

Oracle® E-Business Suite G-Invoicing

Process Guide

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Oracle E-Business Suite G-Invoicing Process Guide, Release 12.2

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Contents

Send Us Your Comments

Preface

1 Introduction to G-Invoicing

Overview.....	1-1
How Oracle E-Business Suite and the Federal G-Invoicing Application Work Together.....	1-3
Mapping of G-Invoicing Business Objects in Oracle E-Business Suite.....	1-7
Process Flow for Buyer-Initiated Order Created in EBS.....	1-10
Process Flow for Seller-Facilitated Order Created in EBS.....	1-15
Process Flow for BIO and SFO Created in Federal G-Invoicing	1-20
Process Flow for Advance-Enabled Orders.....	1-24
Process Flow for Non-Advance Enabled Orders.....	1-29

2 G-Invoicing Setup and Administration: Requesting Agency

Setting Up G-Invoicing.....	2-1
Administering G-Invoicing.....	2-10
Organizational Groups in G-Invoicing and Oracle E-Business Suite.....	2-11
Setting Up Access Control.....	2-12
Setting G-Invoicing Options	2-15
Pulling Organizational Groups and Data.....	2-17
Pulling TAS-BETC Details for a Group.....	2-17
Pulling GT&Cs.....	2-18
Pulling Groups for GT&Cs.....	2-20
Pushing and Pulling IGT Orders.....	2-21
Pulling and Pushing Performance Records.....	2-22

Intragovernmental Performance Integration with Oracle Payables.....	2-23
Intragovernmental Performance Integration with Receiving.....	2-24
Viewing Request Status and Group Information.....	2-25
Configuring Descriptive Flexfields for GT&C and Agency Information.....	2-26
Configuring Descriptive Flexfields for Performance Accounting Transactions.....	2-31

3 G-Invoicing Setup and Administration: Servicing Agency

Summary of Setup Tasks.....	3-2
Product Prerequisites.....	3-2
Setting Profile Options.....	3-3
Entering Security Certificate Details.....	3-4
Placing Certificate Files	3-4
Setting Up Agency Location Codes in Oracle Payables.....	3-5
Identifying Requesting Agencies in Oracle Receivables.....	3-5
Setting Up Prepayment or Refunding in Receivables.....	3-7
Setting Up Transaction Types in Receivables.....	3-8
Setting Up an Agreement Type.....	3-8
Entering G-Invoicing Setup Options.....	3-9
Setting Up Units of Measure for Order Lines.....	3-10
Setting Up Trading Partner TAS and BETC.....	3-11
Setting Up Group Security.....	3-12
Setting Up AME Administration.....	3-12
Setting Up Descriptive Flexfields.....	3-17
Setting Up for 7600EZ Invoicing.....	3-18
Intragovernmental 7600EZ Invoice Interface Program.....	3-21

4 Enterprise Command Center

Setting Up RBAC for Enterprise Command Center Dashboard.....	4-1
Setting Up Oracle Enterprise Command Center.....	4-1
Setting Up Projects Command Center	4-2
Loading Projects Command Center Data.....	4-2
G-Invoicing Dashboard.....	4-2

5 Using G-Invoicing: Requesting Agency

General Terms and Conditions (GT&Cs).....	5-1
Defining Business Application in G-Invoicing.....	5-3
IGT Requisitions.....	5-4
IGT Orders.....	5-26
Creating an IGT Order.....	5-28
Updating IGT Orders.....	5-30

Creating IGT Orders Using Intragovernmental Requests.....	5-30
Funds Movement for Modification of Order Lines with Requisitions.....	5-33
Importing IGT Orders Created in the Federal G-Invoicing Application.....	5-33
Seller-Facilitated Orders (SFO) for the Requesting Agency.....	5-36
The 7600B Document.....	5-40
IGT Modifications.....	5-42
Support for Admin Modification in SFO.....	5-48
IGT Performance.....	5-49
Performance Accounting for Intragovernmental Transactions.....	5-53
Intragovernmental Performance Integration with Payables.....	5-53
Intragovernmental Performance Integration with Receiving.....	5-54
Design Considerations for Performance Accounting.....	5-55
Prepayment Invoice Creation During Advance Performance Submission.....	5-56
Receipt Creation During Delivered Performance Integration with Receiving.....	5-56
Standard Invoice Creation During Delivered or Received Performance Integration with Payables.....	5-57
Receipt Correction for an Adjustment to Delivered Performance Integration with Receiving.....	5-57
Credit Memo Creation During an Adjustment to Delivered or Received Performance Integration with Payables.....	5-58
When FOB is Source or Origin (Two-Way).....	5-58
When FOB is Destination or Other (Three-Way and Invoice Match Option is Receipt)....	5-62
Integrate Deferred Performance for Journal Entry Creation.....	5-68
Running the Deferred Performance Interface Program.....	5-69
Journal or Reversal Journal in Purchasing Subledger Setup.....	5-71
API Support for G-Invoicing Flows.....	5-72
Closing and Reopening IGT Orders	5-77
Closing an IGT Order.....	5-77
Reopening an IGT Order.....	5-79
Support for In-Flight Order (IFO) from Requesting Agency.....	5-80
Process Flow for Oracle E-Business Suite and Federal G-Invoicing Maintained (New Order).....	5-80
Pulling In-Flight Orders into Oracle CLM or Purchasing.....	5-82
Impact of In-Flight Orders in Oracle CLM or Purchasing.....	5-84
Pre-paid Advance Management.....	5-84
Support for EZ Invoicing.....	5-85
Intragovernmental 7600EZ Invoice Interface Program.....	5-87
Pulling an Easy (EZ) Invoice.....	5-88
Accepting or Rejecting an EZ Invoice.....	5-90
Reverse an EZ Invoice.....	5-94
Accounting Transactions During EZ Invoice Processing.....	5-94

6 Using G-Invoicing: Servicing Agency

- Running Interface Programs..... 6-2
- Submitting Performance for Multiple Orders..... 6-6
- Generating 7600B Reporting..... 6-8
- Managing and Maintaining GT&Cs and Orders..... 6-9
- Using Agreements and Agreement Additional Attributes..... 6-12
- Creating or Associating Projects and Updating Performance Obligations..... 6-19
- Seller-Facilitated Orders Created in Oracle Projects..... 6-27
- Seller-Facilitated Orders Maintained in Federal G-Invoicing..... 6-33
 - Non-Advance-Enabled Orders - New and Modified..... 6-33
 - Advance-Enabled Orders - New and Modified..... 6-35
 - Creating Seller-Facilitated Orders..... 6-36
 - Requesting Agency Approves SFO..... 6-37
 - Pulling Seller-Facilitated Orders into EBS..... 6-38
 - Working with Seller-Facilitated Orders (created in Oracle Projects) 6-38
 - Modifying Seller-Facilitated Orders..... 6-41
 - Submit Deferred and Delivery Performance for Seller-Facilitated Orders..... 6-44
 - Closing Orders..... 6-44
- Servicing Agency Support for Buyer-Initiated Orders..... 6-45
- Closing IGT Orders..... 6-46
- G-Invoicing Order Approval – Funds Check and Allocation 6-47
- APIs and Client Extensions for G-Invoicing 6-53
- Using Additional Attributes (User Defined Attributes) Pages..... 6-58
- Using Performance in G-Invoicing..... 6-59
 - Using Deferred Performance..... 6-61
 - Using Delivery Performance..... 6-65
 - Using Advance Performance..... 6-72
 - Submitting Advance Performance (Partial)..... 6-75
 - Submitting Adjustment Performance..... 6-76
 - Adjustments to Advance Enabled Orders..... 6-78
- Using Deferred Performance..... 6-61
- Using Delivery Performance..... 6-65
- Using Advance Performance..... 6-72
 - Submitting Advance Performance (Partial)..... 6-75
 - Submitting Adjustment Performance..... 6-76
 - Adjustments to Advance Enabled Orders..... 6-78
- Using Refund Pay Group..... 6-98
- Intragovernmental Payment and Collection (IPAC) Settlement..... 6-99
- Viewing Receipts..... 6-107

Refund Performance and Order Modification	6-109
Organization Group Model	6-118
In-Flight Orders	6-122
Process Flow for Oracle E-Business Suite and Federal G-Invoicing Maintained (New Order)	6-123
Servicing Agency Pulls IFOs.....	6-125
Modifying Buyer-Initiated In-Flight Orders.....	6-126
Modifying Seller-Facilitated In-Flight Orders.....	6-127
Importing or Creating PPQs in Federal G-Invoicing.....	6-128
Importing PPQs into Oracle EBS.....	6-129
7600 Easy (EZ) Invoice	6-130
Required Setups for 7600 Easy Invoice.....	6-131
Mass Submission of EZ Invoice.....	6-132
Pushing or Pulling Intragovernmental 7600EZ Invoice Interface Program.....	6-133
Creating Agreement for Easy Invoice from a GT&C.....	6-134
Updating an EZ Agreement.....	6-136
Create and Submit an Easy (EZ) Invoice.....	6-137
Create an EZ Invoice.....	6-137
Submit an EZ Invoice.....	6-138
Delete an EZ Invoice in the Draft Status.....	6-139
Delete an EZ Invoice in the Pending Status.....	6-140
Reverse an EZ Invoice with a Settled Status.....	6-140
Reverse a Settled EZ Invoice with Credit Memo.....	6-141
Reject an EZ Invoice in a Pending Status.....	6-142
Reject an EZ Invoice in a Settled Status.....	6-143
APIs and Client Extensions for 7600 EZ Invoicing.....	6-145
Working Capital Fund	6-146
Overall Process of WCF.....	6-146
Rounding Management.....	6-148
Participation Ratio.....	6-148
Setting Up for Working Capital Fund (WCF).....	6-148
Working Capital Order Pull and Approval.....	6-151

7 Business Scenarios

Use Case 1. Buyer-Initiated Order Created in Oracle CLM or Purchasing.....	7-1
Use Case 2. Buyer-Initiated or Seller-Facilitated Orders Created in Federal G-Invoicing....	7-17

8 Frequently Asked Questions About G-Invoicing

FAQs.....	8-1
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A Attributes and Usages for Templates in G-Invoicing

Attributes and Usages.....	A-1
Attribute Groups, Actions, and Functions for Templates in G-Invoicing.....	A-21

Index

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Preface

Intended Audience

Welcome to Release 12.2 of the *Oracle E-Business Suite G-Invoicing Process Guide*.

This guide contains the information you need to understand and use Oracle E-Business Suite G-Invoicing.

See Related Information Sources on page xiv for more Oracle E-Business Suite product information.

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Structure

1 Introduction to G-Invoicing

This chapter provides an overview of the Oracle E-Business Suite G-Invoicing solution and covers the following topics:

2 G-Invoicing Setup and Administration: Requesting Agency

3 G-Invoicing Setup and Administration: Servicing Agency

This chapter provides setting up steps for a servicing agency for using Oracle E-Business Suite G-Invoicing.

4 Enterprise Command Center

This chapter provides details on the G-Invoicing dashboard available in the Projects Command Center.

5 Using G-Invoicing: Requesting Agency

This chapter describes how a buyer (requesting agency) uses Oracle E-Business Suite G-Invoicing.

6 Using G-Invoicing: Servicing Agency

This chapter provides procedures for using the Oracle E-Business Suite G-Invoicing as a seller (servicing agency).

7 Business Scenarios

8 Frequently Asked Questions About G-Invoicing

This chapter addresses commonly asked questions about the Oracle EBS G-Invoicing solution.

A Attributes and Usages for Templates in G-Invoicing

Related Information Sources

Integration Repository

The Oracle Integration Repository is a compilation of information about the service endpoints exposed by the Oracle E-Business Suite of applications. It provides a complete catalog of Oracle E-Business Suite's business service interfaces. The tool lets users easily discover and deploy the appropriate business service interface for integration with any system, application, or business partner.

The Oracle Integration Repository is shipped as part of the Oracle E-Business Suite. As your instance is patched, the repository is automatically updated with content appropriate for the precise revisions of interfaces in your environment.

Do Not Use Database Tools to Modify Oracle E-Business Suite Data

Oracle **STRONGLY RECOMMENDS** that you never use SQL*Plus, Oracle Data Browser, database triggers, or any other tool to modify Oracle E-Business Suite data unless otherwise instructed.

Oracle provides powerful tools you can use to create, store, change, retrieve, and maintain information in an Oracle database. But if you use Oracle tools such as SQL*Plus to modify Oracle E-Business Suite data, you risk destroying the integrity of your data and you lose the ability to audit changes to your data.

Because Oracle E-Business Suite tables are interrelated, any change you make using an Oracle E-Business Suite form can update many tables at once. But when you modify Oracle E-Business Suite data using anything other than Oracle E-Business Suite, you may change a row in one table without making corresponding changes in related tables. If your tables get out of synchronization with each other, you risk retrieving erroneous information and you risk unpredictable results throughout Oracle E-Business Suite.

When you use Oracle E-Business Suite to modify your data, Oracle E-Business Suite automatically checks that your changes are valid. Oracle E-Business Suite also keeps track of who changes information. If you enter information into database tables using database tools, you may store invalid information. You also lose the ability to track who has changed your information because SQL*Plus and other database tools do not keep a record of changes.

Introduction to G-Invoicing

This chapter provides an overview of the Oracle E-Business Suite G-Invoicing solution and covers the following topics:

This chapter covers the following topics:

- Overview
- How Oracle E-Business Suite and the Federal G-Invoicing Application Work Together
- Mapping of G-Invoicing Business Objects in Oracle E-Business Suite
- Process Flow for Buyer-Initiated Order Created in EBS
- Process Flow for Seller-Facilitated Order Created in EBS
- Process Flow for BIO and SFO Created in Federal G-Invoicing
- Process Flow for Advance-Enabled Orders
- Process Flow for Non-Advance Enabled Orders

Overview

An intragovernmental transaction (IGT) occurs whenever a federal program agency purchases goods or services from another federal agency. Whenever a federal program agency purchases goods or services from another federal agency, it is called an intragovernmental transaction (IGT). To help with the initiation, negotiation, approval, and accounting of IGTs, the federal government created the G-Invoicing application. The G-Invoicing solution in Oracle E-Business Suite (EBS) integrates the federal G-Invoicing application with Oracle Contract Lifecycle Management for Public Sector, Oracle Purchasing, and Oracle Projects. Other products within the Oracle E-Business Suite provide additional support.

As a federal program agency, (FPA), you can use the EBS G-Invoicing solution to:

- Initiate, negotiate, and approve IGTs.

- Exchange data related to general terms and conditions (GT&C), orders, modifications, agreements, and performance records.
- Integrate data from these activities into your accounting system.
- Improve auditability by associating related transactions with a common identifier.

Historically, many federal entities have used paper forms such as the United States Government Interagency Agreement (FS 7600A) and the US Government Order Form (FS 7600B) to facilitate IGT buy/sell activity. Form 7600A captures the general terms and conditions (GT&Cs) of an agreement and is analogous to a contract purchase agreement.

If your agency has not formally brokered agreements with intragovernmental trading partners in the past, then you must formalize that process as you move to G-Invoicing, because G-Invoicing requires that all intragovernmental buy/sell transactions be brokered through the system. If your agency has used formal interagency agreements, there will still be some changes, though on a smaller scale. Improve auditability by associating related transactions with a common identifier.

Oracle EBS and the federal G-Invoicing application use REST services to communicate with each other. Agencies push (send) and pull (retrieve) IGT data to and from the federal G-Invoicing application. The retrieved data is validated, and corresponding transactions are created in EBS.

The Oracle EBS G-Invoicing solution includes the following features and functions:

- Default attributes from GT&Cs for requisitions, orders, and validation
- A program to pull GT&Cs from the federal application into EBS
- Predefined and customizable user defined attribute (UDA) templates and document styles
- The ability to create and modify an IGT requisition and add it to an IGT order
- A program to push and pull orders to and from the EBS system
- Support for both seller-facilitated orders (SFOs) and buyer-initiated orders (BIOs) created in the federal G-Invoicing application or in EBS
- The ability to perform funds checks and to track funds movement through journal ledgers
- The Projects Enterprise Command Center G-Invoicing dashboard, with metrics and all G-Invoicing functions for servicing agencies
- Integration of performance reporting and acceptance: The ability to push and pull performance transactions to and from the federal G-Invoicing application and

create corresponding payable and receivable transactions for posting to subledger and the general ledger

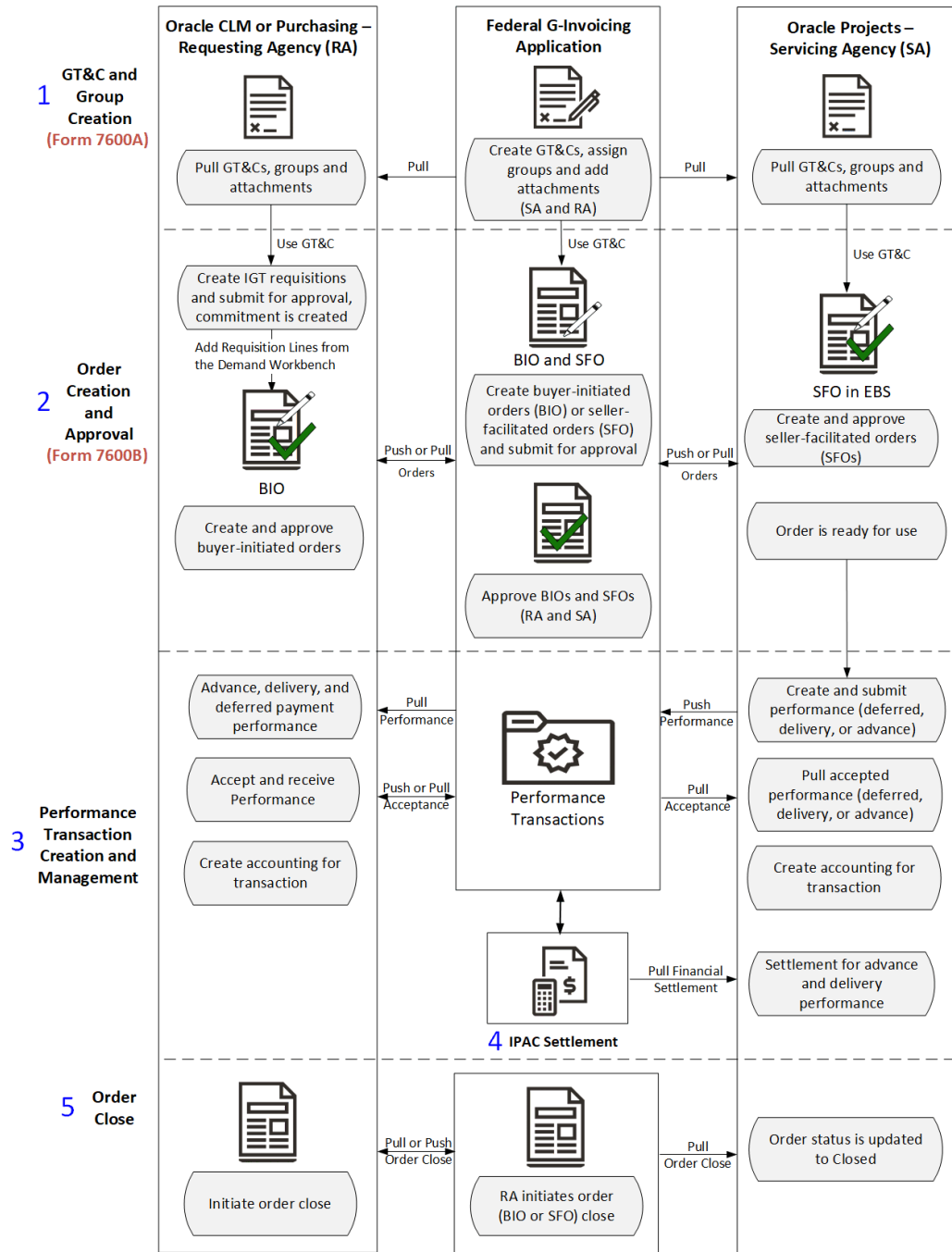
- Initiation of IPAC transactions for the settlement of funds between agencies
- API support for various parts of the G-Invoicing business process
- A request log
- Support for in-flight orders
- Support for 7600EZ Invoice

How Oracle E-Business Suite and the Federal G-Invoicing Application Work Together

The following process flow provides a high-level view of the exchange of IGT documents and data between a requesting (buying) agency (Oracle Contract Lifecycle Management or Purchasing), the federal G-Invoicing application, and the servicing (selling) agency (Oracle Projects). The G-Invoicing data includes group details, general terms, and conditions (GT&Cs), orders, order modifications, and performance records.

The following diagram displays the overall process flow for intragovernmental transactions:

Summary Process Flow of Intragovernmental Transactions (IGT) Between Federal G-Invoicing and Oracle E-Business Suite



The overall business flow for an intragovernmental transaction (IGT) is as follows:

1. GT&Cs and Groups Creation:

- Either agency creates a GT&C in the federal G-Invoicing application and shares

with the trading partner.

- The trading partner reviews and approves or rejects the GT&Cs.
- If the trading partner approves the GT&C, then both agencies pull the GT&Cs and groups into EBS (Oracle Contract Lifecycle Management for Public Sector or iProcurement and Oracle Projects).

See "General Terms and Conditions (GT&Cs)", page 5-1 for more information.

2. Order Creation and Approval:

An order is created by either the requesting or the servicing agency (the order-initiating partner is specified in the GT&C), either in EBS or in the federal G-Invoicing application. This means there are four ways an order can be created.

- Buyer-initiated order (BIO) created in EBS
- Seller-facilitated order (SFO) created in EBS
- Buyer-initiated order (BIO) created in G-Invoicing
- Seller-facilitated order (SFO) created in G-Invoicing

Buyer-Initiated Order (BIO) Created in EBS

The requesting agency creates a requisition in Oracle Contract Lifecycle Management or Oracle Purchasing, adds it to a new or existing IGT order, and submits the order for approval. After approval, the BIO is pushed to federal G-Invoicing for the servicing agency to approve.

Refer to "Process Flow for Buyer-Initiated Order Created in EBS", page 1-10 for more details.

Refer to "IGT Orders", page 5-26 for more details.

Seller-Facilitated Order (SFO) Created in EBS

The servicing agency creates an order in Oracle Projects and submits the order for approval. The SFO is approved by the funding and program officials and is then pushed to federal G-Invoicing for the requesting agency to approve.

Refer to "Process Flow for Seller-Facilitated Order Created in EBS", page 1-15 for more details.

Buyer-Initiated or Seller-Facilitated Orders Created in G-Invoicing

The order-originating partner creates and processes an order in the federal G-Invoicing application. Both trading partners pull the order from G-Invoicing, and it goes through each agency's approval process. The approval is pushed to G-Invoicing.

Refer to "Process Flow for BIO and SFO Created in Federal G-Invoicing by Both

Agencies", page 1-15 for more details.

Regardless of which method was used to create the order, the requesting agency pulls the accepted IGT order from the federal G-Invoicing application, synchronizes the updated information with the existing order, obligates funds, and updates the order status to Approved.

The servicing agency pulls the approved order with an open status, creates performance against the order and submits it.

The 7600B document is a printed version of the agreement between two federal program agencies for a reimbursable intragovernmental order. Some agencies might need this document to get approval for their orders.

Refer to the "The 7600B Document", page 5-40 for more details.

- 3. Performance Creation and Management:** A performance transaction is the exchange of data about the progress of an IGT order.

When an order is partially or completely fulfilled, the order progress is tracked against the order line schedule and communicated to the requesting agency as performance. The acceptance of performance by a requesting agency is tracked by the servicing agency as approved performance.

The following types of performance let you derive and report accurate progress and delivery against orders to manage performance and drive settlement:

- **Advance:** The servicing agency can submit request and receive advance payments against orders partially or in full. The system offsets advance against invoices. Settlement follows immediately so that the servicing agency can use the funds to fulfill the order. When the servicing agency submits a delivery performance, accounting entries are created to liquidate the advance and recognize revenue or expenses.

Refer to "Using Advance Performance", page 6-72 for more details.

- **Deferred:** A servicing agency sends deferred performance transactions to report progress against order line schedules without initiating settlements. Both agencies can use deferred performance to account for accruals.

Refer to "Using Deferred Performance", page 6-61 for more details.

- **Delivery:** A servicing agency submits delivery against order line schedules to initiate settlement. It provides visibility into Freight on Board FOB (source, destination, others) and constructive days. If the FOB point is source, then this transaction initiates settlement. If the FOB point is destination, then the requesting agency creates a received/accepted performance transaction to trigger settlement of funds.

Refer to "Using Delivery Performance.", page 6-65 for more details.

The servicing agency initiates and creates advance , deferred, or delivery

performance and pushes the performance details to federal G-Invoicing.

The requesting agency pulls performance and, upon completion of the order, creates the accepted/received performance for the quantity fulfilled. The agency pushes the accepted performance details to federal G-Invoicing.

The requesting agency interfaces performance with Oracle Receiving and Oracle Payables using concurrent programs to create accounting entries based on the Freight on Board (FOB) point selection related to accruals, advances, settlements, and liquidations. Journal entries are created in Oracle General Ledger.

- 4. Settlement is created using IPAC:** Federal Agencies use Intragovernmental Payments and Collections (IPAC) to transfer funds between agencies. The Intragovernmental Performance Interface pull program, provided by EBS, lets you pull settlements performed by IPAC for an advance and delivery performance types.

Refer to "Intragovernmental Payment and Collection (IPAC) Settlement", page 6-99 for details

- 5. Close an IGT Order:** After an IGT order is fulfilled and there are no outstanding performance or quantity remaining, the order can be closed. The requesting agency initiates an order close either in Oracle CLM, Purchasing or in federal G-Invoicing, pushes or pulls the closed order to or from federal G-Invoicing. The requesting or servicing agency pulls the closed IGT order into EBS.

Refer to "Closing an IGT Order", page 5-77 for more details.

Mapping of G-Invoicing Business Objects in Oracle E-Business Suite

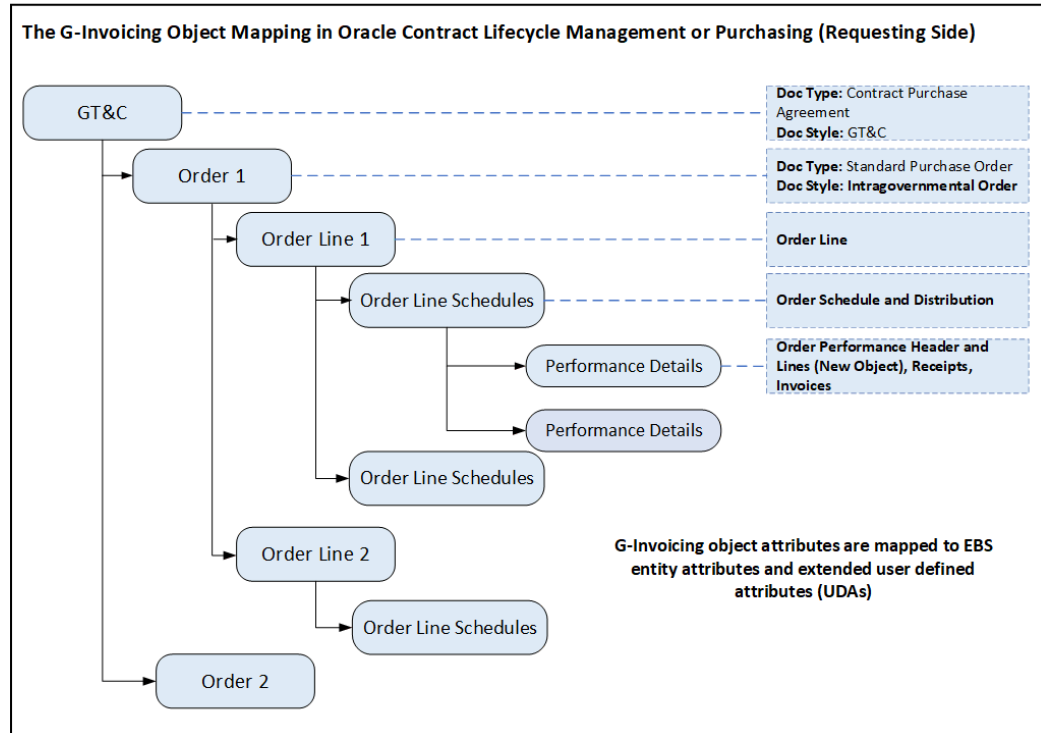
The following topics illustrate the federal G-Invoicing business objects and how they are mapped in Oracle E-Business G-Invoicing.

Business Object Mapping: Requesting Side

EBS features that support a requesting agencies are part of Oracle Contract Lifecycle Management for Public Sector and Oracle Purchasing (referred to as Oracle CLM and Oracle Purchasing in subsequent topics and chapters).

This diagram shows how G-Invoicing objects are mapped to corresponding entities in Oracle EBS.

The G-Invoicing Object Mapping in Oracle Contract Lifecycle Management or Oracle Purchasing



As shown in the diagram, following are the business object mapping for the requesting agency:

- The Goods Terms and Condition (GT&C) is mapped as the document style with contract purchase agreement (CPA) as the document type.
- An order is mapped to a standard purchase order as the document type and intragovernmental order as the document style.
- Each order can have multiple order lines.
- Each order line can have multiple order line schedules and one distribution.
- A performance is created against each order line schedule.

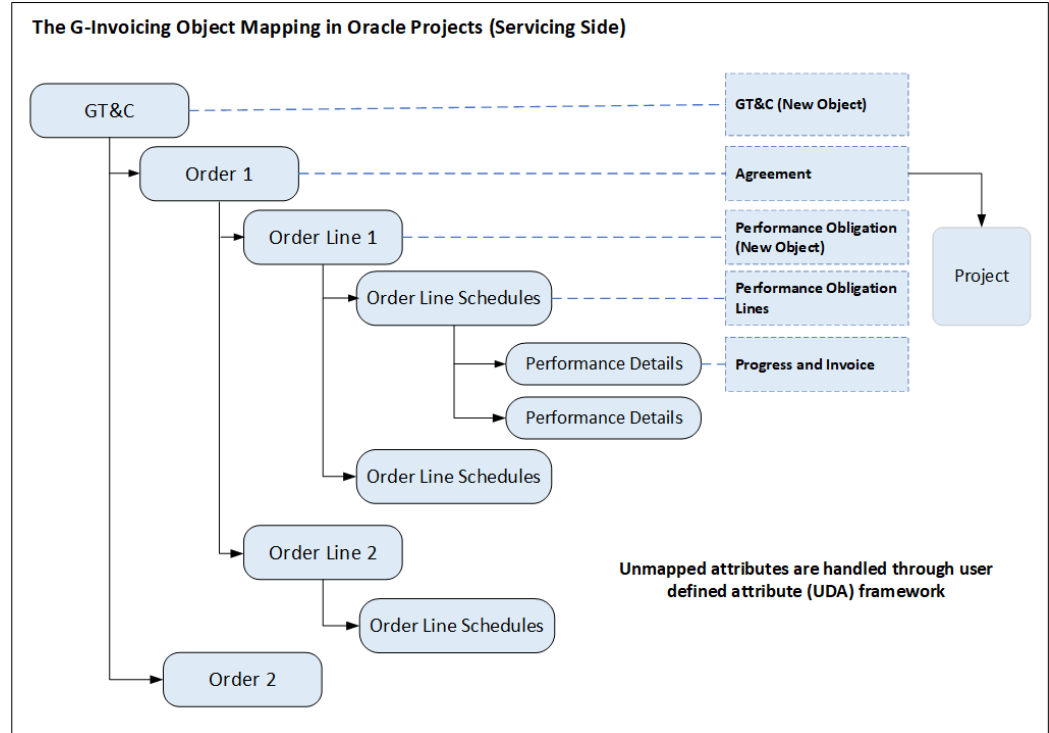
The performance details include performance header and detail lines which are new objects created in EBS. Receipts and invoices are also included as performance details.

Business Object Mapping: Servicing Side

EBS features that support servicing agencies are part of Oracle Projects. When orders

are imported into EBS, Oracle Projects maps the order details to new entities in the project.

The G-Invoicing Object Mapping in Oracle Projects



This diagram shows how G-Invoicing objects are mapped to corresponding entities in Oracle Projects:

As shown in the diagram, following are the business object mapping for the servicing agency:

- The Goods Terms and Conditions (GT&C) is mapped as GT&C, which is a new object.
- Each order is mapped to an agreement. A project is associated with an order.
- Each order line is mapped to a performance obligation, which is a new object. Each order may have multiple performance obligations (POBGs).
- Each order line schedule is mapped to a performance obligation line. Each order line may include multiple performance obligation lines.
- A performance is created against each order line schedule.

Related Topics

For information about setting up and using G-Invoicing in Oracle E-Business Suite, see

the following resources:

- "G-Invoicing Setup and Administration: Requesting Agency", page 2-xiii
- "G-Invoicing Setup and Administration: Servicing Agency", page 3-xiii
- "Using G-Invoicing: Requesting Agency", page 5-xiv
- "Using G-Invoicing: Servicing Agency", page 6-xiv

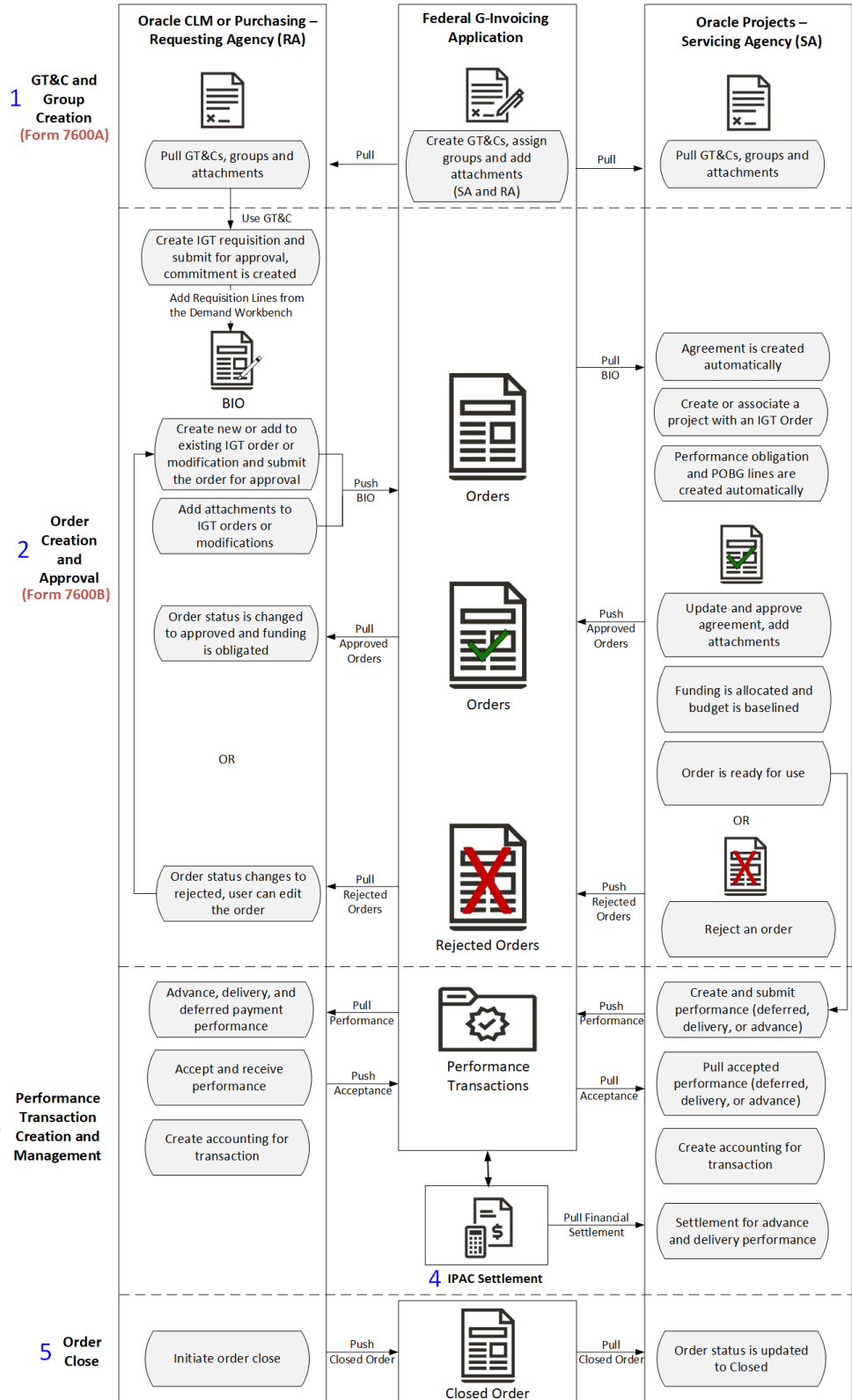
Process Flow for Buyer-Initiated Order Created in EBS

See "Introduction to G-Invoicing", page 1-xiii for more information.

The buyer-initiated orders (BIO) are created and approved in either the Oracle Contract Lifecycle Management for Public Sector Purchasing or in Oracle Purchasing.

The following diagram illustrates the flow of a buyer-initiated order created in EBS:

Buyer-Initiated Order Created and Maintained in Oracle E-Business Suite (Oracle CLM or Purchasing)



The process flow is as follows:

1. GT&Cs and Groups Creation:

- Either agency creates a GT&C and group in the federal G-Invoicing application and shares with the trading partner. For creating buyer-initiated order, set the Originating Partner Indicator to requesting agency.
- The trading partner reviews and approves or rejects the GT&Cs.
- Both agencies can add attachments, pull GT&Cs and groups into EBS (Oracle Contract Lifecycle Management for Public Sector or iProcurement and Oracle Projects).
- GT&Cs are available in the Buyer Work Center of Oracle CLM or Purchasing.
- The requesting agency uses these GT&Cs to create an IGT requisition.
See "General Terms and Conditions (GT&Cs)", page 5-1 for more information.

2. Order Creation and Approval: A BIO is created by the requesting agency in Oracle Contract Lifecycle Management or Oracle Purchasing.

- Using a GT&C, the requesting agency creates a requisition and submits it for approval. After approval, funds are committed. Approved intragovernmental requisitions appear in the Demand Workbench that can be used to create an IGT order.
Refer to "IGT Requisitions", page 5-4 for more details.
- The requesting agency, using the Demand Workbench, adds the requisition lines to an IGT order or an existing order. The order details are entered for both agencies. The order is approved by the funding and program officials in Oracle Purchasing or iProcurement. The BIO is then shared with the servicing agency to approve. The BIO is pushed to federal G-Invoicing.
Refer to "IGT Orders", page 5-26 for details on creating IGT orders.
- The 7600B document is a printed version of the agreement between two federal program agencies for a reimbursable intragovernmental order. Some agencies might need this document to get approval for their orders. The requesting agency can download the 7600B document at multiple points in the IGT order creation, modification, and approval lifecycle. The approving officials can review, sign, and the agency can attach the signed 7600B document to the order.
Refer to the "The 7600B Document", page 5-40 for more details.
- The servicing agency pulls the BIO into EBS in Oracle Projects. You can view these BIO orders in the G-Invoicing dashboard on Oracle's Projects Command Center. An agreement is created automatically.

- The servicing agency creates a project or associates an existing project with the order.

Refer to "Create or Associate a Project with an Order", page 6-19 for more details.

- The performance obligations and performance obligation lines are published automatically. The order header is mapped to an agreement, order lines are mapped to performance obligations, and order line schedules are mapped to performance obligation lines.

Refer to "Updating Performance Obligations", page 6-19 for more details.

- The servicing agency can further update agreement details. In the Update Agreement page, the agency can view and add attachments and then submit the agreement for approval. The program official approves the order. On approval, the funding is generated, the revenue budget is baselined, and the order is pushed to federal G-Invoicing for the requesting agency to approve.

Refer to "Using Agreements", page 6-12 for more details.

- The requesting agency pulls the accepted IGT order from the federal G-Invoicing application, synchronizes the updated information with the existing order, obligates funds, and the order status is updated to approved.
- The servicing agency pulls the approved order with an open status, creates performance against the orders and submits it.

Or

- In some cases, the servicing agency can reject an order and push it back to federal G-Invoicing for correction.
- The requesting agency pulls the rejected order and corrects the details. The order goes through the same order approval process and is pushed back to federal G-Invoicing for servicing agency to approve.

3. Performance Creation and Management: A performance transaction is the exchange of data about the progress of an IGT order.

When an order is partially or completely fulfilled, the order progress is tracked against the order line schedule and communicated to the requesting agency as performance. The acceptance of performance by a requesting agency is tracked by the servicing agency as approved performance.

The following types of performance let you derive and report accurate progress and delivery against orders to manage performance and drive settlement:

- **Advance:** The servicing agency can submit request and receive advance payments against orders partially or in full. The system offsets advance against

invoices. Settlement follows immediately so that the servicing agency can use the funds to fulfill the order. When the servicing agency submits a delivery performance, accounting entries are created to liquidate the advance and recognize revenue or expenses.

Refer to "Using Advance Performance", page 6-72 for more details.

- **Deferred:** A servicing agency sends deferred performance transactions to report progress against order line schedules without initiating settlements. Both agencies can use deferred performance to account for accruals.

Refer to "Using Deferred Performance", page 6-61 for more details.

- **Delivery:** A servicing agency submits delivery against order line schedules to initiate settlement. It provides visibility into Freight on Board FOB (source, destination, others) and constructive days. If the FOB point is source, then this transaction initiates settlement. If the FOB point is destination, then the requesting agency creates a received/accepted performance transaction to trigger settlement of funds.

The requesting agency creates acceptance. Acceptance performance is received for FOB (destination, others) against delivery performance.

Refer to "Using Delivery Performance.", page 6-65 for more details.

Refer to "IGT Performance", page 5-49 and "Performance Accounting for Intragovernmental Transactions", page 5-53 for more details.

The servicing agency initiates and creates deferred, advance, or delivery performance and pushes the performance details to federal G-Invoicing.

The requesting agency pulls performance and, upon completion of the order, creates the accepted/received performance for the quantity fulfilled. The agency pushes the accepted performance details to federal G-Invoicing.

The requesting agency interfaces performance with Oracle Receiving and Oracle Payables using concurrent programs to create accounting entries related to accruals, advances, settlements, and liquidations. Journal entries are created in Oracle General Ledger.

4. **Settlement is created using IPAC:** Federal Agencies use Intragovernmental Payments and Collections (IPAC) to transfer funds between agencies. The Intragovernmental Performance Interface pull program, provided by EBS, lets you pull settlements performed by IPAC for an advance and delivery performance types.

Refer to "Intragovernmental Payment and Collection (IPAC) Settlement", page 6-99 for details.

5. **Close an IGT Order:** After an IGT order is fulfilled and there are no outstanding performance or quantity remaining, then the order can be closed. The requesting

agency initiates an order close either in Oracle CLM or Purchasing, pushes the closed order to federal G-Invoicing. The servicing agency pulls the closed IGT order into EBS.

Refer to "Closing an IGT Order", page 5-77 for details.

Process Flow for Seller-Facilitated Order Created in EBS

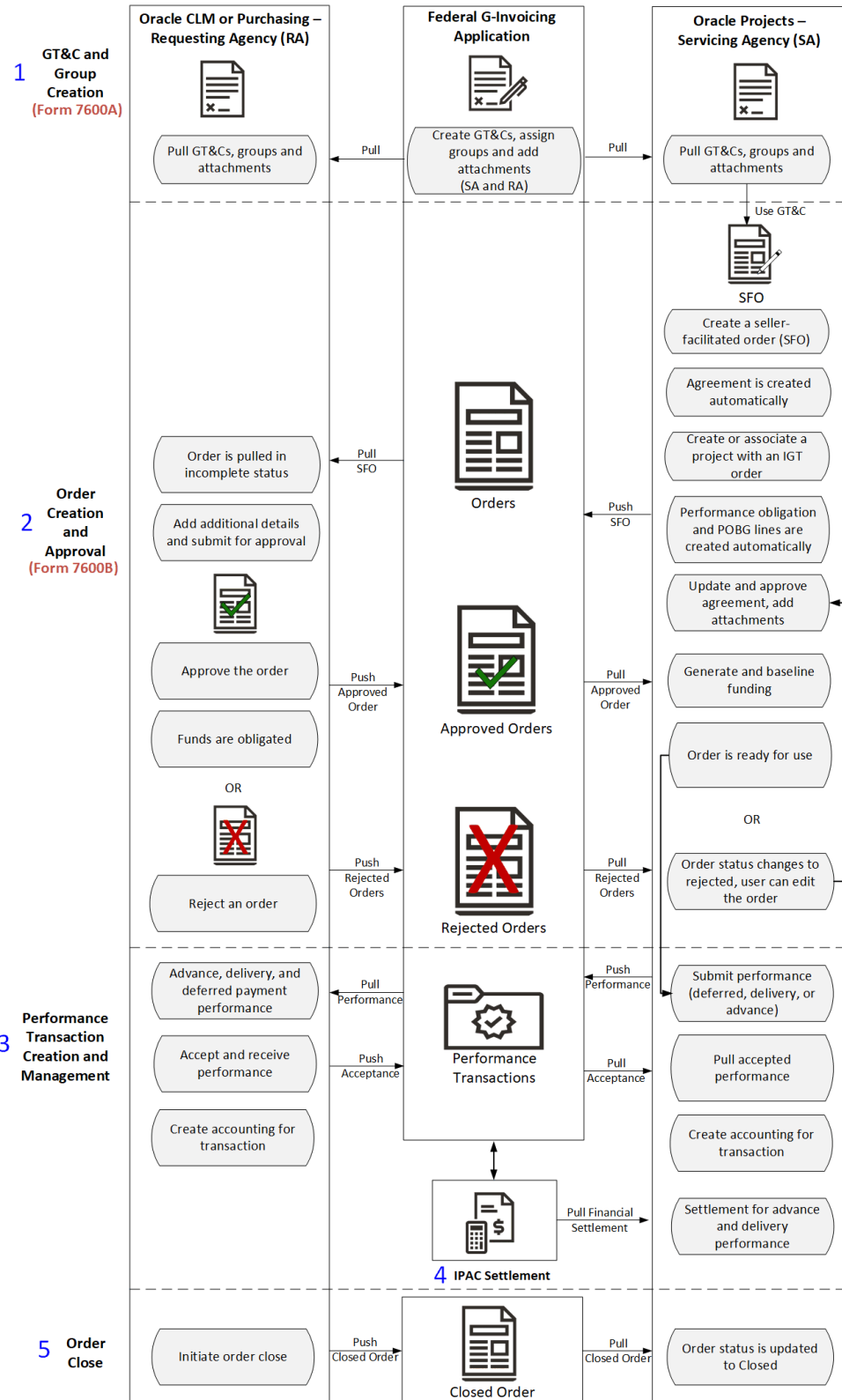
See "Introduction to G-Invoicing", page 1-xiii for more information.

The seller-facilitated orders are created and approved in Oracle Projects.

After an SFO is approved internally, it is then pushed to the federal G-Invoicing application for the requesting agency's approval. Once the order is approved by the requesting agency, the servicing agency pulls the open order into the G-Invoicing dashboard of Projects Command Center.

The following diagram illustrates the flow of a seller-facilitated order initiated in Oracle Projects by a servicing agency:

Seller-Facilitated Order Created and Maintained in Oracle E-Business Suite (Oracle Projects)



The process flow is as follows:

1. GT&C and Group Creation:

- Either agency creates a GT&C and group in the federal G-Invoicing application and shares with the trading partner. To create a seller-facilitated order, select servicing agency for the Originating Partner Indicator.

Note: To create a seller-facilitated order, select servicing agency for the Originating Partner Indicator.

- The trading partner reviews and approves or rejects the GT&Cs.
- Both agencies can add attachments, pull GT&Cs and groups into EBS (Oracle Contract Lifecycle Management for Public Sector or iProcurement and Oracle Projects).
- The servicing agency uses these GT&Cs to create an IGT order.
See "General Terms and Conditions (GT&Cs)", page 5-1 for more information.

2. Order Creation and Approval: The servicing agency creates the seller-facilitated order in EBS using Oracle Projects.

- The servicing agency creates and approves an IGT order. The order details are entered for both agencies.

Refer to "Seller-Facilitated Orders Created in Oracle Projects", page 6-27 for more details.

- Upon save, an agreement is created automatically.
- The servicing agency creates a project or associates an existing project with the order.

Refer to "Create or Associate a Project with an Order", page 6-19 for more details.

- The performance obligations and performance obligation lines are published automatically. The order header is mapped to an agreement, order lines are mapped to performance obligations, and order line schedules are mapped to performance obligation lines

Refer to "Updating Performance Obligations", page 6-19 for more details.

- The servicing agency can further update agreement details. In the Update Agreement page, the agency can view and add attachments and then submit the agreement for approval. The program official approves the order. On approval, the funding is generated, and the revenue budget is baselined.

- The order is pushed to federal G-Invoicing for the requesting agency's approval.
- The requesting agency pulls the seller-facilitated order from the federal G-Invoicing application, enters additional information, and then approves the order.

Funds are obligated and the agency pushes the approved order back to federal G-Invoicing.

Refer to "Seller-Facilitated Orders (SFO) for the Requesting Agency", page 5-36 for more details.

- The servicing agency pulls the approved order with an open status, creates performance against the orders and submits it.

OR

- In some cases, the requesting agency can reject an order and push it back to federal G-Invoicing for correction.
- The servicing agency pulls the rejected order, corrects errors, or makes other changes and then pushes the order back to G-Invoicing for the requesting agency to approve.

The order goes through the same order approval process and is pushed back to federal G-Invoicing for requesting agency's approval.

3. **Performance Creation and Management:** A performance transaction is the exchange of data about the progress of an IGT order.

When an order is partially or completely fulfilled, the order progress is tracked against the order line schedule and communicated to the requesting agency as performance. The acceptance of performance by a requesting agency is tracked by the servicing agency as approved performance.

The following types of performance let you derive and report accurate progress and delivery against orders to manage performance and drive settlement:

- **Advance:** The servicing agency can submit request and receive advance payments against orders partially or in full. The system offsets advance against invoices. Settlement follows immediately so that the servicing agency can use the funds to fulfill the order. When the servicing agency submits a delivery performance, accounting entries are created to liquidate the advance and recognize revenue or expenses.

Refer to "Using Advance Performance", page 6-72 for more details.

- **Deferred:** A servicing agency sends deferred performance transactions to report progress against order line schedules without initiating settlements. Both

agencies can use deferred performance to account for accruals.

Refer to "Using Deferred Performance", page 6-61 for more details.

- **Delivery:** A servicing agency submits delivery against order line schedules to initiate settlement. It provides visibility into Freight on Board FOB (source, destination, others) and constructive days. If the FOB point is source, then this transaction initiates settlement. If the FOB point is destination, then the requesting agency creates a received/accepted performance transaction to trigger settlement of funds.

The requesting agency creates acceptance. Acceptance performance is received for FOB (destination, others) against delivery performance.

Refer to "Using Delivery Performance.", page 6-65 for more details.

Refer to "Performance Accounting for Intragovernmental Transactions", page 5-53 for more details.

The servicing agency initiates and creates deferred, advance, or delivery performance and pushes the performance details to federal G-Invoicing.

The requesting agency pulls performance and, upon completion of the order, creates the accepted/received performance for the quantity fulfilled. The agency pushes the accepted performance details to federal G-Invoicing.

The requesting agency interfaces performance with Oracle Receiving and Oracle Payables using concurrent programs to create accounting entries related to accruals, advances, settlements, and liquidations. Journal entries are created in Oracle General Ledger.

4. **Settlement is created using IPAC:** Federal Agencies use Intragovernmental Payments and Collections (IPAC) to transfer funds between agencies. The Intragovernmental Performance Interface pull program, provided by EBS, lets you pull settlements performed by IPAC for an advance and delivery performance types.

Refer to "Intragovernmental Payment and Collection (IPAC) Settlement", page 6-99 for details.

5. **Close an IGT Order:** After an IGT order is fulfilled and there are no outstanding performance or quantity remaining, it can be closed. The requesting agency initiates an order close either in Oracle CLM, Purchasing or in federal G-Invoicing, pushes or pulls the closed order from federal G-Invoicing. The requesting or servicing agency pulls the closed IGT order into EBS.

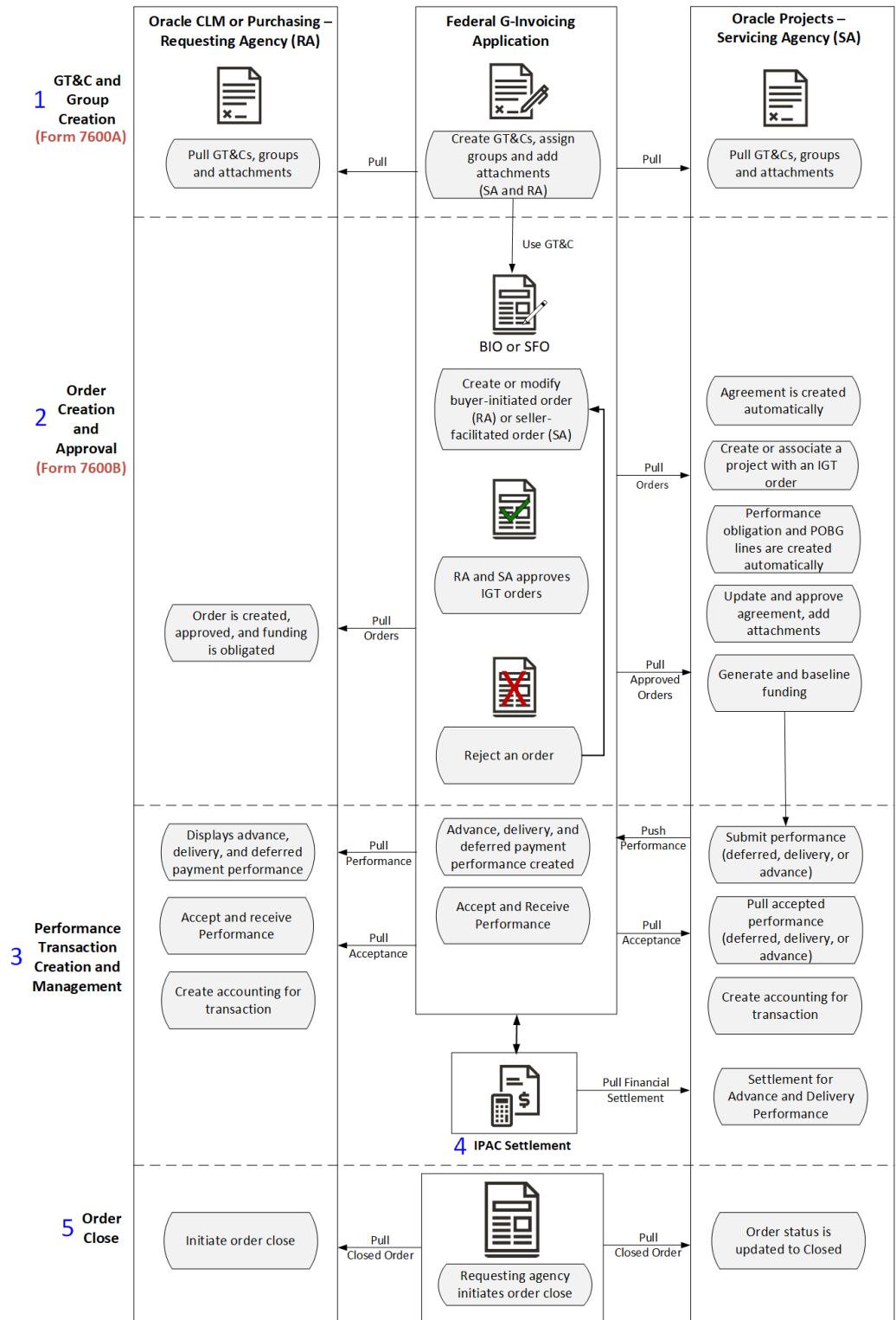
Refer to "Closing an IGT Order", page 5-77 for details.

Process Flow for BIO and SFO Created in Federal G-Invoicing

The order-originating partner that is the requesting or servicing agency creates an IGT order and these orders are processed in the federal G-Invoicing application. The requesting agency creates the buyer-initiated order also known as BIO, and the servicing agency creates the seller-facilitated order also known as SFO. In this case, the federal application is used to create orders, and EBS is the financial system.

The following diagram illustrates the flow of an order created in the federal G-Invoicing application.

Buyer-Initiated and Seller-Facilitated Orders Created and Maintained in Federal G-Invoicing



The process flow is as follows:

1. GT&C and Group Creation:

- Either agency creates a GT&C and group in the federal G-Invoicing application and shares with the trading partner.
- The trading partner reviews and approves or rejects the GT&Cs.
- Both agencies can add attachments, pull GT&Cs and groups into EBS (Oracle Contract Lifecycle Management for Public Sector or iProcurement and Oracle Projects).
- The servicing agency uses these GT&Cs to create an IGT order.
See "General Terms and Conditions (GT&Cs)", page 5-1 for more information.

2. Order Creation and Approval:

- The requesting agency creates a buyer-initiated order (BIO), and the servicing agency creates a seller-facilitated order (SFO) in the federal G-Invoicing application. The BIO or SFO is first approved by the order initiating funding and program officials and is then shared with the trading partners to approve.
- The partner agencies approve BIO or SFO in federal G-Invoicing.
- The requesting agency pulls the order, approves it, and funds are obligated.
- The servicing agency pulls the order from G-Invoicing into Oracle Projects. An agreement is created automatically.
Refer to "Using Agreements", page 6-12 for more details.
- The servicing agency creates a project or associates an existing project with the order.
Refer to "Create or Associate a Project with an Order", page 6-19 for more details.
- The performance obligations and performance obligation lines are published automatically. The order header is mapped to an agreement, order lines are mapped to performance obligations, and order line schedules are mapped to performance obligation lines.
Refer to "Updating Performance Obligations", page 6-19 for more details.
- The servicing agency can further update agreement details. In the Update Agreement page, the agency can view and add attachments and then submit the agreement for approval. The servicing agency officials approve or reject agreements based on specified criteria. On approval, performance obligation lines are published, the funding is generated, and the revenue budget is

baselined. See "G-Invoicing Order Approval – Funds Check and Allocation", page 6-47 for more details.

Refer to "Using Agreements", page 6-12 for more details.

- The order is ready for use and the agency can create performance against the order and submit it.

Refer to "Approving SFOs", page 5-36" for more details.

3. Performance Creation and Management: A performance transaction is the exchange of data about the progress of an IGT order.

When an order is partially or completely fulfilled, the order progress is tracked against the order line schedule and communicated to the requesting agency as performance. The acceptance of performance by a requesting agency is tracked by the servicing agency as approved performance.

The following types of performance let you derive and report accurate progress and delivery against orders to manage performance and drive settlement:

- **Advance:** The servicing agency can submit request and receive advance payments against orders partially or in full. The system offsets advance against invoices. Settlement follows immediately so that the servicing agency can use the funds to fulfill the order. When the servicing agency submits a delivery performance, accounting entries are created to liquidate the advance and recognize revenue or expenses.

Refer to "Using Advance Performance", page 6-72 for more details.

- **Deferred:** A servicing agency sends deferred performance transactions to report progress against order line schedules without initiating settlements. Both agencies can use deferred performance to account for accruals.

Refer to "Using Deferred Performance", page 6-61 for more details.

- **Delivery:** A servicing agency submits delivery against order line schedules to initiate settlement. It provides visibility into Freight on Board FOB (source, destination, others) and constructive days. If the FOB point is source, then this transaction initiates settlement. If the FOB point is destination, then the requesting agency creates a received/accepted performance transaction to trigger settlement of funds. The requesting agency creates acceptance. Acceptance performance is received for FOB (destination, others) against delivery performance.

Refer to "Using Delivery Performance.", page 6-65 for more details.

Refer to "Performance Accounting for Intragovernmental Transactions", page 5-53 for more details.

The servicing agency initiates and creates deferred, advance, or delivery

performance and pushes the performance details to federal G-Invoicing.

The requesting agency pulls performance and, upon completion of the order, creates the accepted/received performance for the quantity fulfilled. The agency pushes the accepted performance details to federal G-Invoicing.

The requesting agency interfaces performance with Oracle Receiving and Oracle Payables using concurrent programs to create accounting entries related to accruals, advances, settlements, and liquidations. Journal entries are created in Oracle General Ledger.

- 4. Settlement is created using IPAC:** IPAC Settlement is performed. Federal Agencies use Intragovernmental Payments and Collections (IPAC) to transfer funds between agencies. The Intragovernmental Performance Interface pull program, provided by Oracle EBS, to pull settlements performed by IPAC for an advance and delivery performance types.

Refer to "Intragovernmental Payment and Collection (IPAC) Settlement", page 6-99 for details.

- 5. Close an IGT Order:** After an IGT order is fulfilled and there are no outstanding performance or quantity remaining, it can be closed. The requesting agency initiates an order close in federal G-Invoicing. The requesting and servicing agencies pull the closed IGT order into EBS.

Refer to "Closing an IGT Order", page 5-77 for more details.

Process Flow for Advance-Enabled Orders

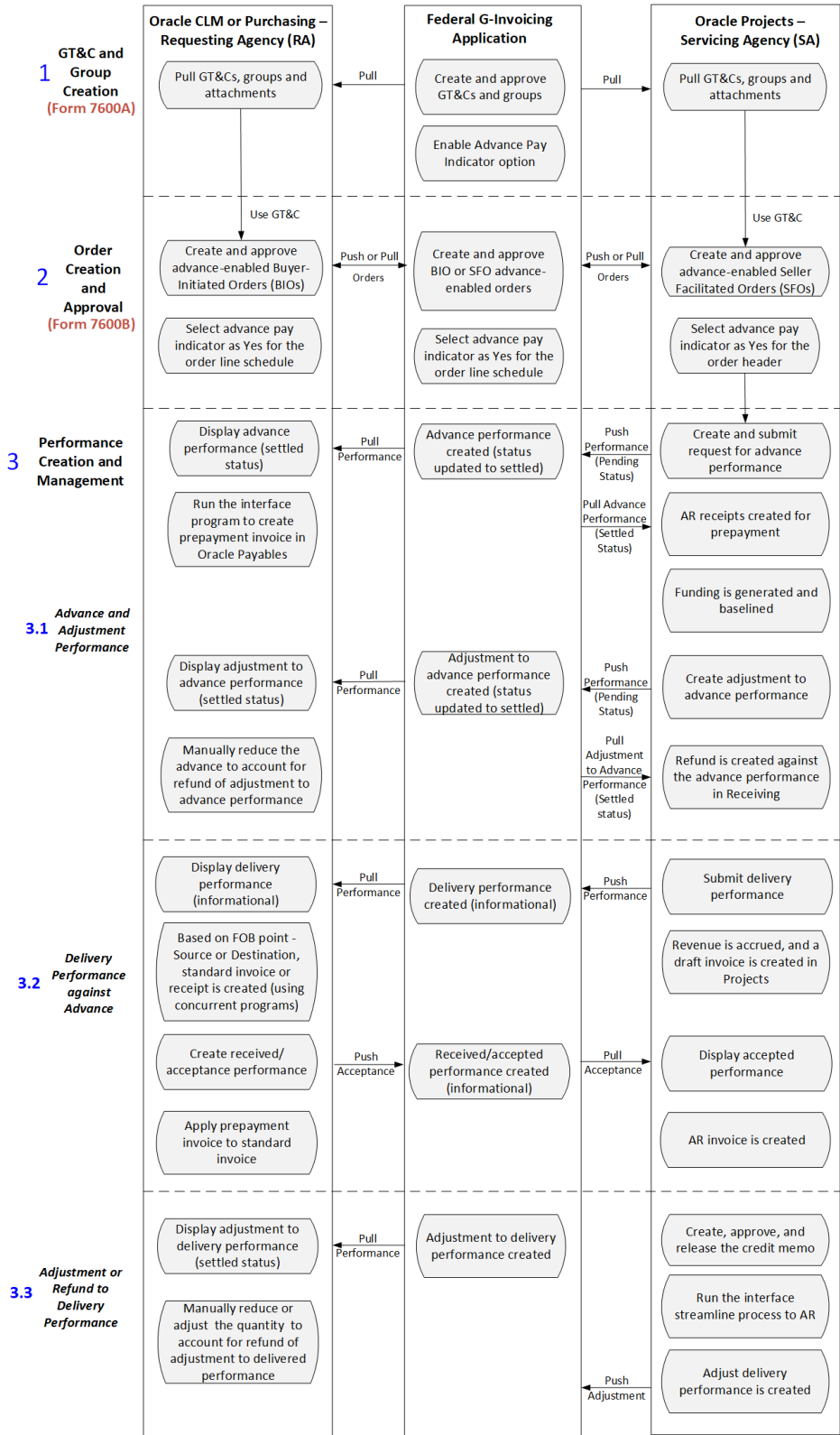
If an order is an advance-enabled order is specified during the GT&C creation. In an advance-enabled order, some or all lines may be advance-enabled. Whether a servicing agency can seek an advance payment is determined at the order line schedule level.

In the case of SFO created in EBS (Oracle Projects), the advance payment is determined at the order header level. An advance-enabled order can only contain order line schedules that are advanced-enabled as well.

When a requesting agency seeks and receives advanced payment, the funds can then be used to execute the order.

The following diagram shows the flow of an advance-enabled order:

Process Flow for Advance-Enabled Orders



The advance-enabled IGT order flow is as follows:

1. GT&Cs and Groups Creation:

- Either agency creates a GT&C and group in the federal G-Invoicing application and shares with the trading partner.
- For creating BIO or SFO, select an appropriate Originating Partner Indicator.
- For advance-enabled orders, set the Advance Pay Indicator to Yes.
- The trading partner reviews and approves or rejects the GT&Cs.
- Both agencies can add attachments, pull GT&Cs and groups into EBS (Oracle Contract Lifecycle Management for Public Sector or iProcurement and Oracle Projects).

See "General Terms and Conditions (GT&Cs)", page 5-1 for more information.

2. Order Creation and Approval:

An order is created by either the requesting or the servicing agency (the order-initiating partner is specified in the GT&C), either in EBS or in the federal G-Invoicing application. This means there are four ways an order can be created.

- Buyer-initiated order (BIO) created in EBS
- Seller-facilitated order (SFO) created in EBS
- Buyer-initiated order (BIO) created in G-Invoicing
- Seller-facilitated order (SFO) created in G-Invoicing

When creating BIO in EBS or G-Invoicing and SFO in G-Invoicing, the agency can set the advance pay indicator to yes at the order line schedule. Whereas, for SFO created in Oracle Projects, the agency can set the advance pay indicator only at the order header level.

The order is approved by both trading partners and is ready for use.

Refer to Process Flows for BIO, SFO and BIO and SFO created in G-Invoicing.

3. Performance Creation and Management:

A performance transaction is the exchange of data about the progress of an IGT order.

The servicing agency initiates and creates advance or delivery performance and pushes the performance details to federal G-Invoicing.

3.1 Advance Performance

The servicing agency can request for partial or full advance. The agency can select

the Request Full Advance upon Order Approval option, in the G-Invoicing Setup page, to automatically submit full advance for all order line schedules. If this option is not selected, then Oracle Projects does not submit full advance for any order line schedules. Refer to "Entering G-Invoicing Setup Options", page 3-9 for more details.

- You can request partial or full advance against advance-enabled orders. As you can see in the diagram, the servicing agency creates a request for an advance. Submits the advance performance and pushes the same to federal G-Invoicing.
- The requesting agency pulls the advance performance. When an advance performance transaction is pulled into Oracle CLM and staged, the details are inserted into the IGT Performance History table (PO_IGT_PERF_TRANS_HISTORY) with the performance type Advance and the transaction status as Pending Invoicing.
- The agency runs the *Intragovernmental Performance Integration to Payables* concurrent program to create a prepayment invoice in Oracle Payables. After the prepayment invoice is created, the status is updated to Success Invoicing in the history table.
- The servicing agency pulls the settled performance.
- The system generates funding and baselines the revenue budget.

Once the IPAC settlement is complete, the servicing agency runs the Pull Performance program which creates prepayment receipts, applies them to the order line schedules, and automatically generates funding for the project.

3.1 Adjustment Performance

In some cases, the servicing agency can create adjustment to the advance performance.

Refer to "Submitting Adjustment Performance", page 6-76 for more details.

- The servicing agency creates an adjustment against an advance performance, by entering a negative quantity.
The adjustment with the pending status is pushed to federal G-Invoicing.
- In federal G-Invoicing, the adjustment to advancement is created and the status is updated to settled.
- The requesting agency pulls the adjustment in the settled status into CLM or Purchasing. The agency must adjust the advance manually creating the refund or adjustment.

For a refund or adjustment transaction, the system removes the receipt amount and reduces the funding amount from the originally applied receipts. The amount of the

negative advance performance must be lesser than or equal to the delivered advance quantity.

3.2 Delivery Performance against Advance

After the advance or adjustment to advance performance is completed, the servicing can submit delivery performance to fulfill the order and pull the acceptance.

- The servicing agency creates the delivery performance and pushes it to federal G-Invoicing.
- The requesting agency pulls the delivery performance transactions from federal G-Invoicing and displays them in the IGT Performance page. the details are inserted into the IGT Performance History table (PO_IGT_PERF_TRANS_HISTORY).

The pulled performance data is integrated with receiving and payables for accounting. Based on the freight on board (FOB) value, the requesting agency runs the concurrent program to create a receipt or an invoice.

- Based on the Freight on Board (FOB) point setup, a two or three-way receipt matching is derived. If FOB is Source, a two-way matching is used, and the requesting agency does not send acceptance.

If FOB is Destination, the three-way receipt matching is used, and accounting entries are created for both delivered and received performance. The requesting agency creates a received performance.

The requesting agency runs the concurrent program, *Intragovernmental Performance Integration to Receiving Program*, that create a receipt and inserts the delivery performance data in the receiving open interface tables.

The requesting agency runs the concurrent program, *Intragovernmental Performance Integration to Payable Program* has run, a standard invoice is created in Oracle Payables.

The prepayment is applied automatically during invoice creation.

- The requesting agency pushes the accepted or received performance to federal G-Invoicing.
- The servicing agency pulls the acceptance from the federal G-Invoicing application.

Refer to "Intragovernmental Performance Integration with Receiving", page 5-54 for more details.

Refer to "Standard Invoice Creation During Delivered or Received Performance Integration with Payables", page 5-57 for more details.

Refer to "Intragovernmental Performance Integration with Payables", page 5-53

"" for more details.

Refer to "Intragovernmental Payment and Collection (IPAC) Settlement", page 6-99 for more details.

3.3 Adjustment or Refund to Delivery Performance

The servicing agency initiates an adjustment or refund to a delivered performance transaction by reducing the quantity when goods or services are delivered.

- If a refund is issued from a seller to a buyer, then the servicing agency creates a credit memo or concession invoice against the original invoice.
- The servicing agency runs the Generate Draft Invoice, the Interface Invoices to AR, the Autoinvoice Import, and the Tieback Invoices from Receivables concurrent programs to tie-back to AR receipt.
- The servicing agency creates and submits the delivery performance for the negative performance quantity. The performance is pushed to federal G-invoicing.
- The requesting agency pulls the adjustment or refund from the federal G-Invoicing.

When the adjustment is pulled into EBS and staged with the FOB point set to destination or source, details are inserted in the IGT Performance History table (PO_IGT_PERF_TRANS_HISTORY).

- The requesting agency runs the concurrent processes to adjust the receipt and create refund to reduce the delivered quantity.

Refer to "Receipt Correction for an Adjustment to Delivered Performance Integration with Receiving", page 5-57 for more details.

Refer to "Credit Memo Creation During an Adjustment to Delivered or Received Performance Integration with Payables", page 5-58 for more details.

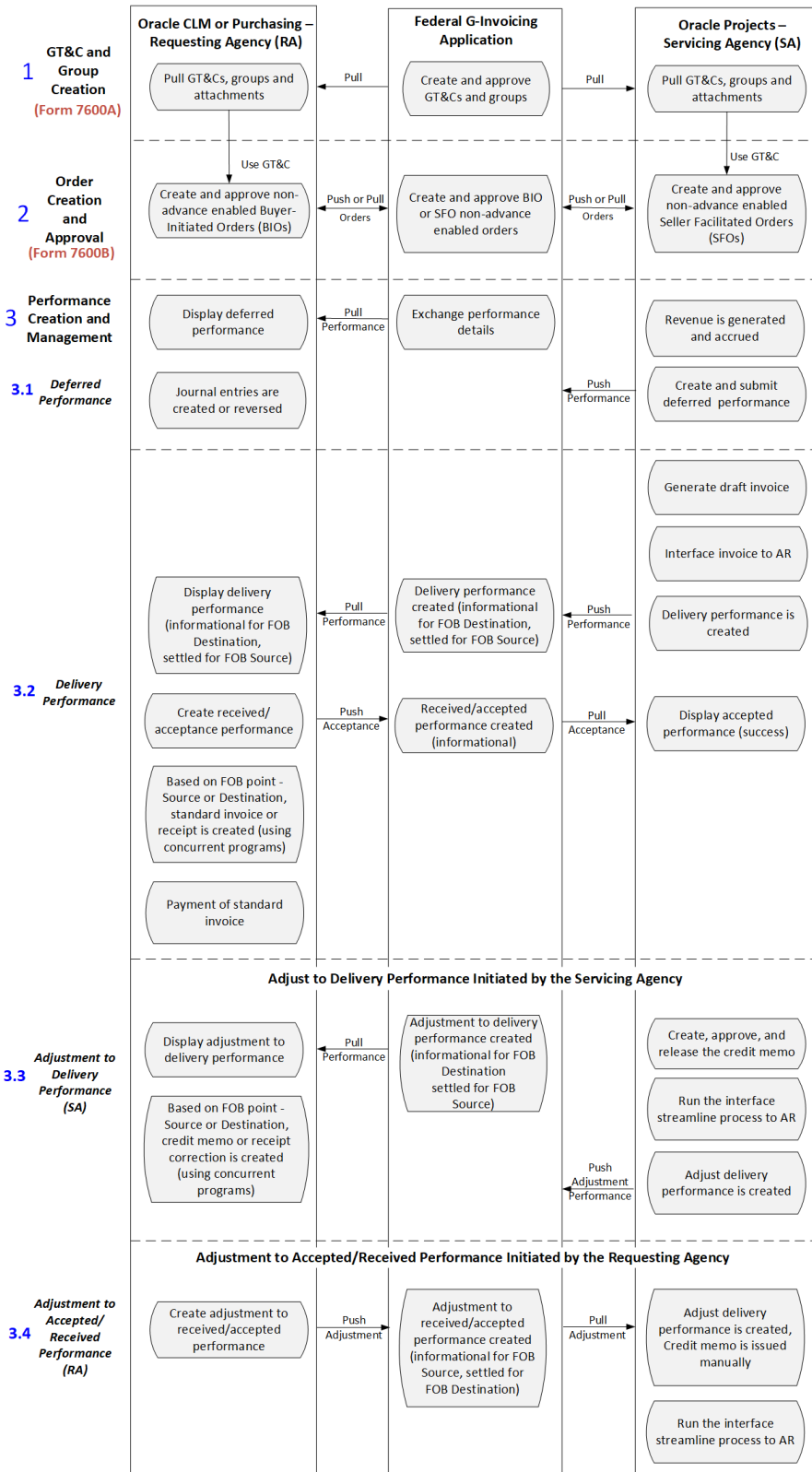
Refer to "Intragovernmental Payment and Collection (IPAC) Settlement", page 6-99 for more details.

Process Flow for Non-Advance Enabled Orders

As the name suggests, for a non-advance enabled IGT order, the servicing agency cannot request advance against. The agency can only submit a deferred or delivery performance for such orders.

The following diagram shows the flow of a non-advance enabled order:

Process Flow for Non-Advance Enabled Orders



The non-advance enabled IGT order flow is as follows:

1. GT&Cs and Groups Creation:

- Either agency creates a GT&C and group in the federal G-Invoicing application and shares with the trading partner.
- For creating BIO or SFO, select an appropriate Originating Partner Indicator.
- For advance-enabled orders, set the Advance Pay Indicator to Yes.
- The trading partner reviews and approves or rejects the GT&Cs.
- Both agencies can add attachments, pull GT&Cs and groups into EBS (Oracle Contract Lifecycle Management for Public Sector or iProcurement and Oracle Projects).

See "General Terms and Conditions (GT&Cs)", page 5-1 for more information.

2. Order Creation and Approval:

An order is created by either the requesting or the servicing agency (the order-initiating partner is specified in the GT&C), either in EBS or in the federal G-Invoicing application. This means there are four ways an order can be created.

- Buyer-initiated order (BIO) created in EBS
- Seller-facilitated order (SFO) created in EBS
- Buyer-initiated order (BIO) created in G-Invoicing
- Seller-facilitated order (SFO) created in G-Invoicing

The order is approved by both trading partners and is ready for use.

Refer to Process Flows for BIO, SFO and BIO SFO created in G-Invoicing.

3. Performance Creation and Management:

A performance transaction is the exchange of data about the progress of an IGT order.

The servicing agency initiates and creates delivery performance and pushes the performance details to federal G-Invoicing.

3.1 Deferred performance

- Before a deferred performance is created, the servicing agency must create actual transactions, such as expenditure or events. Refer to "Generating Deferred Performance", page 6-61 for more details.
- Generate revenue and revenue accounting events. It runs concurrent programs

to interface invoice to receiving.

- The servicing agency creates and submits the deferred performance.

When performance is submitted, it triggers the *PRC: Submit Intragovernmental Performance* program in the background. This runs the *MGT: Push Performance XML Generation* program and then the interface program to G-Invoicing, the *Intragovernmental Performance Interface* program.

Refer to "Submitting Deferred Performance", page 6-63" for more details.

- The requesting agency pulls the deferred payment and stages it in the IGT Performance page. The transaction is then interfaced with GL journal entries.

The deferred payments are accounted as accruals and are reversed when the requesting agency receives a new deferred payment for the same order line schedule.

For transactions in the Informational status, accrual journal entries are created in the status Pending Accounting. For transactions in the Deleted status, reversal journal entries are created in the status Pending Reversal. When journals are created successfully, the statuses in the history table are updated to Success Accounting and Success Reversal respectively.

Refer to "Integrate Deferred Performance for Journal Entry Creation", page 5-68 and "Journal or Reversal Journal in Purchasing Subledger Setup", page 5-71 for more details.

3.2 Delivery performance

- Before creating a delivery performance, the servicing agency must generate a draft invoice, approve, and release it.

- The agency runs a few concurrent programs to interface the invoice to receivables.

Refer to "Using Delivery Performance", page 6-65 for more details.

- The servicing agency then creates and submits the delivery performance that runs the performance interface program and pushes the delivery performance to federal G-Invoicing.

Oracle Projects calculates the latest deferred performance when generating the delivery performance. When a delivery performance is submitted, Oracle Projects submits the latest deferred performance and then the delivery performance consecutively. The deferred performance is also recalculated.

- The requesting agency pulls performance and creates the accepted/received performance. When delivery performance transactions are pulled, the expenses must be recorded by the requesting agency on the date when goods and

services are delivered and completed. Similarly, when there is a settlement for any performance, it must be accounted.

If FOB is Destination, the requesting agency runs the *Intragovernmental Performance Integration with Receiving* concurrent program that creates receipts for delivery performance.

The two or three-way matching is derived based on the Freight on Board (FOB) point of the order. If FOB is Source, the buyer does not have to send acceptance and the matching type is two-way. In the case of Destination, the matching type is three-way and accounting entries are created for both delivered and received performance.

The federal G-Invoicing application does not allow deferred and delivered performance for a quantity that exceeds the un-expensed balance.

The requesting agency runs the interface programs to create receipts and invoices.

Refer to "Intragovernmental Performance Integration with Receiving", page 5-54 for more details.

Refer to "Performance Accounting for Intragovernmental Transactions", page 5-53 for more details.

- The requesting agency pushes the accepted performance to federal G-Invoicing.
- The servicing agency receives acceptance of performance for FOB (destination, others) against the delivery performance.

3.3 Adjustment to Delivery Performance (SA)

- The servicing agency creates, approves, and releases a credit memo for the refund amount.
- The agency runs a few concurrent programs to interface the invoice to receivables.
- The agency pushes the negative delivered/performed adjustment to the federal G-Invoicing application as a credit memo.
- The requesting agency pulls the adjustment performance and initiates an adjustment to the received performance transaction by reducing the quantity when goods or services are received and accepted.

When an adjustment to a delivered performance is pulled into EBS and staged with the FOB point set to Source or Origin, then the details are inserted in the IGT Performance History table (PO_IGT_PERF_TRANS_HISTORY) with the transaction type Credit Memo and the status Pending Credit Memo. When the concurrent program **Intragovernmental Performance Integration to Payable**

Program has run, the credit memo is created in Oracle Payables and the status is updated to Success Credit Memo in the history table.

When an adjustment to a received or accepted performance is available in EBS with the FOB point set to Destination, details are inserted into the IGT Performance History table (PO_IGT_PERF_TRANS_HISTORY) with transaction type Credit Memo and with the status Pending Credit memo. When the concurrent program **Intragovernmental Performance Integration to Payable Program** is run, the credit memo is created in Oracle Payables and the status is updated to Success Credit Memo in the history table.

Refer to "Intragovernmental Payment and Collection (IPAC) Settlement", page 6-99 for more details.

Refer to "Performance Accounting for Intragovernmental Transactions", page 5-53 for more details.

3.4 Adjustment to Accepted or Received Performance (RA)

- The requesting agency creates an adjustment to received or accepted performance and pushes the negative performance to the federal G-Invoicing application.
- The servicing agency pulls the acknowledgement negative receipt/acceptance from federal G-Invoicing.
- The servicing agency creates a credit memo for the negative delivered adjustment performance. It is then pushed back to federal G-Invoicing for settlement.

Refer to "Performance Accounting for Intragovernmental Transactions", page 5-53 for more details.

G-Invoicing Setup and Administration: Requesting Agency

This chapter covers the following topics:

- Setting Up G-Invoicing
- Administering G-Invoicing
- Organizational Groups in G-Invoicing and Oracle E-Business Suite
- Setting Up Access Control
- Setting G-Invoicing Options
- Pulling Organizational Groups and Data
- Pulling TAS-BETC Details for a Group
- Pulling GT&Cs
- Pulling Groups for GT&Cs
- Pushing and Pulling IGT Orders
- Pulling and Pushing Performance Records
- Intragovernmental Performance Integration with Oracle Payables
- Intragovernmental Performance Integration with Receiving
- Viewing Request Status and Group Information
- Configuring Descriptive Flexfields for GT&C and Agency Information
- Configuring Descriptive Flexfields for Performance Accounting Transactions

Setting Up G-Invoicing

Prerequisites

- Review My Oracle Support Document 2600811.1 [<https://support.oracle>].

com/epmos/faces/DocumentDisplay?id=2600811.1], *G-Invoicing Integration*, for details about EBS G-Invoicing integration and patches.

- Confirm your use of Oracle E-Business Suite (EBS) Release 12.2.7 or later.
- Implement either Oracle Contract Lifecycle Management for Public Sector (CLM) or Oracle Purchasing.
- If you are using Oracle Purchasing, apply Patch 28654205:R12.PO.D.
- Implement Buyer Work Center for user defined attributes (UDAs).
- Implement Oracle General Ledger for integration with accounting, Oracle Federal Financials for TAS definition and related setup, and Oracle Payables for invoices, receipts, and payments.

Note: Reimbursable orders are supported only in Buyer Work Center, and local blanket releases are not supported by the EBS G-Invoicing solution.

To set up the EBS G-Invoicing solution:

1. Set up access control for G-Invoicing.
See Setting Access Control, page 2-12.
See also the Bureau of the Fiscal Service resources website: <https://www.fiscal.treasury.gov/g-invoice/resources.html>.
2. Enter security certificate and schema details and associate system IDs in the **G-Invoicing Options** page.
See G-Invoicing Options, page 2-15.
3. Set the following profile options:

Summary of Profile Options

Profile Option	Admin Update Levels	User	Required	Value	Description
G-Invoicing Service Host	Site	No	Yes	-	<p>Use this profile option to set the service host and port details.</p> <p>Obtain the service host value from the document <i>G-Invoicing System Interface Specifications - Pull</i> for general terms and conditions, orders and performance at https://fiscal.treasury.gov/g-invoice/resources.html.</p> <p>Example host names:</p> <p>Production: ws.igt.fiscal.treasury.gov</p> <p>Quality Assurance Current: .ws.igt.fiscal.treasury.gov</p> <p>Quality Assurance Future: qaf.ws.igt.fiscal.treasury.gov</p> <p>Functional Test: ft.ws.igt.fiscal.treasury.gov</p>

Profile Option	Admin Update Levels	User	Required	Value	Description
G-Invoicing Service Path	Site	No	Yes	-	<p>Use this profile option to set the service path details.</p> <p>Obtain the service host value from the document <i>G-Invoicing System Interface Specifications - Pull</i> for general terms and conditions, orders, and performance at https://fiscal.treasury.gov/g-invoice/resources.html.</p> <p>Example: /ginv/services</p>
G-Invoicing Integration Admin	Site, Application	No	Yes	-	<p>Enter the email address of the administrator to notify about problems communicating with the federal G-Invoicing application.</p>
FV: Federal Enabled	Responsibility	Yes	Yes	-	<p>To display and use the Intragovernmental option in the Requisitions window, set this profile option to Yes at the responsibility or user level.</p> <p>Note: Setting this profile option to Yes enables the funding official to approve IGT orders.</p>
MO: Default Operating Unit	Site, Application	-	-	-	<p>Enter the operating unit that you want to use by default.</p>

4. Include lookup codes for the PO IGT Object Class Code that exactly match the

object class codes used in the federal G-Invoicing application.

- To find the object class codes, log in to the Treasury portal, click the **Requesting Agency** tab, navigate to **Orders, Schedules**, and then **Funding Information**. The lookup codes are listed in the **Object Class Code** drop-down list.
- In EBS, switch to the *Functional Administrator* responsibility. Click the **Core Services** tab and then the **Lookups** tab. Search for the PO IGT Object Class Code lookup type in the **Lookup Types** page. Add the lookup codes that you require for your business.

For more information about lookups for G-Invoicing, see Predefined Lookups in CLM, *Oracle Contract Lifecycle Management for Public Sector Implementation Guide*.

5. Check and, if necessary, update the document style for intragovernmental transactions (IGTs). This document style is used for creating general terms and conditions (GT&Cs).
 - Switch to the *CLM Purchasing Super User* or the *Purchasing, US Federal* responsibility. Click **Setup**, then **Purchasing**, and then **Document Styles**.
 - To use the predefined document style, *IGT Document Style*:
 - If you are using Oracle Purchasing, then leave this document style as it is (unless you are using a custom workflow).
 - If you are using Oracle CLM, then select the **CLM Enabled** option. On the **Document Styles** page, enter IGT Document Style in the **Name** field. Select the **CLM Enabled** check box and click **Apply**.
 - To use a custom document style, use the **Documents Styles** page to create a new document style.
 - Select **IGT Enabled**. When you select this option, the document style is associated with IGTs and update is disabled.
 - Select **UDA Enabled**.
 - Select **CLM Enabled**.
 - In the **Document Controls** region, in the **Approval Workflow** field, select **PO IGT APPROVAL**.
 - In the **Workflow Startup Process** field, select **PO IGT Approval Top Process**.

Note: The line types used for G-Invoicing are Goods and Services. Temp Labor does not apply to IGTs. Therefore, the **Commodities** region on the **Document Styles** page includes only goods and services as purchase bases. By default, both types are selected.

For more information about custom document styles, see Document Styles, *Oracle Contract Lifecycle Management for Public Sector Implementation Guide*.

6. (Conditional) If you are using Oracle Approvals Management (AME), configure an approval workflow.

Include the following elements:

- Attribute: IGT_FLAG
- Condition: IGT_FLAG (Y)
- Approver group (approvers other than the funding and program officials, who are the *post approvers*)
- IGT Signature Group: IGT_SIGN_GROUP
- Rule: IGT_SIGNATURE_RULE

Note: On the **IGT Order** page, you can enter program and funding officials as post approvers. After the approvers from the AME workflow approve the order, the approval notification is sent to the post approvers.

7. (Optional) Enable e-signatures for program and funding officials.

If you use e-signatures for IGT order approval in Oracle CLM or Oracle Purchasing, then enable e-signatures for the program and funding officials.

Using the *CLM Purchasing Super User* or the *Purchasing, US Federal* responsibility, click **Setup**, then **Purchasing**, and then **Document Styles**.

Select an IGT document style and click **Update**.

In the **Document Controls** region, select **Enable e-Signature for Program and Funding Official**.

Click **Apply**.

8. Set purchasing options.

Using the *CLM Purchasing Super User* or the *Purchasing, US Federal* responsibility, click **Setup**, then **Organizations**, and then **Purchasing Options**. The **Purchasing**

Options page appears.

- (Optional) If you want a specific buyer to be automatically assigned to all GT&Cs, specify that buyer in the **Buyer** field in the **Document Defaults** region.

Note: A default buyer is mandatory in the purchasing options. If you want to set up multiple buyers to be used depending on certain attributes, then use the custom hook **PO_CUSTOM_IGT_PKG** to populate buyer names.

- In the **Receipt Accounting** region, specify when to accrue expense items: at period end, or at receipt.
 - In the **G-Invoicing Defaults** region, in the **Document Style for Pull** field, select the default document style that you created in the **Document Styles** page. All global and local styles that are related to the selected operating unit (OU) are available in this field. If you select a local document style, it must have the same OU as the one selected in the purchasing options.
9. Enter a default ship-to location in either the supplier details or the financial options. Use the *CLM Purchasing Super User* or the *Purchasing, US Federal* responsibility.
- Click **Buyer Work Center**, then **Suppliers**, and then **Purchasing** and then enter the ship-to location for the supplier site.
 - Search for a supplier and click **Update**.
 - In the side navigation panel, click **Purchasing**.
 - For financial options, click **Suppliers** and then **Purchasing**, and enter the ship-to location.
10. Review the predefined UDA templates and associated attributes, and compile each template before use.
- From the home page, select either the *CLM Purchasing Super User* or the *Purchasing, US Federal* responsibility.
 - Click **Setup**, then **Attribute Setup Workbench**, then **Attribute Templates**.
 - If you are using the predefined template, verify that the template has all the usages and attributes listed in this guide and that it is compiled.

For details on attribute templates, see Appendix: Attributes and Usages for Templates in G-Invoicing, page A-1.

The predefined attribute template for GT&Cs has only one header template. For IGT orders there are four templates: Header, Line, Schedule, and Distribution.

Note: If you use a custom UDA templates, create each template by first selecting a predefined template and then copying the usages, attributes, and groups. For modifications, you must also copy the document numbering and ensure that the template has modification context. If there is a change in an attribute group or template, then compile the template before you use it.

See Attribute Groups, Actions, and Functions for Templates in G-Invoicing, page A-21 for more information.

11. Create a servicing agency as a supplier and set the servicing agency location code (ALC) as the supplier site. Provide global details (the Trading Partner Agency Identifier) under **Organizations**, ALC for the bank account under **Banking Details** (click **Show Bank Account Details**) in the **Edit Supplier** page.
12. Enter the requesting ALC in the buying agency bank account details in the **Federal Controls** page.

Select the *Payables Super User* responsibility, then **Setup**, then **Bank Account**, then **Account Controls**, and then **Federal Controls**.

13. Add the Federal IGT UOM context to the UOM DFF, and set the **IGT** flag for the context to Yes.

Only the UOMs that you add to the Federal IGT UOM are used in intragovernmental transactions.

- To set up a UOM that is published in the G-Invoicing Portal and already exists in Oracle Purchasing, set the **IGT** flag to Yes for the Federal IGT UOM context.
- To set up a UOM that is published in the G-Invoicing Portal but does not exist in Oracle Purchasing, create the UOM in Oracle Purchasing and then set the **IGT** flag to Yes for the Federal IGT UOM context.

Note: According to the federal G-Invoicing specifications, only the UOMs that are published in the federal G-Invoicing Portal are accepted.

See: Defining Units of Measure, *Oracle Inventory User's Guide*

For G-Invoicing, Oracle CLM and Oracle Purchasing include the lookup type PO_IGT_UOM. Enable either the IGT UOM Context attribute1 (if it is not used for another purpose) or add the UOM codes in the PO_IGT_UOM lookup type. The IGT requisition and order pages display these units of measure.

When you define a unit of measure in EBS, ensure that the value of the **UOM** field in EBS matches the UOM code in G-Invoicing, and the value of the **UOM Name** field in EBS matches the UOM Description in G-Invoicing.

For example, if the federal G-Invoicing application has the UOM code *KG* with the description *kilogram*, then in EBS you must enter *KG* in the UOM field and *kilogram* as the UOM name. If these values are not set correctly, then the pull process for seller-facilitated orders (SFO) could fail.

14. Enter security certificate details and associate the system IDs that you received from the Treasury with the appropriate operating units. Do this on the **G-Invoicing Options** page.

See G-Invoicing Options, page 2-15 for more information.

For more information about configuring keystore and truststore details and copying the Fiscal Service schema, refer to My Oracle Support Document 2600811.1 [<https://support.oracle.com/epmos/faces/DocumentDisplay?id=2600811.1>], *G-Invoicing Integration*.

15. (Conditional) Update line types.

If you are using Oracle CLM or Oracle Purchasing as a financial system and you pull approved orders to track obligations and performance, then you must set the default categories for goods and services line types. If the unit price is equal to \$1 for all the schedules in an order line, then the lines are treated as amount-based lines. Otherwise, they are treated as goods-based lines. Based on the above condition, the system derives the first line type available that has an assigned category.

To set a default category for each line type, perform the following steps.

- Select either the *CLM Purchasing Super User* or *Purchasing, US Federal* responsibility.
- Click **Setup**, then **Purchasing**, then **Line Types**.
- Locate the **Goods** line type and click **Update**.
- In the **Update Line Type** page, select a category and click **Apply**. The value specified in this page is used by default when an IGT order is created.

You can override the line type and category using the custom hook `PO_IGTORD_CUSTOM`.

- Repeat Steps 3 and 4 for the **Services** line type.

Note: If the FOB point is Source or Origin, then two-way matching is used by default. If the FOB point is Destination or

Other, then three-way matching is used.

Administering G-Invoicing

The following tasks accomplish the actual exchange of data. Schedule concurrent programs to run regularly to maintain the flow of data.

1. Pull group definitions for requesting and servicing agency accounts from the federal G-Invoicing application by running the *Intragovernmental Groups for Agency Interface Program*. After you run this program, the application automatically runs another program to pull the TAS-BETCs.

See Pulling Organizational Groups and Data, page 2-17 and Pulling TAS-BETCs for a Group, page 2-17 for more information.

2. Pull GT&C data from the federal G-Invoicing application by running the *Intragovernmental Agreements (GT&C) Interface Program*. After you run this program, the application automatically runs another program to process the retrieved data and create the GT&Cs in EBS.

See: Pulling GT&Cs, page 2-18

3. Pull groups that are assigned to GT&Cs in the federal G-Invoicing application into Oracle EBS. When an agency user creates an IGT order and selects GT&Cs, only the groups and ALCs assigned to the selected GT&Cs are available.

See: Pulling Groups for GT&Cs, page 2-20

4. Push order data from Oracle EBS to the federal G-Invoicing application by running the *Intragovernmental Orders Interface Program*.

See: Pushing and Pulling IGT Orders, page 2-21

Note: You do not need to schedule or run the *PO IGT Order Generate & Push XML* concurrent program manually. The *PO IGT Order Generate & Push XML* program generates the XML after the order is approved within the requesting agency.

5. Pull performance transactions into Oracle EBS.

See: Pulling and Pushing Performance Records, page 2-22

6. (Optional) Set up and maintain group security for IGT documents.

You can use the predefined securing attribute IGT_GROUP_ID to restrict a user's access only to documents for a specific group or groups. In the **Users** window, click

the **Securing Attributes** tab, select the **IGT_GROUP_ID** attribute, and enter the group ID. You can grant a user access to multiple groups by associating the user with more than one group ID.

Note: You can get the group ID from the federal G-Invoicing application or from a GT&C document.

See *Organizational Groups in G-Invoicing and Oracle E-Business Suite*, page 2-11 for more information.

Organizational Groups in G-Invoicing and Oracle E-Business Suite

In the federal G-Invoicing application, administrators control access to intragovernmental transaction (IGT) documents by group assignment. Each user in the federal G-Invoicing application belongs to a group, and can only access IGT documents for that group. Documents with controlled access include GT&Cs, orders, and performance records, and attachments to those documents.

Groups in Oracle E-Business Suite

To push and pull IGT data to and from the federal G-Invoicing application, the group structures in your agency's system must mirror the group structures in the federal application. Oracle EBS accomplishes this through the association of a system ID with an agency and operating unit. See *G-Invoicing Options*, page 2-15 for more information about this association.

After you pull group information (See *Administering G-Invoicing*, page 2-10 and *Pulling Organizational Groups and Data*, page 2-17) the following information is available in Oracle EBS:

- Groups for GT&Cs
- Groups in agency accounts
- TAS and BETCs details for groups

Who Can Access G-Invoicing Data in Oracle EBS

Oracle EBS uses operating units to control access to IGT documents in Oracle CLM, Oracle Purchasing, and Oracle Projects. Optionally, you can further restrict access at the user level by using the predefined **IGT_GROUP_ID** securing attribute to associate a user with a specific group or groups. If a user is not associated with a group, then the user can view IGT documents for all groups in the same operating unit.

Viewing Group Details

Users at a requesting agency can view group information based on their security setup. The group information is available in the following locations:

- **GT&Cs** tab: In the **Controls** region, the **Requesting Group Information** and **Servicing Information** regions display operational group names and agency location codes. When you create an IGT order, you must select requesting and servicing group details and ALC details.
- **IGT Orders**: In the **Headers** subtab, the **Requesting Group Information** and **Servicing Information** regions display operational group names and agency location codes.

Setting Up Access Control

Access to Oracle G-Invoicing is set up using Role Based Access Control (RBAC). If you create a custom responsibility or menu structure, refer to the following tables to set up access control.

The following roles, menus and functions control access to the G-Invoicing features.

G-Invoicing Roles

Role Name	Role Code	Description
IGT Configuration Role	UMX IGT_CONFIG	Allows the user to access and update the G-Invoicing Options, G-Invoicing Requisitions, and G-Invoicing Groups pages.
IGT GTC Viewer Role	UMX IGT_GTC_VIEWER	Allows the user to view GT&Cs in Oracle CLM and Oracle Purchasing.
IGT Order Manager Role	UMX IGT_ORDER_MANAGER	Allows the user to create, modify, and view orders in Oracle CLM and Oracle Purchasing. Allows the user to access the G-Invoicing Groups TAS/BETCs page.

Role Name	Role Code	Description
IGT Order Viewer Role	UMX IGT_ORDER_VIEWER	Allows the user only to view orders.
IGT Performance Manager Role	UMX IGT_PERFORMANCE_MANGER	Allows the user to create and view performance transactions.

G-Invoicing Menus

Menu Name	Menu Code
PO IGT View GT&C Sub Tab	PO_IGT_GTNC_SUBTAB
PO IGT Orders Sub Tab	PO_IGT_ORDERS_SUB_TAB
PO IGT Order Modifications Sub Tab	PO_IGT_ORDER_MODS_SUB_TAB
PO IGT Performance Sub Tab	PO_IGT_PERF_SUB_TAB
PO Unprocessed IGT Request Sub Tab	PO_IGT_UNPRSSD_REQ_SUBTAB
iProcurement: Non-Catalog Request IGT	ICXPOR_NONCATALOG_IGT

G-Invoicing Functions

User Function Name	Function Code
G-Invoicing Configuration Page	PO_IGT_CONFIG_FN
PO GT&C Summary Page	PO_IGT_GTNC_SUMMARY
PO GT&C Details Page	PO_IGT_GTNC_DTLS
PO IGT Orders Summary Page	PO_IGT_ORDERS_SUMMARY
PO IGT Order Modifications Summary Page	PO_IGT_ORDER_MOD_SUMMARY

User Function Name	Function Code
PO IGT Performance Summary Page	PO_IGT_PERF_SUMMARY
PO IGT Performance View/Update Page	PO_IGT_PERF_VIEW_UPDATE
iProcurement: Non-Catalog Page IGT	ICXPOR_NONCAT_PAGE_IGT
PO IGT Notifications	PO_IGT_NOTIF
Performance Notification	PO_IGT_PERF_NOTIF
G-Invoicing Requests Page	PO_IGT_REQUESTS_FN
G-Invoicing Groups Page	PO_IGT_GROUPSTREE_FN
G-Invoicing TASBETC Page	PO_IGT_TASBETC_FN

G-Invoicing Permission Sets

Permission Set Name	Permission Set Code
IGT Configuration Permission Set	IGT_CONFIG_PS
PO IGT View GTC Permission Set	PO_IGT_VIEW_GTC_PS
PO IGT Update Order Permission Set	PO_IGT_UPDATE_ORDER_PS
PO IGT View Order Permission Set	PO_IGT_VIEW_ORDER_PS
PO IGT Update Performance Permission Set	PO_IGT_UPDATE_PERFORMANCE_PS
ICX Intragovernmental Request Permission Set	ICX_NONCAT_IGT_PS

G-Invoicing Grants

Grant Name	Permission Set Name	Access Role	Responsibility
IGT GTC Viewer Grant	PO IGT View GTC Permission Set	IGT GTC Viewer Role	CLM Super User or Purchasing, US Federal
IGT Order Manager Grant	PO IGT Update Order Permission Set	IGT Order Manager Role	CLM Super User or Purchasing, US Federal
IGT Order Viewer Grant	PO IGT View Order Permission Set	IGT Order Viewer Role	CLM Super User or Purchasing, US Federal
IGT Configuration Grant	IGT Configuration Permission Set	IGT Configuration Role	CLM Super User or Purchasing, US Federal
IGT Performance Manager Grant	PO IGT Update Performance Permission Set	IGT Performance Manager Role	CLM Super User or Purchasing, US Federal
ICX: Intragovernmental Request Access Grant	ICX Intragovernmental Request Permission Set	ICX: Intragovernmental Request Access Role	CLM iProcurement or Federal iProcurement

Setting G-Invoicing Options

Use the **G-Invoicing Options** page to add security certificate and schema details and to associate system IDs.

Adding Security Certificate and Schema Details

Prerequisites

You must complete the following steps before you add security certificate details:

- Configure keystore and truststore details to integrate with the federal G-Invoicing application.
- Copy the Fiscal Service schema to the Oracle E-Business Suite middle tier to enable

REST services integration with the federal G-Invoicing application.

To add security certificate details, perform the following steps:

1. From the **Home** page, click the *CLM Purchasing Super User* responsibility.
2. Click **Setup**, then **Organizations**, and then **G-Invoicing Options**.
3. In the **Security Certificate Details** region, enter a truststore path and a truststore password. The path is the location in which you store the certificate provided by the Treasury.
4. Enter a keystore path and a keystore password. The path is the location in which you store the certificate that you provide for verification.
5. In the **Schema Details** region, enter the order schema path. This is the location of the Order Schema XSD file.
6. Enter the performance schema path. This is the location of the Performance Schema XSD file.

Associating System IDs

Each federal agency has one or more system IDs allocated to it. In Oracle EBS, agencies generally correlate with operating units. To ensure the accurate exchange of G-Invoicing data between Oracle EBS and the federal G-Invoicing application, you must associate each system ID with the appropriate agency and operating unit.

1. In the **Associate System IDs** region, select the agency type. If the requesting and servicing agencies share the same organization hierarchy and have the same system ID, then select **Both**. Otherwise, select **Requesting Agency**.
2. Select the operating unit to associate with the system ID.
3. Enter the system ID provided to you by the federal government.
4. In the **Requesting Agency Order Creation and Approval** list, select the initiation point or interface origin for your orders.

If you plan to create and approve intragovernmental orders in EBS, then select **E-Business Suite**. If you are using EBS as a financial system and the federal G-Invoicing application to create intragovernmental transactions, then select **G-Invoicing**. The default value is **E-Business Suite**.

You can switch the value from G-Invoicing to E-Business Suite but not vice-versa. If you create a transaction using an operating unit and associate it to a system ID, then you cannot delete the row on the **G-Invoicing Options** page.

5. Click **Apply**.

To remove this mapping, click **Delete**. Once you create a transaction in the operating unit associated with the system ID, then the Delete option is disabled.

Important: Each time you apply a consolidation patch, you should return to this page and click **Apply**.

Pulling Organizational Groups and Data

To pull group definitions from the federal G-Invoicing application into Oracle EBS, run the *Intragovernmental Groups for Agency Interface Program*. Schedule this program to run as often as needed to keep the G-Invoicing data current.

When you run this program, the application automatically runs the *Intragovernmental TAS-BETCs for Group Interface Program*. See Pulling TAS-BETCs Details for a Group, page 2-17 for more information.

1. If you are in a different responsibility, switch to *CLM Purchasing Super User*.
2. On the home page, click **Reports** and then **Schedule Requests**.
The **Schedule Request: Define** page appears.
3. Select **New Request**.
4. In the **Program Name** field, enter Intragovernmental Groups for Agency Interface Program.
5. In the **Parameters** tab, enter the following details:
 - **Agency Type:** Select **Requesting Agency**.
 - **Operating Unit:** Select the operating unit for which you want to pull the group information.
6. Submit the concurrent request.

When the concurrent program successfully pulls the group hierarchy and its information, you can see the details in the **G-Invoicing Groups** page. From the **Home** page, using either the *CLM Purchasing Super User* or the *Purchasing, US Federal responsibility*, click **Setup**, then **Organizations** and then **G-Invoicing Groups**.

Pulling TAS-BETC Details for a Group

Normally, you do not need to perform this task because when you run the *Intragovernmental Groups for Agency Interface Program*, the application automatically runs

the *Intragovernmental TAS-BETCs for Group Interface Program* to pull TAS-BETC details. However, if you encounter errors, then you can run this program manually.

1. If you are in a different responsibility, switch to *CLM Purchasing Super User*.
2. On the **Home** page, click **Reports** and then click **Schedule Requests**. The **Schedule Request: Define** page appears.
3. Click **New Request**.
4. In the **Program Name** field, enter *Intragovernmental TAS-BETCs for Group Interface Program*.
5. In the **Parameters** tab, enter the following details:
 - **Agency Type:** Select **Requesting Agency**.
 - **Operating Unit:** Select the operating unit for which to pull TAS-BETC details.
 - **Group Name:** Select the name of the group for which to pull TAS-BETC details.
6. Submit the concurrent request.

Note: Schedule this program to run as often as required to keep the G-Invoicing data current.

After you pull TAS-BETC details, you can view the details for a specific group. Select the *CLM Purchasing Super User* or the *Purchasing, US Federal* responsibility. Click **Setup**, then **Organizations**, then **G-Invoicing Groups TAS/BETCs**, and search for a group.

Pulling GT&Cs

When you pull GT&Cs, the program returns a list of GT&Cs and attachments, for which Oracle EBS then pulls the XML data and stores it locally.

Note: Oracle EBS pulls GT&C data based on the parameters available in the concurrent program.

If GT&Cs are subsequently modified then Oracle EBS pulls the data again, based on the last-modified date, to synchronize with previously created GT&Cs. Schedule the concurrent program to run regularly to keep the data current.

To pull GT&C data from the federal G-Invoicing application to Oracle EBS, run the *Intragovernmental Agreements (GT&C) Interface Program*.

1. If you are in a different responsibility, switch to *CLM Purchasing Super User*.
2. On the home page, click **Reports** and then click **Schedule Requests**. The **Schedule Request: Define** page appears.
3. Click **New Request**.
4. In the **Program Name** field, enter *Intragovernmental Agreements (GT&C) Interface Program*.
5. In the **Parameters** tab, enter the following details:
 - **Agency Type:** Select **Requesting Agency**.
 - **Request Mode:** Keep the default value, which is **Pull**.
 - **Request Type:** Select **Get GT&C List**.
 - **Operating Unit:** Select the operating unit for which to pull GT&C data.
 - **Agency Location Code:** Optional. Specify an ALC for which to retrieve GT&Cs. If you do not specify an ALC, then the application retrieves the data for all ALC codes mapped to the specified OU.
 - **Document Number:** Optional. Enter a GT&C number (from the federal G-Invoicing application) to retrieve GT&Cs for that document. If you leave this field blank, then the application retrieves GT&Cs for all documents that are in the status that you select in the **Document Status** field.
 - **Document Status:** Select **Closed** or **Open for Orders**. The program retrieves data for GT&Cs in the selected status.
 - **Process Error Documents:** The default value is **No**. Select **Yes** to process documents that had errors during the last attempt. If you select **Yes** and specify a GT&C number, then only that document is processed. If you do not specify a GT&C number, then all GT&Cs with errors are processed.
6. Submit the concurrent request.

Note: After you run the *Intragovernmental Agreements (GT&C) Interface Program* to retrieve GT&C data, the *Intragovernmental Agreements (GT&C) Import Program* runs automatically to process retrieved data and creates the GT&Cs in Oracle EBS. You do not need to submit a request to run the import program unless the first run ends with errors. In that case, correct the errors and then run

the import program again with the *Process Error Documents* parameter set to **Yes**.

The requesting administrator receives a notification when this concurrent program has run. The notification contains a list of GT&Cs that were created or modified or that ended with errors. The administrator can review the errors and take appropriate action.

Note: Schedule this program to run as often as required to keep the G-Invoicing data current.

Pulling Groups for GT&Cs

After you pull GT&Cs from the federal G-Invoicing application, you must pull information about the groups associated with each GT&C.

To pull groups for GT&Cs in Oracle EBS, run the *Intragovernmental Groups for GT&C Interface Program*.

1. If you are in a different responsibility, switch to *CLM Purchasing Super User*.
2. On the home page, click **Reports** and then click **Schedule Requests**. The **Schedule Request: Define** page appears.
3. Select **New Request**.
4. In the **Program Name** field, enter *Intragovernmental Groups for GT&C Interface Program*.
5. In the **Parameters** tab, enter the following details:
 - **Agency Type:** Select **Requesting Agency**.
 - **Operating Unit:** Select the operating unit for which to pull GT&C data.
 - **GTC Number:** To pull group information for a specific GT&C, enter the GT&C number.

If you do not enter a number, then the application processes all the pending requests while pulling GT&Cs and GT&C modifications.

See *Pulling GT&Cs*, page 2-18 for more information.

- **Process Error Documents:** Select **Yes** to process error logs. If you select **Yes** and specify a GT&C number, then only that GT&C is processed. If you do not specify a GT&C number, then all GT&Cs with errors are processed. The default value is **No**.

6. Submit the concurrent request.

Note: Schedule this program to run as often as required to keep the G-Invoicing data current.

Pushing and Pulling IGT Orders

Requesting agencies create and preapprove orders in Oracle Purchasing or Oracle CLM and then push order data to the G-Invoicing application. Servicing agencies then pull the data into Oracle Projects, where they add and update their details as required. After a servicing agency provides the necessary information and approves an order in Oracle Projects, the servicing agency pushes the same order back to the federal G-Invoicing application using the same concurrent program. At that point, the order status in the federal G-Invoicing application changes to Open.

To pull or push orders, run the *Intragovernmental Order Interface Program*.

1. If you are in a different responsibility, switch to *CLM Purchasing Super User*.
2. On the home page, click **Reports** and then click **Schedule Requests**. The **Schedule Request: Define** page appears.
3. Select **New Request**.
4. In the **Program Name** field, enter Intragovernmental Orders Interface Program.
5. In the **Parameters** tab, enter the following details:
 - **Agency Type:** Select **Requesting Agency**.
 - **Request Mode:** Select **Push** to send data to or **Pull** to retrieve data from the federal G-Invoicing application.
 - **Request Type:**
 - If the request mode is pull, then select from the following values:
 - Get Order Attachment
 - Get Order List
 - Get Order by ID
 - If the request mode is push, then select from the following values:
 - Post Attachments
 - Post Orders

- **Operating Unit:** Specify the operating unit.
- **Agency Location Code (Optional):** To retrieve data for a specific agency, select its agency location code (ALC).
- **Document Number (Optional):** To run the program for a specific order, enter the document number.
- **Document Status (Optional):** If you specify a status, then the program only processes documents that are in that status.
- **Process Error Documents:** If you select **Yes** and specify an order number, then errors for only that order are processed. If you do not specify a order number, then all orders with errors are processed. The default value is **No**.

6. Submit the concurrent request.

Note: Schedule this program to run as often as required to keep the G-Invoicing data current.

Note: After an order is approved within the requesting agency, the *PO IGT Order Generate & Push XML* process generates the XML.

You need not run the program manually, because it runs automatically when the *Intragovernmental Orders Interface Program* runs successfully.

Pulling and Pushing Performance Records

To pull or push performance transactions in XML format, run the *Intragovernmental Performance Interface Program*.

1. If you are in a different responsibility, switch to *CLM Purchasing Super User*.
2. On the home page, click **Reports** and then click **Schedule Requests**. The **Schedule Request: Define** page appears.
3. Select **New Request**.
4. In the **Program Name** field, enter *Intragovernmental Performance Interface Program*.
5. In the **Parameters** tab, enter the following details:
 - **Agency Type:** Select **Requesting Agency**.

- **Request Mode:** Select a request mode.
 - **Request Type:** Select a request type from the list.
 - **Operating Unit:** Select the operating unit to retrieve data for that OU.
 - **Agency Location Code:** Select an agency location code to retrieve data for that agency. You can leave this parameter blank to retrieve data for all ALCs defined for the OU.
 - **Order Number (Optional):** Enter the order number to run the program for a specific order.
 - **Performance Number (Optional):** Enter the performance number to run the program for a specific order.
 - **Performance Status: (Optional):** Select the performance status to run the program for a specific performance status.

Agencies can now pull deleted performances by selecting the performance status.
 - **Process Error Documents:** If you select **Yes** and specify a performance number, then errors for only that document are processed. If you do not specify a document number, then all errors are processed. The default value is **No**.
6. Submit the concurrent request.

Note: Schedule this program to run as often as required to keep the G-Invoicing data current.

Intragovernmental Performance Integration with Oracle Payables

This concurrent program creates an invoice without invoice validation, accounting, and payment. The status in the history table displays Success Invoicing. If you use this concurrent program, then you will need to validate, account, and post to GL manually or using Oracle Payables programs.

To run the *Intragovernmental Performance Integration to Payables* concurrent program:

1. If you are in a different responsibility, switch to *CLM Purchasing Super User*.
2. Click **Requests** and then click **Submit a New Request**.
3. In the **Name** field, enter *Intragovernmental Performance Integration to Payables Program*

The **Submit Requests: Define window** appears.

4. Select an operating unit.
5. (Optional) Select an order number.
6. Select an invoice type:
 - **Prepayment Invoice** (advance performance)
 - **Standard Invoice** (delivery performance)
 - **Credit Memo**
7. In the **Process Error Documents** field, select **Yes** or **No**. If you select **Yes** and specify an order number, then only that order is processed. If you do not specify an order number, then all orders with errors are processed. The default value is **No**.

Intragovernmental Performance Integration with Receiving

When FOB is Destination, this concurrent program creates receipts for delivery performance and corrections to receipts when there is an adjustment to a delivery performance.

To run this program, perform the following steps.

1. Navigate to the *CLM Purchasing Super User* responsibility or *Purchasing* responsibility.
2. Click **Requests**.
3. Select **Submit a New Request**. The **Submit Requests: Define window** appears.
4. Search for and select the *Intragovernmental Performance Integration to Receiving Program*.
5. Select your operating unit.
6. Optional. Select the order number.
7. In the **Process Error Documents** field, select **Yes** or **No**. If you select **Yes** and specify an order number, then only that order is processed. If you do not specify a document number, then all orders with errors are processed. The default value is **No**.

Viewing Request Status and Group Information

Administrators can view G-Invoicing requests to track the request status of each exchange of data with the federal G-Invoicing application. You can also view request and response XML by document number. To view the request status along with the IGT document number and related parameters, navigate to the **G-Invoicing Requests** page.

Viewing Organizational Group Structure

Users with the Order Manager (Administrator) and Order Viewer roles can view TAS and BETC details on the **G-Invoicing Groups TAS/BETCs** page. This page displays the information that was defined in the federal G-Invoicing application and pulled into Oracle E-Business Suite.

You can access this page from the **Order Summary** page and the **Update Order** page.

This page displays the following details related to organizational group structure:

- Group name
- Description
- ID
- Status
- Agency Location Code
- Creation Date
- Last Update Date
- Deactivation Date

The **TAS Filters** region displays the following details:

- Agency Identifier
- Allocation Transfer Agency (ATA)
- Subaccount
- Main Account

Viewing TAS and BETC Details for a Group

Enter the agency type, the operating unit, and the group name to retrieve the TAS and BETC details. There may be multiple TAS and BETC combinations available for a

group.

The **G-Invoicing Groups TAS/BETCs** page displays the following details:

- Sublevel Prefix
- Agency ID
- Availability Type
- Beginning Period of Availability (BPOA)
- Ending Period of Availability (EPOA)
- Main Account
- Subaccount
- Business Event Type Code (BETC)

Configuring Descriptive Flexfields for GT&C and Agency Information

You must add the DFF context code PR_IGT_AGENCY_INFO for the requisition header DFFs to capture GT&C and agency information. This is done in Oracle Purchasing.

Add the DFF context

1. Switch to the *Purchasing, US Federal* responsibility.
2. Click **Setup**, then **Flexfields**, then **Descriptive**, and then **Segments**. The **Descriptive Flexfield Segments** window appears.
3. In the **Title** field, query Requisition Headers.
4. Unfreeze the flexfield definition.
5. In the **Context Field Values** multi-record block, in a new record, enter PR_IGT_AGENCY_INFO in the **Code** field.
6. With the new record selected, click **Segments**. The **Segments Summary** window appears.
7. Add the following segments for the context you defined:

DFF Definitions for GT&C and Agency

Number	Name	Window Prompt	Column	Value Set
10	SOURCE_DOC_ID	GT&C	ATTRIBUTE	PO_IGT_GTNC_DOC
15	REQ_GROUP_INFO	Requesting Group	ATTRIBUTE	PO_IGT_REQ_GROUP_F
20	REQ_ALC_INFO	Requesting ALC	ATTRIBUTE	PO_IGT_REQ_ALC_F
25	SER_GROUP_INFO	Servicing Group	ATTRIBUTE	PO_IGT_SERV_GROUP_F
30	SER_ALC_INFO	Servicing ALC	ATTRIBUTE	PO_IGT_SERV_ALC_F

Defining Segments

Number	Name	Window Prompt	Column	Value Set	Enabled
10	SOURCE_DOC_ID	GT&C	ATTRIBUTE5	PO_IGT_GTNC_DOC	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
15	REQ_GROUP_INFO	Requesting Group	ATTRIBUTE1	PO_IGT_REQ_GROUP_F	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
20	REQ_ALC_INFO	Requesting ALC	ATTRIBUTE2	PO_IGT_REQ_ALC_F	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
25	SER_GROUP_INFO	Servicing Group	ATTRIBUTE3	PO_IGT_SERV_GROUP_F	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
30	SER_ALC_INFO	Servicing ALC	ATTRIBUTE4	PO_IGT_SERV_ALC_F	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
					<input type="checkbox"/> <input type="checkbox"/>
					<input type="checkbox"/> <input type="checkbox"/>
					<input type="checkbox"/> <input type="checkbox"/>
					<input type="checkbox"/> <input type="checkbox"/>
					<input type="checkbox"/> <input type="checkbox"/>

Value Set New Open

Compile Segments

Note: Ensure that the DFF attribute name is as given in the DFF Definitions for GT&C and Agency table above. In the **Column** field, enter any attribute available at your site. The value sets displayed in the table are predefined and you can use them when defining attributes. Mark all the attributes as required and entered when creating IGT requisitions in Oracle Purchasing.

Define a DFF for GT&Cs and Associate a Value Set

Define a DFF for GT&Cs and associate a value set as shown in the DFF Definitions for GT&C and Agency table above and in the Segments (Requisition Headers) image:

Segments (Requisition Headers)

The screenshot shows the configuration interface for a Descriptive Flexfield Segment. The main window is titled "Segments (Requisition Headers) - Agency Information".

Segment Information:

- Name: SOURCE_DOC_ID
- Column: ATTRIBUTES
- Description: (empty)
- Number: 10
- Enabled:
- Displayed:

Validation:

- Value Set: PO_IGT_GTNC_DOC
- Description: GT and C Documents
- Default Type: (empty)
- Default Value: (empty)
- Required:
- Security Enabled:
- Range: (empty)

Sizes:

- Display Size: 20
- Description Size: 50
- Concatenated Description Size: 25

Prompts:

- List of Values: SOURCE_DOC_ID
- Window: GT&C

Buttons at the bottom: Value Set, Compile, Segments.

Define a DFF for the Requesting Agency ALC and Associate a Value Set

Define a DFF for the requesting agency location code (ALC) and associate a value set as shown below:

Defining Value Sets for Requesting Agency Information

The screenshot displays the configuration interface for a Descriptive Flexfield Segment. The main window is titled "Segments (Requisition Headers) - Agency Information".

Segment Information:

- Name: REQ_ALC_INFO
- Column: ATTRIBUTE2
- Number: 20
- Enabled:
- Displayed:

Validation:

- Value Set: PO_IGT_REQ_ALC_F
- Description: PO IGT Requesting Agency ALC for Fo
- Default Type: [Empty]
- Default Value: [Empty]
- Required:
- Security Enabled:
- Range: [Empty]

Sizes:

- Display Size: 50
- Description Size: 50
- Concatenated Description Size: 25

Prompts:

- List of Values: REQ_ALC_INFO
- Window: Requesting ALC

Buttons at the bottom: Value Set, Compile, Segments.

Define a DFF for the Servicing Agency ALC and Associate a Value Set

Define a DFF for the servicing agency location code (ALC) and associate a value set as shown below:

Defining Value Sets for Servicing Agency

The screenshot shows the 'Segments (Requisition Headers) - Agency Information' configuration window. The 'Name' field is 'SER_ALC_INFO', 'Column' is 'ATTRIBUTE4', and 'Number' is '30'. The 'Value Set' is 'PO_IGT_SERV_ALC_F' with a 'Description' of 'PO IGT Servicing Agency ALC for Forr'. The 'Default Type' is 'Required'. The 'List of Values' is 'SER_ALC_INFO' and the 'Window' is 'Servicing ALC'. The 'Display Size' is 50, 'Description Size' is 50, and 'Concatenated Description Size' is 25. The 'Value Set' button is highlighted.

TAS Validation Extension

Add a custom validation and extension to validate TAS.

Validate the TAS derived for the funding segment in the charge account against the requesting group entered for the DFF. Retrieve the requesting group and the requesting ALC captured in DFFs and invoke the following program:

```
icx_por_igt_validations.validate_igt_tas_betc
```

Configuring Descriptive Flexfields for Performance Accounting Transactions

Set up the following DFFs to maintain a link between performance transactions and the corresponding receiving transactions.

Note: Do not set up DFFs to link performance transactions with Oracle Payables invoices. That connection is already defined using the reference columns of the invoice tables.

DFF Definitions for Performance Accounting Transactions

Application	Title	Context	Segments			
			Sequence Number	Name	Window Prompt	Column
Purchasing	RCV_SHIPMENT_HEADERS	IGT Performance	10	Performance Number	Performance Number	ATTRIBUTE
			20	Performance ID	Performance ID	ATTRIBUTE
Purchasing	RCV_SHIPMENT_LINES	IGT Performance	10	Performance Number	Performance Number	ATTRIBUTE
			20	Performance Detail Number	Performance Detail Number	ATTRIBUTE
			30	Performance Detail ID	Performance Detail ID	ATTRIBUTE
Purchasing	RCV_TRANSACTION	IGT Performance	10	Performance Number	Performance Number	ATTRIBUTE
			20	Performance Detail Number	Performance Detail Number	ATTRIBUTE
			30	Performance Detail ID	Performance Detail ID	ATTRIBUTE

Defining Descriptive Flexfields for Performance Accounting

When you define each DFF for performance accounting, use the exact title, context, and name specified in the DFF Definitions for Performance Accounting Transactions table

above. You can use any available attributes for the columns.

To define the RCV_SHIPMENT_HEADERS DFF:

1. Switch to the *Application Developer, US Federal* responsibility.

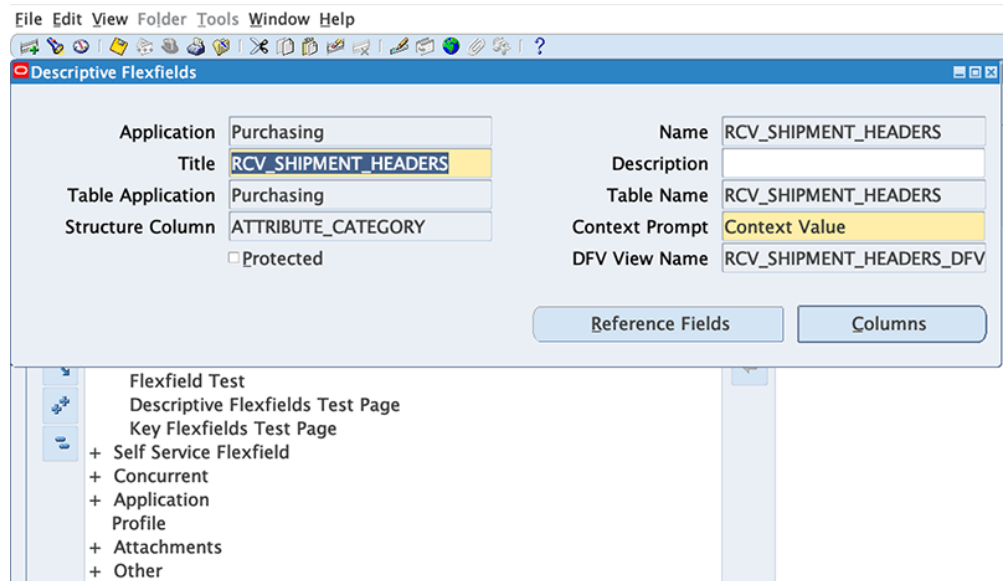
2. Click **Flexfield**, then **Descriptive**, and then **Register**.

The **Descriptive Flexfields** window appears.

3. Query the Purchasing application, with the table name RCV_SHIPMENT_HEADERS.

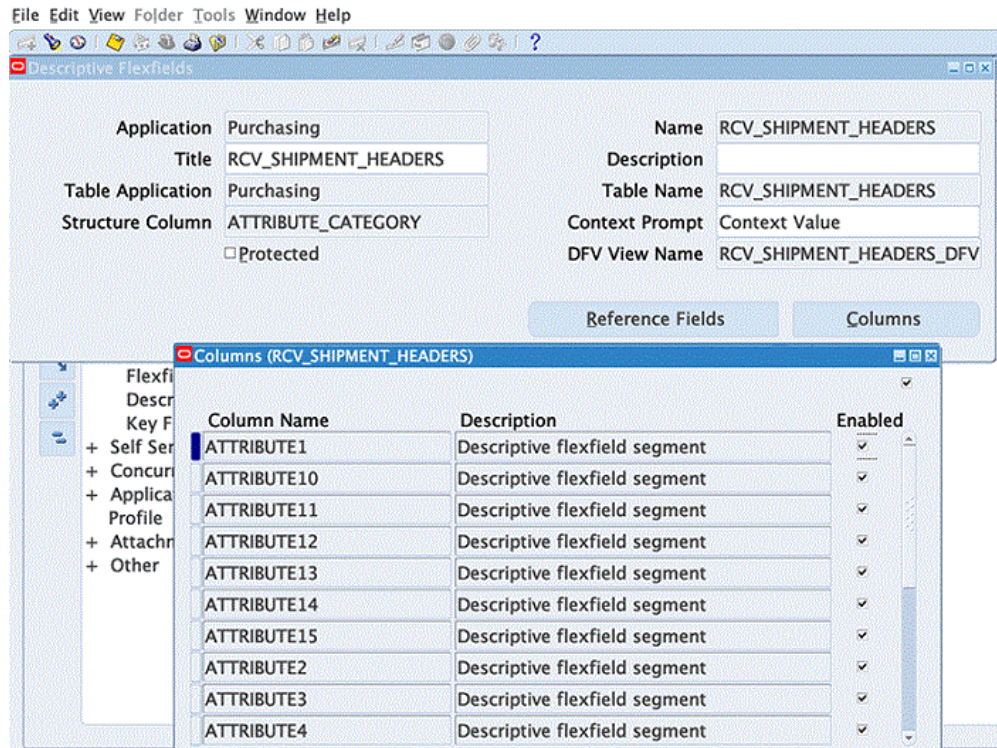
4. Deselect the **Protected** option.

5. Copy the title and define the DFFs as shown in the DFF Definitions for Performance Accounting Transactions, page 2-32 table.



6. To verify the attributes registered for the title, click **Columns**.

The **Columns** window appears, displaying the column name attributes for the RCV_SHIPMENT_HEADERS table.



To create the receiving shipment headers DFF context:

1. Switch to the *Purchasing, US Federal* responsibility.
2. Click **Setup**, then **Flexfield**, then **Descriptive**, and then **Segment**.
3. In the **Title** field, query RCV_SHIPMENT_HEADERS.
The **Descriptive Flexfield Segments** window appears.

Application: Purchasing Title: RCV_SHIPMENT_HEADERS

Freeze Flexfield Definition Segment Separator: Period (.)

Context Field

Prompt: Context Value Required

Value Set Displayed

Default Value Synchronize with Reference Field

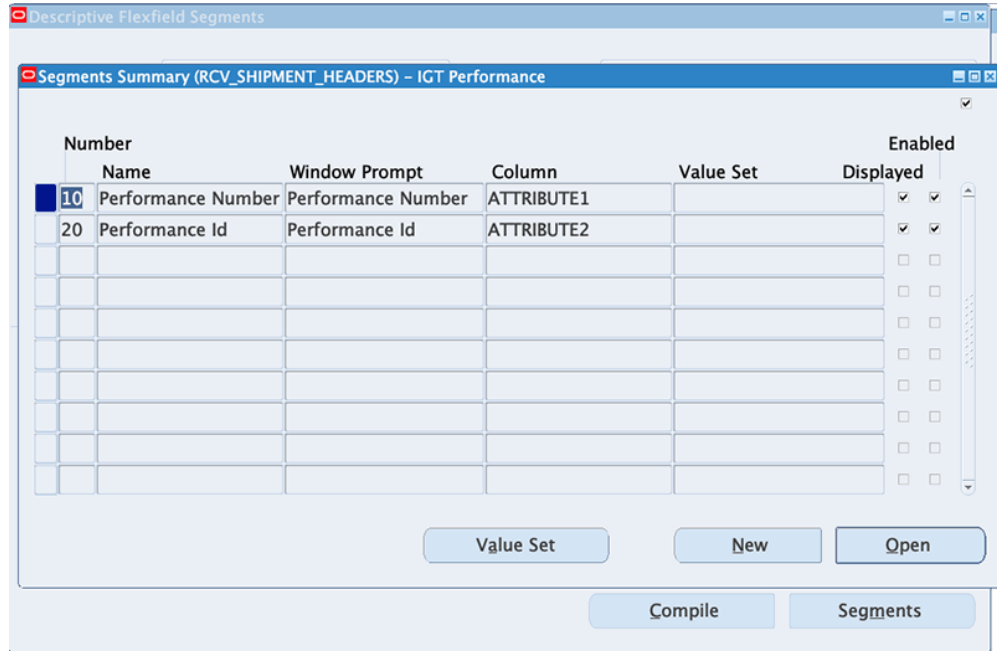
Reference Field

Context Field Values

Code	Name	Description	Enabled
Global Data Elements	Global Data Elements	Global Data Element Context	<input checked="" type="checkbox"/>
IGT Performance	IGT Performance	IGT Performance	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Buttons: Compile Segments

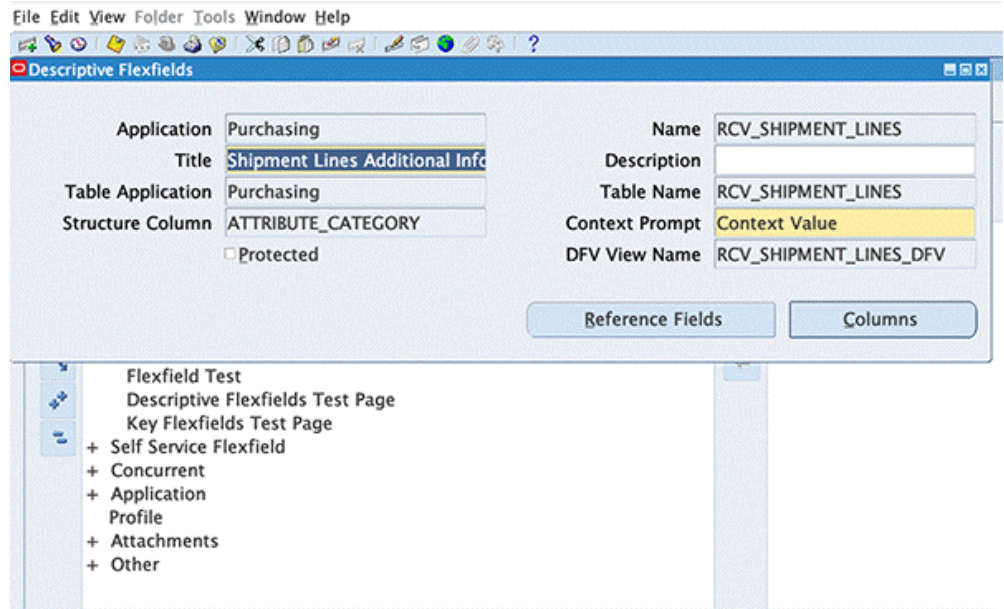
4. Unfreeze the flexfield definition.
5. In a new row in the **Context Field Values** multi-record block, enter **IGT Performance**.
This is the agency information defined as a DFF for the context.
6. Save your work.
7. Click **Segments**.
The **Segments Summary** window appears.
8. Add the segments for the DFF for the context you defined, as shown in the DFF Definitions for Performance Accounting Transactions, page 2-32 table.



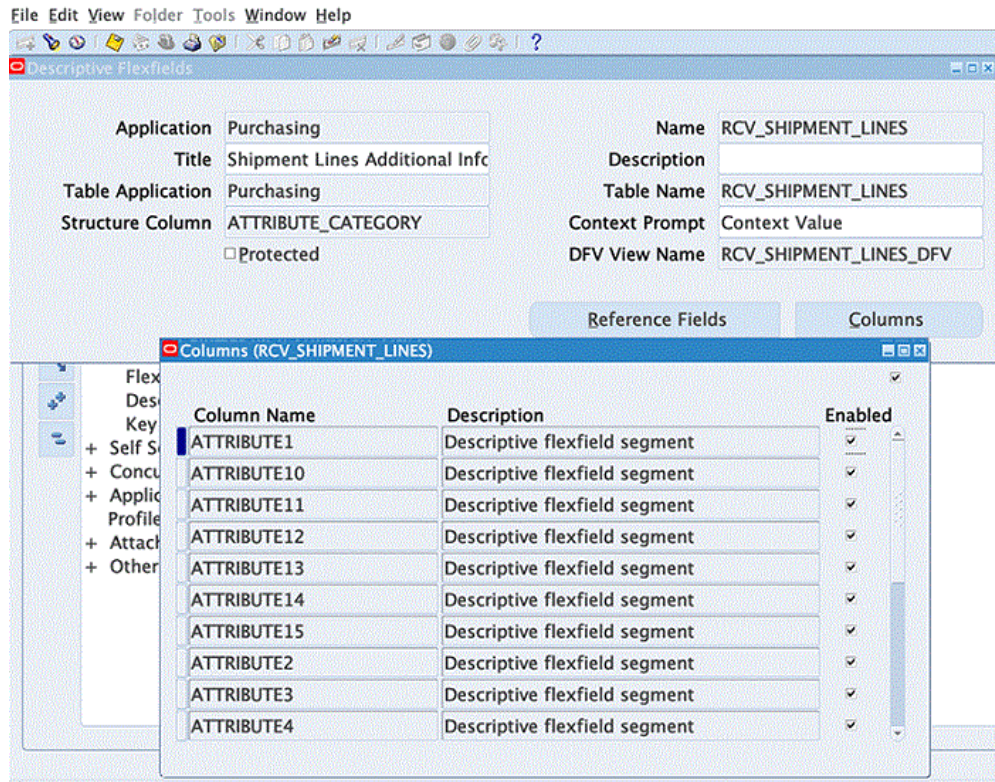
Note: You can change the title for the table, so refer to subsequent instructions for the exact table and title for setting up the DFF.

Defining Receiving Shipment Lines (RCV_SHIPMENT_LINES)

1. Switch to the *Application Developer, US Federal* responsibility.
2. Select **Flexfield**, then **Descriptive**, and then **Register**.
The **Descriptive Flexfields** window appears.
3. Query the Purchasing application, using table name **RCV_SHIPMENT_LINES**.
4. Deselect the **Protected** option.
5. Copy the title and the DFF definition from the DFF Definitions for Performance Accounting Transactions, page 2-32 table.



6. Save your work.
7. To verify the attributes registered for the title, click **Columns**.
The **Columns** window appears, showing the columns attributes for the table.



To create the receiving shipment headers DFF context:

1. Switch to the *Purchasing, US Federal* responsibility.
2. Select **Setup**, then **Flexfield**, then **Descriptive**, and then **Segment**.
3. Query the Purchasing application, using **Shipment Lines Additional Information** as the title.

The Descriptive Flexfield Segments window appears.

Application: Purchasing Title: Shipment Lines Additional Information

Freeze Flexfield Definition Segment Separator: Period (.)

Context Field

Prompt: Context Value Required

Value Set: Displayed

Default Value: Synchronize with Reference Field

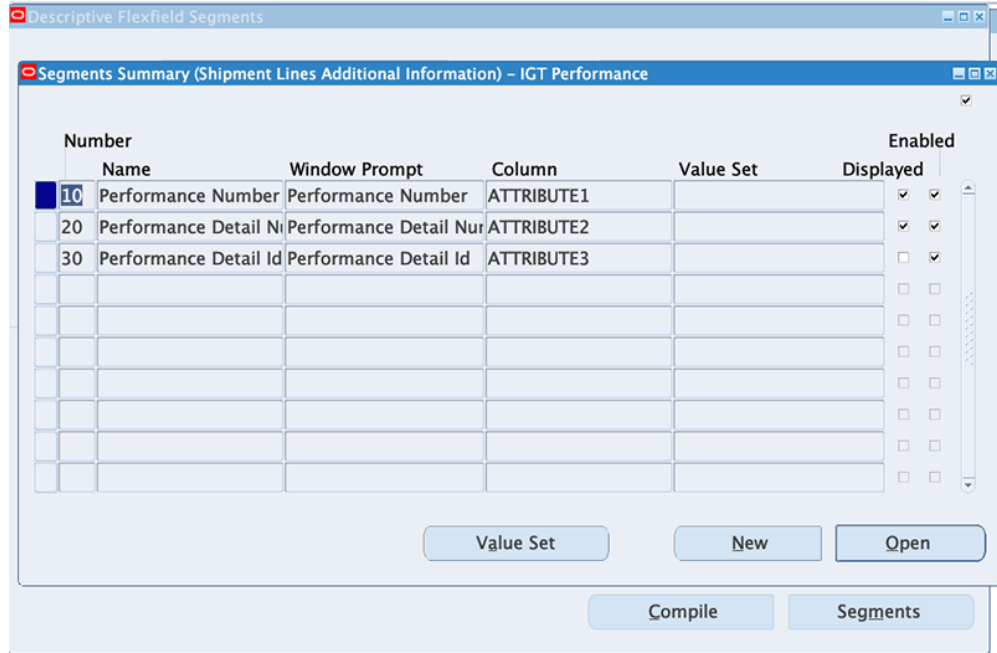
Reference Field:

Context Field Values

Code	Name	Description	Enabled
Global Data Elements	Global Data Elements	Global Data Element Context	<input checked="" type="checkbox"/>
IGT Performance	IGT Performance	IGT Performance	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

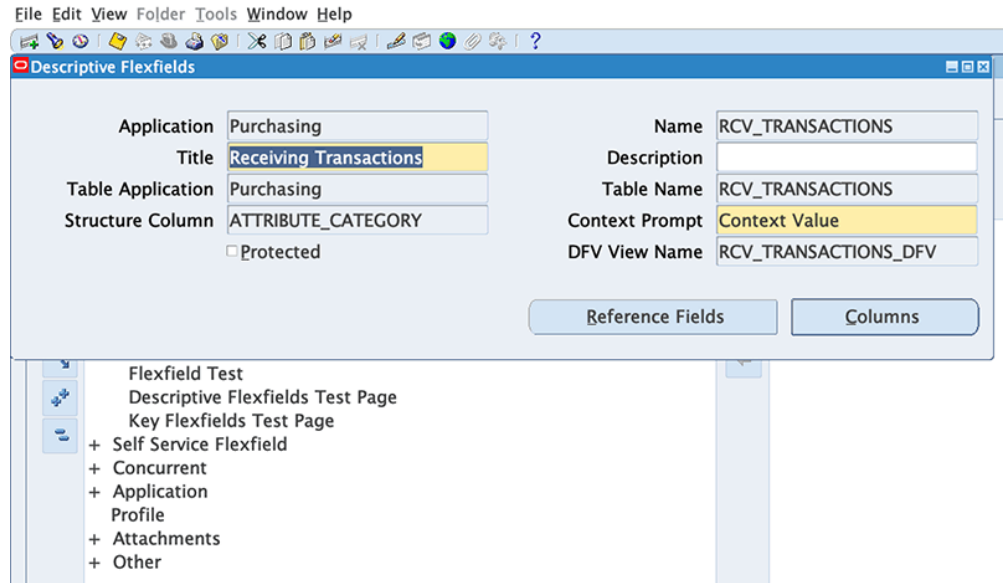
Buttons: Compile Segments

4. Unfreeze the flexfield definition to add the context.
5. Enter **IGT Performance** in the **Context Field Values** region.
This is the agency information defined as DFF for the context.
6. Save your work.
7. Click **Segments**.
The **Segments Summary** window appears.
8. Add the segments for the context you have defined, as shown in the DFF Definitions for Performance Accounting Transactions, page 2-32 table.

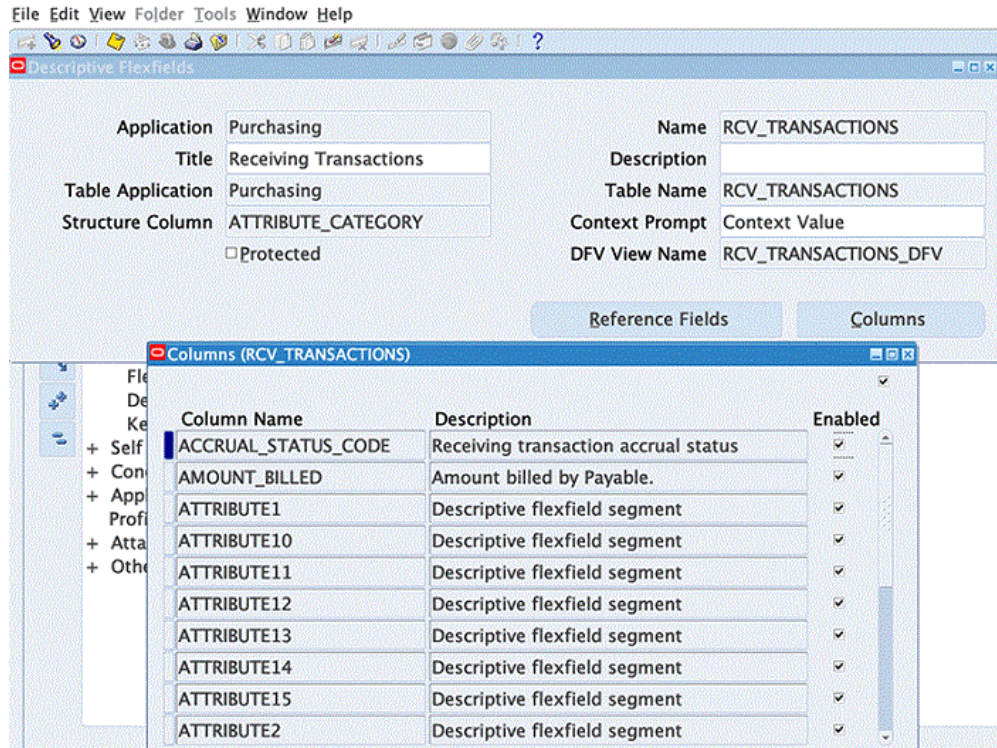


To define receiving transactions (RCV_TRANSACTIONS):

1. Switch to the *Application Developer, US Federal* responsibility.
2. Select **Flexfield**, then **Descriptive**, and then **Register**.
The **Descriptive Flexfields** window appears.
3. Query the Purchasing application, using table name **RCV_TRANSACTIONS**.
4. Deselect the **Protected** option.
5. Copy the title and then define the DFF as shown in the DFF Definitions for Performance Accounting Transactions, page 2-32 table.



6. To verify the attributes registered for the title, click **Columns**.
The **Columns** window appears, showing the columns attributes for the table.



To create the receiving transaction DFF context:

1. Switch to the *Purchasing, US Federal* responsibility.
2. Click **Setup**, then **Flexfield**, then **Descriptive**, and then **Segment**.
3. Query the Purchasing application, using the title **Receiving Transactions**.

The **Descriptive Flexfield Segments** window appears.

Descriptive Flexfield Segments

Application: Purchasing Title: Receiving Transactions

Freeze Flexfield Definition Segment Separator: Period (.)

Context Field

Prompt: Context Value Required

Value Set: Displayed

Default Value: Synchronize with Reference Field

Reference Field:

Context Field Values

Code	Name	Description	Enabled
Global Data Elements	Global Data Elements	Global Data Element Context	<input checked="" type="checkbox"/>
IGT Performance	IGT Performance	IGT Performance	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Buttons: Compile Segments

4. Unfreeze the flexfield definition to add the context.
5. In the **Context Field Values** multi-record block, in a new record, enter IGT Performance.
This is the agency information defined as a DFF for the context.
6. Save your work.
7. Click **Segments**.
The **Segments Summary** window appears.
8. Add the segments for the context you have defined, as shown in the DFF Definitions for Performance Accounting Transactions, page 2-32 table.

Descriptive Flexfield Segments

Segments Summary (Receiving Transactions) - IGT Performance

Number	Name	Window Prompt	Column	Value Set	Enabled	
					Displayed	
10	Performance Number	Performance Number	ATTRIBUTE2		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20	Performance Detail Ni	Performance Detail Nur	ATTRIBUTE3		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
30	Performance Detail Id	Performance Detail Id	ATTRIBUTE4		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>

Value Set New Open

Compile Segments

G-Invoicing Setup and Administration: Servicing Agency

This chapter provides setting up steps for a servicing agency for using Oracle E-Business Suite G-Invoicing.

This chapter covers the following topics:

- Summary of Setup Tasks
- Product Prerequisites
- Setting Profile Options
- Entering Security Certificate Details
- Placing Certificate Files
- Setting Up Agency Location Codes in Oracle Payables
- Identifying Requesting Agencies in Oracle Receivables
- Setting Up Prepayment or Refunding in Receivables
- Setting Up Transaction Types in Receivables
- Setting Up an Agreement Type
- Entering G-Invoicing Setup Options
- Setting Up Units of Measure for Order Lines
- Setting Up Trading Partner TAS and BETC
- Setting Up Group Security
- Setting Up AME Administration
- Setting Up Descriptive Flexfields
- Setting Up for 7600EZ Invoicing

Summary of Setup Tasks

To prepare your Oracle Projects implementation for use with G-Invoicing, complete the following tasks:

- Set G-Invoicing profile options.
- Set up the Enterprise Command Center (ECC).
- Set up G-Invoicing options for security certificate details and copy the certificate files.
- Set up agency location codes (ALCs) for servicing and requesting agencies.
- Prepare Oracle Receivables by setting up requesting agencies and servicing agencies.
- Set up at least one agreement type specifically for intragovernmental transactions (IGTs).
- Set up units of measure for order lines.
- Set up agencies and trading partners by entering their treasury account symbols (TAS) and business type event codes (BETC).
- Set up group security.
- Set up Oracle Approvals Management Engine (AME).
- Set up descriptive flexfields.

Product Prerequisites

Servicing Agency

Prerequisites

- Confirm your use of Oracle E-Business Suite (EBS) release 12.2.7 or later.
- Implement Oracle Projects Foundation and Oracle Project Billing.
- Implement Oracle General Ledger, Oracle Federal Financial (if you intend to use the Treasury Accounting Symbol (TAS) definition and BEM), and Oracle Receivables (if you intend to invoice and provide receipts).

- If using Performance Obligation, apply patch 28316916:R12.PJB.C.
- Implement Oracle Enterprise Command Center (ECC) Version 7 or later.

Assumptions

During the design phase, assume:

- GT&Cs are pulled into the servicing agency's ERP system.
- The servicing agency initiates performance and then pushes it to federal G-Invoicing.
- ECC provides visibility of transactions sent to and received from G-Invoicing.
- EBS security is set up at the operating unit level and associated with ALCs.
- You have an Oracle Project Costing license (required).

Setting Profile Options

1. From the *System Administrator* responsibility, click **Profile** and then **System**. The **Find System Profile Values** window appears.
2. Set the profile options as shown below.

Profile Option	Value	Level
FND: Personalization Region Link Enabled	Yes	Site
Disable Self-Service Personal	No	Site
G-Invoicing Service Host	qa.ws.igt.fiscal.treasury.gov	
G-Invoicing Service Path	/ginv/services	
G-Invoicing Integration Admin	Administrator	
G-Invoicing Create Auto Agreement	Yes/No	
PA: Manage Revenue Budget Manually	Yes/No	

PA: Use Original Exchange Rate Date for Recalculation of Revenue	Yes/No
--	--------

PA: Interface Unreleased Revenue to GL	Yes/No
--	--------

PA: Enable Tax Estimation During Invoice Generation	Yes/No
---	--------

Confirm Funds Availability upon Revenue Budget Baseline	Yes/No
---	--------

Entering Security Certificate Details

Enter EBS security certificate details before using EBS G-Invoicing.

To enter security certificate details:

1. From the *Projects Super User* responsibility, select **Setup** and then **G-Invoicing Options**.

The **G-Invoicing Options** window appears.

2. Enter the following path in the **TrustStore Path** field:

```
/u01/R122_EBS/fs2/EBSapps/appl/po/12.0.0/ginvoicing/testserver.jks
```

3. Enter a value in the **TrustStore Password** field.

4. Enter the following path in the **KeyStore Path** field:

```
/u01/R122_EBS/fs2/EBSapps/appl/po/12.0.0  
/ginvoicing/oracleginvoicing.pfx
```

5. Enter a value in the **KeyStore Password** field.

6. In the **Associate System IDs** region, select or enter your agency type, operating unit, and system ID. The operating unit is mapped to the system ID.

Placing Certificate Files

To place certificate files:

1. In the file system, change the file path to the following:

```
/u01/R122_EBS/fs2/EBSapps/appl/po/12.0.0/
```

2. In the 12.0.0 directory, create a directory named `ginvoicing`.

3. Place the certificate files in the directory.

Setting Up Agency Location Codes in Oracle Payables

Create a servicing agency location code (ALC) for each ALC that your agency maintains.

To set up agency location codes:

1. From the *Payables* responsibility, select **Setup**, then **Payment**, and then **Bank Accounts**.

The **Bank Accounts** page appears.

2. Search for an account name.
3. Choose the account name and click **Select**.
4. Click **Go**.

The selected account appears.

5. Select the account name.
6. Click the **Update Account** option.

The **Update Bank Account** page appears.

7. Select the **Account Controls** option in the side tab.

The **Update Bank Account: Account Controls** page appears.

8. In the **Federal Controls** region, enter a value in the **Agency Location Code** field.
9. Click **Save and Next** or **Finish**.

Identifying Requesting Agencies in Oracle Receivables

Oracle Projects derives the customer information for agreements from the customer information that you set up in Oracle Receivables.

In Oracle Receivables, set up a customer for each requesting agency location code (ALC). To derive customer information, you can either use the procedures explained here or create custom logic using the client extension PA_CLIENT_EXTN_IGT_CUST.

To set up customer information in Oracle Receivables for use by Oracle Projects:

1. Turn off automatic customer numbering.
 1. Select **Receivables**, then **Setup**, then **System**, and then **System Options**.

The **System Options** window appears.

2. On the **Accounting** tab, search for an operating unit.
 3. Click the **Trans and Customers** tab.
 4. In the **Customers** region, disable the **Automatic Customer Numbering** option.
 5. Save your work.
2. Enable the **Trading Partner Agency ID** field.
 1. On the **Home** page, click **Receivables**, then click **Customers** and then **Customers**. The **Customers** page appears.
 2. Search for any customer name.
 3. Click the customer name in the results table. The **Customer Information** page appears.
 4. In the table on the **Accounts** tab, click the account number for the account that you want to set up. The **Update Account** page appears.
 5. In the **Account** region, click **Personalize "Create Account"**. The **Personalize Region** page appears.
 6. In the **Personalization Structure** hierarchy table, locate **Message LOV Input: Trading Partner Agency ID** and click the **Personalize** icon.
 7. The **Personalize Message LOV Input** page appears.
 8. In the **Rendered** row, set all values to true.
 9. Verify that the value in the **Result** column is **true / Responsibility**.
 10. Apply your changes and exit E-Business Suite.
 11. Clear the browser cache.
 3. Enable the **Federal Entity Type** field.
 1. Log in and select the *Receivables* responsibility.
 2. Click **Customers**, and then **Customers**.
The **Customers** page appears.
 3. Click **Create**.

The **Create Organization** page appears.

4. Click **Settings**, then select **Personalize Page**.
5. Search for and select **Message Choice: Federal Entity Type**.
6. Click **Personalize**.

The **Personalize Message Choice** page appears.

7. In the **Rendered** row, set all fields to True.
8. Click **Apply** and then **Return to Application**.

The **Customers** page appears.

4. Create a new customer.

1. On the **Customers** page, click **Create**.

The **Create Organization** page appears.

2. In the **Account Number** field, enter a customer number that matches a requesting Agency Location Code (ALC).
3. Select **Federal Entity Type** and **Trading Partner Agency ID**.
4. Click **Apply**.

Setting Up Prepayment or Refunding in Receivables

For advance-enabled orders, set up receivables activities in Oracle Receivables to create funding and baseline budgets and set up a refund activity to generate refunds.

To set up either the Prepayment or the Refund activity type, perform the following steps:

1. From the **Home** page, select the *Receivables, US Federal* responsibility.
2. Click **Setup**, then **Receipts**, and then **Receivable Activities**.
The **Receivables Activities** window appears.
3. Enter values in the mandatory fields such as **Name**, **Type**, and **Activity GL Account** (in the **Accounting** region).
4. In the **Type** field, choose **Prepayment** to create receipts and baseline budgets, or **Refund** to generate refunds.

Setting Up Transaction Types in Receivables

If an agency is using the refund process, then it must setup the overapplication option in the transaction type window. To set the transaction type, perform the following steps:

1. In EBS, select the **Receivables Super User** responsibility.
2. Click **Setup**, then **Transactions**, and then **Transaction Types**.
3. In the **Transaction Types** window, click and enable the **Allow Overapplication** option.
4. Save your changes.

Refer to the "Transaction Types" topic in Oracle Receivables User Guide, for more details on overapplication functionality.

Setting Up an Agreement Type

Set up an agreement type for each operating unit that uses G-Invoicing in the **Implementation Options** window. Any agreement created for the operating unit uses this agreement type.

You can use an existing agreement type or create a new one. Either way, ensure that the **Approval Required** option is enabled in the **Agreement Type** window.

If you set the profile option *G-Invoicing Create Auto Agreement* to **Yes**, then the order interface program automatically creates agreements when orders are interfaced to EBS. If you set the profile option value to **No**, then you must manually create agreements. The default value is **Yes**.

For auto-created IGT agreements, you can use the client extension to derive the agreement type. While creating an agreement, the *Pull Intragovernmental Orders Interface Program* checks whether a client extension exists. If a client extension does not exist, then the program uses the agreement type set up in the **Implementation Options** window.

If you change the value of the **Agreement Type** field in the **Implementation Options** window, then all new agreements are created with the new agreement type. The change does not impact existing agreements.

To set up an agreement type:

1. From the *Projects, US Federal* responsibility, navigate to **Setup**, then **System**, and then **Implementation Options**.

The **Implementation Options** window appears.

2. Click the **Billing** tab.
3. Select or enter the agreement type.

Note: IGT agreement types are reserved for IGT orders. The list of values for this field only displays types that are workflow-enabled and are not assigned to any non-IGT agreements.

Each ALC is mapped to an operating unit (OU). The mapping is sourced from the **Bank Accounts** page in the *Federal Administrator* responsibility. The *Pull Intragovernmental Orders Interface Program* defaults the agreement type and operating unit on the draft agreement.

Entering G-Invoicing Setup Options

On the **G-Invoicing Setup** page, you can set up default preparer information for performances and the receipt and refund payment methods used during IPAC settlement.

Default preparer information is based on performance roles. You can set the performance role values at the operating unit level and override them at the project level.

To set up default performance attributes:

1. Select the *Projects Super User, US Federal* responsibility.
2. Click **Projects: Setup** and then **G-Invoicing Setup**.

The **G-Invoicing Setup** page appears.

3. Select an operating unit.
4. Select a default performance role.

The person performing this role for a project acts as the preparer for performance. Oracle Projects defaults the preparer details such as name, email address, and phone number on the **Submit Advance Performance** page.

5. Select a receipt method.

This method is used to create receipts during the IPAC settlement process.

6. Select a value for the **Refund Pay Group** field.

This option is available at the operating unit and project level.

7. Set the **Manage Deferred Performance** field to **Yes** or **No**.

If you select **Yes**, the system submits deferred performance first and then runs the

delivery performance. If you select **No**, deferred performance is not generated for revenue transactions. The default value is **Yes**.

The revenue hard limit is activated based on the value setup for the manage deferred performance option in the G-Invoicing Setup page. If you set the value to **No**, then the revenue hard limit is enabled for edits. If the value is set to **Yes**, then the revenue hard limit option is disabled from edits.

Refer to "**Flexible Revenue Hard Limit**" topics for more details.

8. Select a refund payment method.
During the IPAC settlement process, the selected refund payment method is used to create adjustments and refund activity.
9. Select an accounting method.
Choose between **CA/CL Accounting** (Contract Asset and Contract Liability) and **UER/UBR Accounting** (Unearned Revenue and Unbilled Receivable). The default value is UER/UBR.
10. Select a value for the **Buyer-Initiated Orders Maintained In** field.
The value indicates whether the orders are created and maintained in the federal G-Invoicing application or in EBS, and dictates the performance processing and accounting performed in the corresponding systems.
11. Select a value for the **Seller-Facilitated Orders Maintained In** field.
The value indicates whether the orders are created and maintained in the federal G-Invoicing application or in EBS.
12. Select the **Request Full Advance upon Order Approval** option to automatically submit full advance for all order line schedules using Oracle Projects.
13. In the **EZ Invoicing Setup** region, enter a value in the **Invoice Cancellation Numbering** field to initiate specific numbering for invoice cancellation and credit memo creation process. The specified number will be the starting point for all the transactions in the EZ invoice cancellation process. This numbering is applicable for all projects in the chosen operating unit. The subsequent transactions are incremented by 1. The cancellation series is effective only when the implementation options do not have automatic numbering and the credit memo reason is not a required value as per the implementation setup.
14. Click **Apply**.

Setting Up Units of Measure for Order Lines

Set up units of measure for order lines in Oracle Projects. Add each required unit of

measure as a lookup for Projects lookup type UNIT.

For example, in G-Invoicing, for the unit of measure Each, define the lookup as below:

1. From the **Home** page, select the *Projects, US Federal* responsibility.
2. Select **Setup**, then **System**, then **Units**.
3. Click **Add a Line**.
4. Enter the following details:
 - **Application:** Projects
 - **Type:** UNIT
 - **Code:** EA
 - **Meaning:** Each
5. Save your changes.

Setting Up Trading Partner TAS and BETC

To set up TAS and BETC for both requesting and servicing agencies:

1. From the *Federal Administrator* responsibility, select **Setup** and then **Treasury**.
 - To set up TAS and BETC for a requesting agency, select **Trading Partner TAS**.
The **Define Trading Partner TAS (US Federal)** page appears.
 - To set up TAS and BETC for a servicing agency, select **Trading Account Symbols**.
The **Define Treasury Account Symbols** page appears.
2. Enter values in the **Agency Identifier**, **Main Account Code**, and **Federal Account Symbol Title** fields.
3. Click the **Treasury Account Symbol (TAS)** tab and enter your **Allocation Transfer Agency (ATA)** identifier. When you tab out of the field, the TAS symbol is automatically populated.
4. Click **TAS/BETC Mapping**.
The **TAS/BETC Mapping** window appears.
5. Select a TAS type:

- For a requesting agency, select **Trading Partner**.
 - For a servicing agency, select **Agency**.
6. Click in the **Treasury Account Symbol** field to select a TAS value.
 7. In the **Business Event Type Codes** region, click in the **BETC** field to select a value. These values were set up in the US Treasury Federal Portal.
 8. Save your changes.

Setting Up Group Security

The *Get Group in Agency Account* concurrent program returns organizational groups in the agency associated with the requested system ID. The security attributes that you set up at the user level determine group access. The TAS/BETC filters are applied based on the group association.

1. From the **Home** page, select the *Projects Super User* responsibility.

2. Select **Setup** and then **G-Invoicing Options**.

The **G-Invoicing Options** page appears.

3. Select values in the **Agency Type**, **Operating Unit**, and **System ID** fields.

The selected operating unit is mapped to the system ID.

To view the operating unit and system ID mapping, select **G-Invoicing**, then **Administration**, and then **Manage System Users**.

Setting Up AME Administration

To use Oracle Approvals Management Engine (AME) for the agreement approval mechanism, set the attributes explained in the Existing Approval Attributes to Modify, page 3-14 table.

1. Select the *Approvals Management Administrator* responsibility.

The **Administrator Dashboard** page appears.

2. Set the filter to **Transaction Type** and enter the transaction type **Projects Agreement Approval**.

3. Click **Go**.

4. In the **Transaction Types** results table, click **Update**.

- The **Update Transaction Type: Transaction Type Details** page appears.
5. Click **Next**. The **Update Transaction Type: Item Classes** page appears.
 6. Click **Next**. The **Update Transaction Type: Mandatory Attributes** page appears.
 7. Click **Next**. The **Update Transaction Type: Review** page appears.
Verify all details.
 8. Click **Finish**.
The transaction type is ready for use.
 9. Click **Home**.
 10. Switch to the *Approvals Management Business Analyst* responsibility.
The **Business Analyst Dashboard** appears.
 11. In **Approvals Process Setup** side bar, search for the **Projects Agreement Approval** transaction type.
 12. Click **Attributes** to define attributes.
Oracle Projects adds three attributes by default.

Creating the Agreement Amount Attribute

To create a new Agreement Amount attribute:

1. From the Administrator Dashboard, click the **Attributes** subtab, then **Create**.
The **Create New Attribute** page appears.
2. In the **Name** field, enter Agreement_Amount.
3. Enter a description.
4. Select **Number** from the **Data Type** list.
5. Select **Dynamic** from the **Usage Type** list.
6. In the **Value** field, enter the following:

```
select amount from pa_agreement_versions where  
AGREEMENT_VERSION_ID=:transactionId
```
7. Click **Validate** to verify the value.
8. Click **Apply**.

The new Agreement_Amount attribute is created.

Modifying Existing Attributes

Modify existing attributes as shown in the following table:

Note: The attribute values are case sensitive. Enter values in lowercase.

Existing Approval Attributes to Modify

Attribute	Attribute Type	Value
ALLOW_DELETING_RULE_GENERATED_APPROVERS	-	false
ALLOW_REQUESTOR_APPROVAL	-	false
AT_LEAST_ONE_RULE_MUST_APPLY	-	false
EFFECTIVE_RULE_DATE	-	null
EVALUATE_PRIORITIES_PER_ITEM	-	false
INCLUDE_ALL_JOB_LEVEL_APPROVERS	-	false
JOB_LEVEL_NON_DEFAULT_STARTING_POINT_PERSON_ID	-	null
REJECTION_RESPONSE	-	STOP ALL PROCESSING
REPEAT_SUBSTITUTIONS	-	false
TOP_SUPERVISOR_PERSON_ID	-	null
TRANSACTION_REQUESTOR_PERSON_ID	Usage Type: Dynamic	SELECT employee_id FROM fnd_user where user_id=(select last_updated_by from pa_agreement_versions where AGREEMENT_VERSION_ ID=:transactionId)

USE_RESTRICTIVE_ITEM_EVALUATION	-	false
USE_WORKFLOW	-	true
WORKFLOW_ITEM_KEY	-	null
WORKFLOW_ITEM_TYPE	-	null

To modify attributes:

1. From the Administrator Dashboard, click the **Attributes** subtab, then **Use Existing Attribute**.

The **Use Existing Attribute: Select Attribute** page appears.

2. In the **Name** field, enter the attribute name, then click **Go**.

The specified attribute appears.

3. In the **Value** field, enter the value shown in the Existing Attributes to Modify, page 3-14 table.

Note: Enter the value in all lowercase. Entering the value in uppercase results in an error.

4. Click **Finish**.

The attribute is modified.

5. To modify another attribute, click **Use Existing Attribute** on the **Attributes** page.

The **Use Existing Attribute: Select Attribute** page appears.

Repeat steps 2, 3, and 4 until you have modified all attributes in the Existing Attributes to Modify, page 3-14 table.

Note: The REJECTION_RESPONSE, REPEAT_SUBSTITUTIONS, and USE_WORKFLOW attributes are included by default.

6. Verify that all 16 attributes have been modified. Scroll down to view the complete list.

Create a Condition and Assign Action Types

1. On the **Transaction Type: Projects Agreement Approval** page, click the **Conditions** tab.

2. Click **Create**.
The **Create New Condition** page appears.
3. Enter Agreement_Amount in the **Attribute** field. The **Expression** region appears.
4. In the **Expression** region, set the condition for the attribute. Add an appropriate condition for use when running the Agreement Approval workflow.
5. Click **Apply**.
The condition is added.
AME searches for an approver that satisfies the condition. If none exist, then Oracle Projects displays an error.
6. Click the **Action Types** tab.
7. Click **Use Existing Action Type**.
8. Select the **Absolute job level** action type.
9. Click **Continue**.
The action type is assigned.
10. Click the **Rules** tab on the **Transaction Type: Projects Agreement Approval** page.
11. In the **Rules Details** subtab, click **Create**.
The **Create New Rule: Enter Rule Details** page appears.
12. Enter a rule name and click **Next**.
13. Click **Add Condition** and select your new condition.
14. Click **Next**.
15. Add **Action** for the rule.
16. Select **Requires approvals up to at least level 1** from the list of values.
Note: Only one level of approval is supported at this time.
17. Click **Next**.
Review the details.
18. Click **Finish**.

This completes the AME Administration setup.

Setting Up Descriptive Flexfields

Set up the descriptive flexfield **JG_PA_PROJ_ELEMENT_VERSIONS** by running the following command from the **\$FND_TOP**:

```
FNDLOAD APPS/pwd 0 Y UPLOAD @FND:patch/115/import/affload.lct  
$FV_TOP/patch/115/import/US/b13614161_gdf.ldt UPLOAD_MODE=REPLACE  
CUSTOM_MODE=FORCE
```

Create a Context for the Flexfield: **JG_PA_DRAFT_INVOICE_ITEMS**

To create a new context for the **JG_PA_DRAFT_INVOICE_ITEMS** flexfield:

1. Switch to the *Projects* responsibility.
2. Select **Setup**, then **Flexfields**, then **Descriptive**, and then **Segments**.
3. Press the F1 key.
4. Enter **JG_PA_DRAFT_INVOICE_ITEMS** in the **Title** field and press CTRL-F11.
5. Unfreeze the flexfield definition.
6. Click the third row in the **Context Field Values** region, and enter the following:
 - In the **Code** field, enter **FV.US.POBG.TP_TAS**.
 - In the **Name** field, enter **GTAS Trading Partner Attributes**.
 - In the **Description** field, enter **GTAS Trading Partner Attributes**.
 - Select **Enabled**.
7. Save your work.
8. Click **Segments** in the **Descriptive Flexfield Segments** window.
The **Segments Summary** window appears.
9. Enter the following in the first row:
 - In the **Number** field, enter **10**.
 - In the **Name** field, enter **TRADING_PARTNER_TAS**.
 - In the **Window Prompt** field, enter **TRADING_PARTNER_TAS**.

- In the **Column** field, enter GLOBAL_ATTRIBUTE2.
10. Enter the following in the next row:
 - In the **Number** field, enter 20.
 - In the **Name** field, enter TRADING_PARTNER_BETC.
 - In the **Window Prompt** field, enter TRADING_PARTNER_BETC.
 - In the **Column** field, enter GLOBAL_ATTRIBUTE3.
 11. Save your changes.
 12. Click **Compile** in the **Descriptive Flexfield Segments** window.
 13. Freeze the flexfield definition.
 14. Save your changes.

Setting Up for 7600EZ Invoicing

The agency must complete the following mandatory setups for using the 7600EZ Invoicing.

G-Invoicing Setup

In the G-Invoicing Setup page enable the invoice cancellation numbering.

1. From the **Home** page, select the **Projects Super User, US Federal** responsibility.
2. Click **Projects: Setup** and then **G-Invoicing Setup**. The **G-Invoicing Setup** page appears.
3. In the **EZ Invoicing Setup** region, enter a value in the **Invoice Cancellation Numbering** field to initiate specific numbering for invoice cancellation and credit memo creation process. The specified number will be the starting point for all the transactions in the EZ invoice cancellation process. This numbering is applicable for all projects in the chosen operating unit. The subsequent transactions are incremented by 1. The cancellation series is effective only when the implementation options do not have automatic numbering and the credit memo reason is not a required value as per the implementation setup.

Setting Up G-Invoicing Option

To set up automatic release of credit memo, perform the following steps:

1. From the **Home** page, select the **Projects Super User** responsibility.
2. Click **Setup** and then **G-Invoicing Options**. The **G-Invoicing Options** page appears.
3. Click and choose **JSON** for the **GT&C Response Type** field.

Set up Credit Reason

EBS G-Invoicing supports automatic release of credit memos. You must set an option in the implementation option to avail this functionality. To set up automatic release of credit memo, perform the following steps:

1. From the **Home** page, select the **Projects Super User, US Federal** responsibility.
2. Click **Setup**, then **Systems** and then **Implementation Options**.
3. The **Implementation Options** page appears.
4. Disable the **Require Credit Memo Reason** option to utilize the automatic release of credit memos. If the option is enabled, then the credit memo is retained in the approved status. You must manually release the credit memo.

Project Setup

A new attribute is included in the Project setup page that identifies a project enabled for EZ invoicing. Only projects with the 7600EZ Invoice enabled would be available for funding association to an agreement which is also EZ-enabled. To setup projects for EZ invoice, perform the following steps:

1. From the **Home** page, select the **Projects US Federal** responsibility.
2. Click **Projects: Delivery** and then **Search Projects**. The **Search Projects** page appears.
3. Click **Advanced** search on the top right-hand corner.
4. Search for a EZ project using a search criteria.
5. Click the project name or project number link.
6. Click the **Setup** subtab in the **Projects** tab. The Projects Setup page appears.
7. Enable the **7600EZ Invoice** option. This field is editable until the project is associated with an agreement and the funding is established. You cannot change the value after the funding is established.

If a projects is IGT-enabled and has been associated to an order line, then such projects

cannot be enabled for 7600EZ invoice.

If the 7600EZ Invoice option is enabled on a project, then such projects cannot be associated to an order line or order line schedule.

Billing Setup Changes

Perform the following setups in the Billing setup window:

1. From the **Home** page, select the **Projects US Federal** responsibility.
2. Click **Setup**, then **Projects**, and then **Project Templates**.
3. In the **Find Projects** window, query for an easy project.
4. Click the **Project** and click **Open**. The **Projects Templates** page appears.
5. In the **Options** region, scroll down, and then click and expand **Billing Information**.
6. Select **Billing Setup** and click **Details**. The **Revenue and Billing Information** window appears.
7. You must enable the **Customer at Top Task** and **Invoice Method at top Task** option for an EZ invoice to enable funding. If you choose these two options at the template level, they get defaulted to projects that use this template. If you do not enable them at the template level, then you must enable these options for each project you create for EZ invoicing.
8. For an EZ invoice, the **Adjustment Included on Standard Invoice** must include All. When the project is identified as an EZ invoice project, the values of Adjustment Included on Standard Invoice at the project and task level Billing Setup are changed to All. You cannot modify this value. Similarly, for an EZ invoice enabled project, the **Error Negative Standard Invoice option** is enabled. You cannot modify this option. This avoids credit memo and negative invoice creation for EZ Adjustments. EZ invoices do not allow partial reversal or credits for a transaction. You can only reverse or credit the whole amount and a new invoice is generated for the same.
9. For the EZ enabled projects, the **Error Negative Standard Invoices** option is enabled by default. You cannot modify the value. When this option is enabled, the system does not process an invoice that has a negative value. It is applicable only for a standard negative invoice and not for a credit memo. When an invoice is generated as per the invoice limits, the system checks this parameter and stamps the invoice with an error when the invoice value is negative. Transactions associated to such invoices will be eligible for invoice generation on the following runs after the errors are corrected.

Intragovernmental 7600EZ Invoice Interface Program

To pull or push 7600 Easy orders, run the Intragovernmental 7600EZ Invoice Interface Program.

1. From **Home**, switch to **Projects Super User** responsibility.
2. Click **Requests** and then click **Schedule**.

Query for the *Intragovernmental 7600EZ Invoice Interface Program*.

3. Click the **Parameters** tab, enter the following details:

- **Agency Type:** Select Requesting Agency.
- **Request Mode:** Select Push to send data to or Pull to retrieve data from the federal G-Invoicing application.
- **Request Type:** If the request mode is pull, then select from the following values:
 - Get Order Attachment
 - Get Order List
 - Get Order by ID
- **Operating Unit:** Specify the operating unit.
- **Agency Location Code (Optional):** To retrieve data for a specific agency, select its agency location code (ALC).
- **EZ Number (Optional):** To run the program for a specific EZ invoice, enter the invoice number.
- **GTC Number (Optional):** To run the program for a specific GT&C, enter the GT&C number.
- **Document Status (Optional):** If you specify a status, then the program only processes documents that are in that status.

4. Submit the concurrent request.

Note: Schedule this program to run as often as required to keep the G-Invoicing data current.

Enterprise Command Center

This chapter provides details on the G-Invoicing dashboard available in the Projects Command Center.

This chapter covers the following topics:

- Setting Up RBAC for Enterprise Command Center Dashboard
- Setting Up Oracle Enterprise Command Center
- Setting Up Projects Command Center
- Loading Projects Command Center Data
- G-Invoicing Dashboard

Setting Up RBAC for Enterprise Command Center Dashboard

- For information about setting up RBAC for ECC, refer to My Oracle Support Knowledge Document 2821769.1, *Installing Oracle Enterprise Command Center Framework, Release 12.2 V7 (Doc ID 2821769.1)*.
- A new role, `PA_ECC_FED_ACCESS_ROLE`, is required for the G-Invoicing tab to appear in the Projects Command Center. Follow the MOS Note to add this role to the required responsibility.

Setting Up Oracle Enterprise Command Center

You must implement the Oracle Projects Enterprise Command Center to get the G-Invoicing dashboard, an integral component of the EBS G-Invoicing solution. To install and set up ECC, refer to My Oracle Support Knowledge Document 2495053.1, *Installing Oracle Enterprise Command Center Framework, Release 12.2.12 (Latest Version)*.

Setting Up Projects Command Center

The Projects Command Center product configuration setup must be completed after the installation and common configurations are completed as described in My Oracle Support Knowledge Document 2495053.1, *Installing Oracle Enterprise Command Center Framework, 12.2*.

Loading Projects Command Center Data

Before you can use G-Invoicing with EBS, you must retrieve and load the Projects G-Invoicing Enterprise Command Center (ECC) data. Perform the following steps:

1. From the **Home** page, select the **Projects Super User** responsibility.
2. Select **Projects**, then **Requests**, and then **Run** or **Schedule**.
The **Submit Request** window appears.
3. Query the concurrent , **Projects G-Invoicing ECC Data Load**.
The **Parameters** window appears.
4. Enter a value in the **System Name** field.
5. From the **Load Type** list, select either **Full Load** or **Incremental Load**.
 - Use a full load to load all existing data into Oracle Projects Enterprise Command Center.
 - Use an incremental load to load only data that has been modified since the previous run. To keep your ECC G-Invoicing dashboard current, you can schedule incremental loads to run as often as required.
6. Enter a value for the **Language** code field.
7. Select a value for the **Log Level** you want the program to report.
8. Select a value to set the SQL Trace On.
9. Click **OK**.
10. Click **Submit** to run the concurrent program.

G-Invoicing Dashboard

The **G-Invoicing** dashboard displays G-Invoicing data for all orders. The dashboard provides information to the servicing agency and key members for managing orders

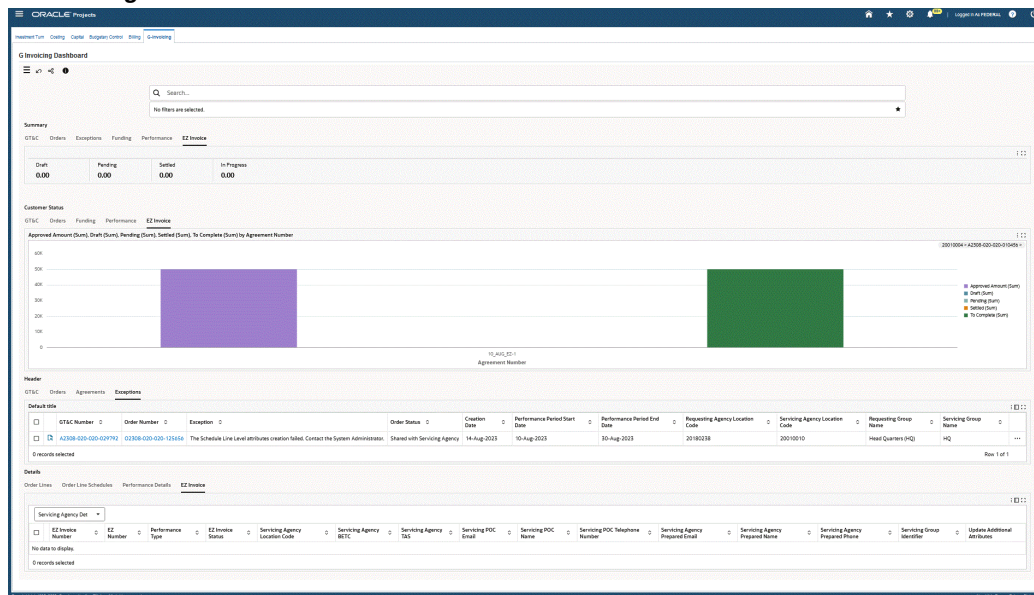
and displays G-Invoicing elements that include General Terms and Conditions (GT&Cs), orders, exceptions, funding, EZ invoices, and performance metrics across all orders and projects. From the dashboard, you can navigate to individual projects, tasks, and resource assignment levels. Dashboard metrics include:

- GT&C status
- Order status and monitoring
- Exceptions
- Funding
- Performance
- EZ Invoice

Based on your Role Based Access Control (RBAC) setup, navigate to the Projects Command Center.

As an example, from the *Projects SU, US Federal* responsibility: Projects Command Center > G-Invoicing (tab)

G-Invoicing Dashboard



The following table describes the **G-Invoicing** dashboard components.

Component	Description
Summary (tab layout)	The GT&C summary bar displays the following metrics:
GT&C (tab)	<ul style="list-style-type: none"> <li> <p>• Currency</p> <p>This metric displays the servicing agency currency.</p> <li> <p>• Active</p> <p>This metric displays the number of GT&Cs with the active status code Open for Orders. Click this metric to further refine the dashboard data.</p> <li> <p>• Ordered Value</p> <p>This metric displays ordered value calculated as (total estimated amount less total remaining amount). Click this metric to further refine the dashboard data.</p> <li> <p>• Remaining Value</p> <p>This metric displays the remaining value. Click this metric to further refine the dashboard data.</p> <li> <p>• Latest Validity</p> <p>This metric displays the most recent dates for valid GT&Cs.</p>

Component	Description
<p>Summary (tab layout)</p> <p>Orders (tab)</p>	<p>The Orders summary bar displays the following metrics:</p> <ul style="list-style-type: none"> <li> <p>• New</p> <p>This metric displays the number of new orders that are in progress and have the active status Open for Order, and have associated projects and accepted orders. Click this metric to further refine the dashboard data.</p> <li> <p>• Pending Approval Submission</p> <p>For Buyer Initiated Orders (BIO), this metric displays the number of orders that have not been accepted or approved by the requesting agency. This value includes agreements with the status Work In Progress. This also includes Seller Facilitated Orders (SFO) that are under review and are in progress, awaiting approval submission to the requesting agency. Click this metric to further refine the dashboard data.</p> <li> <p>• Pending Approval</p> <p>This metric displays the number of orders submitted and pending approval. Seller Facilitated Orders (SFO) are pending approval by the servicing agency while all other orders are pending approval by the servicing agency. Click this metric to further refine the dashboard data.</p> <li> <p>• Approved</p> <p>This metric displays the number of approved orders. SFO orders are approved from requesting agency. Click this metric to further refine the dashboard data.</p> <li> <p>• Rejected</p> <p>This metric displays the number of rejected orders. SFO orders are rejected by</p>

Component	Description
	<p>requesting agency and sent back to the servicing agency. Click this metric to further refine the dashboard data.</p> <ul style="list-style-type: none"><li>• Modified<p>This metric displays the number of modified orders. Click this metric to further refine the dashboard data.</p><li>• Pending Close<p>This metric displays the total number of orders in Pending Close status. The total sum of certain performance details recorded against each schedule in the order by the servicing agency and requesting agency must be equal. For SFO orders, the total sum of certain performance details recorded against each schedule in the order must also match.</p>

Component	Description
Summary (tab layout)	The Exceptions summary bar displays the following metrics:
Exceptions (tab)	<ul style="list-style-type: none"> <li> <p>• Failed Pull</p> <p>This metric displays the number of orders that have not met the criteria for creating an agreement. Therefore, agreements could not be created. Click this metric to further refine the dashboard data.</p> <li> <p>• Failed Push</p> <p>This metric displays the number of orders that have been approved in Oracle Projects through the agreement approval stage, but that could not be pushed to G-Invoicing for technical reasons. Click this metric to further refine the dashboard data.</p> <li> <p>• Advance Performance Failed Push</p> <p>This metric displays the total value of advance performance that has not been pushed to G-Invoicing when submitting for technical reasons. Click this metric to further refine the dashboard data.</p> <li> <p>• Deferred Performance Failed Push</p> <p>This metric displays the total value of deferred performance that has not been pushed to G-Invoicing when submitting for technical reasons. Click this metric to further refine the dashboard data.</p> <li> <p>• Delivery Performance Failed Push</p> <p>This metric displays the total value of delivery performance that has not been pushed to G-Invoicing when submitting for technical reasons. Click this metric to further refine the dashboard data.</p>

Component	Description
<p>Summary (tab layout)</p> <p>Funding (tab)</p>	<p>The Funding summary bar displays the following metrics:</p> <ul style="list-style-type: none"> <li> <p>• Funding</p> <p>This metric displays the total amount of funding from all approved orders. This value is calculated as the sum of advance receipt and non-advance order value.</p> <li> <p>• Non-Advance Order Value</p> <p>This metric displays the total approved value of non-advance orders. The value for funding against non-advance order value remains the same as order value. Click this metric to refine the dashboard data.</p> <li> <p>• Advance-Enabled Order Value</p> <p>This metric displays the total approved order value of advance-enabled orders. Click this metric to refine the dashboard data.</p> <li> <p>• Advance Performance</p> <p>This metric displays the total value of advance receipts that have been applied and processed to G-Invoicing. This metric provides the value of advance performance against orders that are paid by the requesting agency, and received and acknowledged by the servicing agency. Click this metric to refine the dashboard data.</p> <li> <p>• Advance Pending</p> <p>This metric displays the total value of advance-enabled orders minus advance receipts. Click this metric to refine the dashboard data.</p> <li> <p>• Balance Funding</p> <p>This metric displays active funding minus</p>

Component	Description
Summary (tab layout)	accepted delivery performance.
Performance (tab)	<p>The Performance summary bar displays the following metrics:</p> <ul style="list-style-type: none"> <li>• Deferred Performance (Pending Submission) <p>This metric displays the total value of deferred performance. This is the value of work that has been completed but for which the funds have been deferred for settlement at a later date. This metric provides value of deferred performance against orders between the servicing agency and the requesting agency.</p> <li>• Delivery Performance (Pending Submission) <p>This metric displays the total value of delivered performance, which represents the completion of work or the transfer of goods to the requesting agency. This metric provides value of delivery performance against the orders between the servicing agency and the requesting agency.</p> <li>• Delivery Performance (Submitted) <p>This metric displays the total amount of approved invoices submitted to G-Invoicing and awaiting acceptance by the requesting agency.</p> <li>• Accepted Performance <p>This metric displays the delivery performance value accepted by the requesting agency and marked as final.</p>

Component	Description
<p>Summary EZ Invoice (tab)</p>	<p>The EZ Invoice summary bar displays the following metrics:</p> <ul style="list-style-type: none"> • Draft This metric displays the total number of EZ Invoices that are in a draft status. • Pending This metric displays the total number of EZ Invoices that are submitted to G-Invoicing and not settled. • Settled This metric displays the total number of EZ Invoices with completed settlement and have a receipt associated with it in Oracle. The life cycle is complete from initiation to settlement. • In Progress This metric displays the total number of EZ Invoices in progress and pending an amount in agreement in which delivery has not occurred.
<p>Customer Status (tab layout) GT&C (tab)</p>	<p>The GT&C chart displays buying agency details for total ordered amount and total remaining amount of the active GT&C between the servicing agency and the buying agencies. Click a requesting agency GT&C number in the chart to view the individual GT&C of the selected buying agency and its associated GT&C's with the servicing agency.</p> <p>Click a Requesting Agency Location Code in the chart to refine the data and display all GT&C numbers that belong to the requesting agency.</p>

Component	Description
<p>Customer Status (tab layout)</p> <p>Orders (tab)</p>	<p>The Orders chart displays the total value of orders for each order status against each buying agency which the servicing agency is conducting business with. You can click an agency order number in the chart or the order value bar to view individual order details between the servicing agency and the buying agency.</p> <p>Click a Requesting Agency in the chart to refine the data and display all Order Numbers that belong to the requesting agency.</p>
<p>Customer Status (tab layout)</p> <p>Funding (tab)</p>	<p>The Funding chart displays the overall amount of funding by Non-Advance orders, funding through Advance Receipts, and funding Advance Pending orders.</p>
<p>Customer Status (tab layout)</p> <p>Performance (tab)</p>	<p>The Advance Orders chart displays an overview of advance order values in terms of overall performance amounts.</p> <p>The Non-Advance Orders chart displays an overview of non-advance orders in terms of overall performance amounts.</p>

Component	Description
Customer Status (tab layout)	The EZ Invoice chart displays the total amounts of EZ Invoices grouped by:
EZ Invoice (tab)	<ul style="list-style-type: none"> • Approved Amount (Sum) The total value of agreements created for the corresponding GT&C, and the requesting ALCs combination. • Draft (Sum) Total value of the EZ Invoices in Draft status. • Pending (Sum) Total value of the EZ Invoices in Pending status. • Settled (Sum) Total value of the EZ Invoices in Settled status. • To Complete (Sum) Total value of the agreements that are associated with the corresponding GT&Cs that have not been delivered.
	You can select dimensions to display total amounts for the following:
	<ul style="list-style-type: none"> • Agreement Number • GT&C Number • Project Number • Requesting Agency Location Code

Component	Description
<p>Header (tab layout)</p> <p>GT&C (tab)</p>	<p>The GT&C results table displays data grouped by GT&C attribute groups. You can view data grouped by:</p> <ul style="list-style-type: none"> • GT&C Information • Agreement Amount Information • Additional Information • Agency Information • Preparer Information • Requesting Approval Information • Servicing Approval Information <p>You can also click values in the GT&C Number, Title, Agreement Type, Status, Termination Days, Requesting Group Name, and Servicing Group Name columns to filter and refine dashboard data for the selected values.</p> <p>Click the ellipses (...) icon in the row to open the following action items:</p> <ul style="list-style-type: none"> • Create Order- click to open the Create Seller Faciliated Order UI. This action item is enabled only for those GTCs with the Order Originating Indicator as Servicing Agency. • Attachments- click to view GT&C attachments. • Create EZ Agreement- click to open the Create Agreement form. This action item is only enabled when the Bizapp attribute is EZ invoice.

Component	Description
<p>Header (tab layout)</p> <p>Orders (tab)</p>	<p>The Orders results table displays data grouped by Order attribute groups. You can view data grouped by:</p> <ul style="list-style-type: none"> • Order Details • Advance • Billing and Delivery Information • Funding Details • Partner Information • Performance <p>You can click values in the columns to filter and refine dashboard data for the selected values.</p> <p>Note: This results table includes the following action-enabled attributes:</p> <ul style="list-style-type: none"> • Update Agreement - Click this action to navigate to the Update Agreement page where you can update and create agreements. • Create Project - Click this action to navigate to the Create Project page to create a new project. • Associate Project - Click this action to navigate to the Associate Project window where you can search for and associate projects. • View Performance Obligation - Click this action icon to navigate to the Performance Obligations page to view performance obligation details. • View SFO - Click this action icon to navigate to the SFO page to view the

Component	Description
	<p>Seller Facilitated Orders (SFO).</p> <ul style="list-style-type: none"> <li>• Admin Modification - Click this action to navigate to Agreement Additional Attributes for the SFO order. You can edit some attributes in Admin mode depending on the order stage. <li>• Push Admin Modification - Click this action to transfer changes to the G-Invoicing portal. Click this action to push the admin modification changes to the G-Invoicing portal. <p>You can also click the Options link in the table header to perform the following actions:</p> <ul style="list-style-type: none"> <li>• Create Agreement - This action allows you to create agreements manually for those orders that failed to create agreements automatically. <li>• Order Modification Uptake - Enables order modifications. <li>• Resynchronize Orders - Allows you to push approved orders that previously failed push to G-Invoicing. <li>• Close Order - Closes the selected order(s) that are in Pending Close status.
<p>Header (tab layout)</p> <p>Agreements (tab)</p>	<p>The Agreements results tables displays all of the agreements related to GT&Cs which are EZ enabled. Click a row level ellipses (...) icon to open the Create EZ Agreement action item. The Update Agreement form appears where you can update agreement details.</p>
<p>Header (tab layout)</p> <p>Exceptions (tab)</p>	<p>The Exceptions results table displays all of the exceptions related to GT&Cs and orders that could not be pulled. It is not specific to EZ enabled GT&Cs.</p>

Component	Description
<p>Details (tab layout)</p> <p>Order Lines (tab)</p>	<p>The Order Lines results table displays data grouped by Order Line attribute groups.</p> <p>From the drop-down list, you can select views to display details by:</p> <ul style="list-style-type: none"> • Order Line Details • Performance <p>You can click values in the columns to filter and refine dashboard data for the selected values.</p>
<p>Details (tab layout)</p> <p>Order Line Schedules (tab)</p>	<p>The Order Line Schedules results table displays data grouped by Order Line Schedules attribute groups.</p> <p>From the drop-down list, you can select views to display details by:</p> <ul style="list-style-type: none"> • Schedule Details • Servicing Agency • Requesting Agency • Performance <p>You can click values in the columns to filter and refine dashboard data for the selected values.</p> <p>Click the Options ellipses (...) icon link in the table header to perform the following actions:</p> <ul style="list-style-type: none"> • Request Full Advance • Submit Deferred Performance • Submit Delivery Performance • Request Partial Advance • Adjust Advance

Component	Description
Details (tab layout)	The Performance Details results table displays data grouped by performance attribute groups.
Performance Details (tab)	From the drop-down list, you can select views to display details by: <ul style="list-style-type: none"><li>• Performance Details<li>• Preparer<li>• Receipt
	Click the row level View action link to navigate to the View Performance History page to view performance detail. The page displays by Order Number, Order Line Number, Schedule Line Number, Performance Type, and Accounting Period .
	You can also click on values within the columns to filter and refine dashboard data for the selected values.

Component	Description
<p>Details (tab layout)</p> <p>EZ Invoice (tab)</p>	<p>The EZ Invoice results table displays EZ Invoice data. From the drop-down list, you can select views to display details by:</p> <ul style="list-style-type: none"> • EZ Invoice Detail • Requesting Agency and Other Details • Servicing Agency Detail <p>Click the Update Additional Attributes action link to open the EZ Invoice Additional Attributes form for the selected EZ Invoice (row level). You can update many attributes for the EZ Invoice in this page.</p> <p>Click the ellipses (...) icon in the table header for the following actions:</p> <ul style="list-style-type: none"> • Compare - you can compare selected EZ invoice records. • Submit- you can send an EZ invoice to the G-Invoicing application. Only those records that are in Draft status are eligible for this action. • Delete - you can delete an EZ invoice only when the EZ invoice status is in Draft or Pending mode. • Reverse - you can reverse an EZ invoice after the the settlement. A reversal is only possible for a settled invoice. • Reprocess Receipt - you can reprocess a receipt when there is an error on the receipt processing for an invoice or credit memo. This is eligible when the receipt status is in Error, and the receipt number is not updated on the invoice line after processing the receipts.

Using G-Invoicing: Requesting Agency

This chapter describes how a buyer (requesting agency) uses Oracle E-Business Suite G-Invoicing.

This chapter covers the following topics:

- General Terms and Conditions (GT&Cs)
- IGT Requisitions
- IGT Orders
- IGT Modifications
- IGT Performance
- Performance Accounting for Intragovernmental Transactions
- API Support for G-Invoicing Flows
- Closing and Reopening IGT Orders
- Support for In-Flight Order (IFO) from Requesting Agency
- Support for EZ Invoicing

General Terms and Conditions (GT&Cs)

See Introduction to G-Invoicing, page 1-xiii for more information.

To view your GT&Cs, go to Buyer Work Center. Click the **IDVs** tab and then the **GT&Cs** subtab.

GT&Cs are created and approved only in the federal G-Invoicing application. In that application, the status of approved GT&Cs is Open for Orders. Oracle EBS only pulls GT&Cs that are open for orders. You cannot update or change GT&C data in Oracle EBS.

Note: GT&C Changes to Support Business Application: In the IGT

GTC page, the Ordering Constraints region, now includes a Business Application attribute.

Searching for GT&Cs

To search for GT&Cs using a saved search, choose an option from the **Saved Search** list and click **Go**.

- **My Open GT&Cs:** Shows all open GT&Cs.
- **My Approved GT&Cs:** Shows all open GT&Cs.

To create a new search with your own filter criteria, click **Search** and select your criteria. Click **Go** to search, or click **Save Search**.

To edit, delete, or refer to this saved search, click **Personalize**.

Viewing GT&C Search Results

The search results include details such as operating unit, agreement, revision, GT&C number, GT&C title, agreement type, supplier site, G-Invoicing status, and so on.

After the *Intragovernmental Agreements (GT&C) Import* program has run, you can click an agreement in the results table to view the GT&Cs on the **Contract Purchase Agreement** page. All attributes that are available for GT&Cs in the federal G-Invoicing application are displayed on this page.

Note: If your system administrator has set up group security, then this page displays only data that is accessible to you based on your group association.

Viewing GT&C Header Details

On the **Contract Purchase Agreement** page, the **Header** tab displays the operating unit, GT&C number, supplier, supplier site, and GT&C title. This page displays ordering constraints, estimated costs, information about the requesting and servicing agencies and their organization structures, closing comments, and GT&C attachments.

Note: If a GT&C has only one Agency Location Code (ALC), then the supplier and supplier site details are automatically filled in on the **Header** tab using the servicing agency identifier and servicing ALC information. However, if the GT&C has more than one ALC, then the supplier and supplier site details are not filled in and you must enter them when you create the order.

Select **Pull Attachments** from **Actions** in the **GT&C Attachments** region to import and view the attachments from the **Attachments** region. Click **View Orders** to view related orders for the GT&C.

Viewing Preparer and Approvals Information

The **Preparer & Approvals Info** tab on the **Contract Purchase Agreement** page shows details such as the preparer's name, phone, and email and the approver's agency, role, name, and title.

Viewing Controls

The control details on the **Contract Purchase Agreement** page are operating unit, status, requesting OU, purchasing OU, purchasing site, requesting group, and service group information. The requesting group details are group ID, group name, description, last modified date, and status. If there are multiple agency location codes, then the **Agency Location Codes** field displays the codes as comma-separated values.

Note: Use the groups displayed in this region to create an intragovernmental transaction (IGT) order for this GT&C. See IGT Orders, page 5-26 for more information.

Defining Business Application in G-Invoicing

The Administrator must set the feature flags to enable an agency to use the features like in-flight orders, EZ invoice.

Prerequisites

The agency must satisfy the following conditions:

- Set the feature flags in federal G-Invoicing application to enable features like EZ, Bulk Data Upload for using with in-flight orders. (Navigation: In the Federal G-Invoicing Application, click **Administration** and then **Manage Feature Flags**).
- The requesting and servicing agency must pull these setups in Oracle CLM, Purchasing and in Oracle Projects.

Pulling BizApp and Feature Rules

Both agencies can use the concurrent program, Intragovernmental BizApps and Features Interface Program, to pull the business application (BizApps) and Feature details to EBS. This concurrent program can be used to pull BizApps and features whenever there is a change in the setup or it can be scheduled periodically. To pull or push BizApp and Feature setups, perform the following steps:

1. If you are in a different responsibility, switch to **CLM Purchasing Super User**.
2. Click **Requests** and then click **Submit a New Request**.
3. In the **Name** field, enter *Intragovernmental BizApps and Features Interface Program*.
The **Parameters** window appears.
4. **Agency Type:** Select Requesting Agency.
5. **Request Type:** Select either the bizapps or feature flags details to pull.
6. **Operating Unit:** Specify the operating unit.

This service provides information related to features and related conditions for all the applicable agencies in G-Invoicing, the information pulled is validated during transactions.

Suggested Reading: Only JSON request and response are supported.

Oracle CLM or Purchasing provides the following views to see details of pulled BizApps and Features details:

- IGT_BizApps_V
- IGT_Features_V

These views display details such as:

- bizapp code, name, and the condition associated with it.
- feature code, feature display, and the agency type.

For example, the BizApp is EZ_10K and the related rules or conditions are:

- Max Amount < \$10000
- Agreement Type: Multiple
- Ordering point (FOB): Source
- Advance Payment Indicator: N (No)
- Rejection Days: 30

IGT Requisitions

You can create IGT requisitions in Oracle iProcurement using the web interface, or in Oracle Purchasing using the Oracle Forms user interface. You can also create Military

Interdepartmental Purchase Requests (MIPRs) using intergovernmental requests in Oracle CLM with iProcurement.

When a requisition is approved, funds are committed and then you can add the requisition to an IGT order. When the order is approved, the funds move from commitment to obligation.

Departments and agencies within the Department of Defense (DoD or non-DoD) use MIPRs to create requests for goods and services provided by other departments. MIPRs provide funds details and descriptions of goods and services. Requesting agencies create and transfer MIPRs to servicing agencies. When a servicing agency accepts an MIPR, the requesting agency records the acceptance and adds the MIPR to intragovernmental orders. In EBS, you can create an MIPRs on the **Intragovernmental Requests** page and then add the requisitions to IGT orders.

Creating an Intragovernmental Request and Adding it to an IGT Orders

In Oracle iProcurement you can create IGT requests and commit funds if you have access to the **Intragovernmental Request** subtab in the **Shop** tab. Contact your administrator if this subtab is not available to you.

This subtab is available if your responsibility or user has the role *ICX: Intragovernmental Request Access Role*.

To create an intragovernmental request:

1. On the **Home** page, select the *CLM iProcurement* responsibility if you are using CLM or the *Federal iProcurement* responsibility if you are using Oracle iProcurement.
2. Click **iProcurement Home Page**.
3. On the **Shop** tab, click the **Intragovernmental Request** subtab.

The **Intragovernmental Request** page appears.

4. Enter or select a GT&C number. The LOV only displays GT&Cs that you have access to.

Once you select a GT&C number, the shopping cart can only contain items with the same GT&C number.

The contract number, which is created in EBS when you select a GT&C number, is populated automatically.

5. In the **Item Type** field, select either Goods or Services.
6. Enter an item description.
The **Category** field displays the default value set up in the user preferences.
7. Enter a quantity.

8. Select a unit of measure.

9. Click **Add to Cart**.

You can continue adding items to the shopping cart if each item has the same GT&C number.

Note: If your shopping cart contains intragovernmental items, then you cannot select noncatalog requests (NCR) or catalog items from the **Shop** page.

10. Click the shopping cart to save it or to check out.

For each item, the shopping cart displays the item description, unit, quantity, price, amount, source document number, and GT&C number.

11. Click **Checkout**, or, to save cart details and create an intragovernmental request with the status Incomplete, click **Save**.

The **Checkout: Requisition Information** page appears.

12. Provide a description for the requisition.

13. In the **Requesting Agency Info** and **Servicing Agency Info** regions, the agency identifier, agency location code and group are populated based on the selected GT&C.

14. Select a date in the **Need-By Date** field or set a date range in the **Period of Performance Start Date** and **Period of Performance End Date** fields. Select a need-by date between the start and end dates of the GT&C.

Note: Period of performance dates are used in Oracle CLM but not in Oracle Purchasing.

15. (Optional) Click **Edit Lines** if you need to make changes at the line level.

- You cannot add multiple distributions for an IGT requisition.
- You can change the charge account if needed. Validate the TAS and BETC values defined for the funding segment of the charge account with the requesting and servicing groups entered in the intragovernmental request. Run the TAS Validation API to ensure that the TAS and BETCs are set up properly for the combination of agency identifier and funding segment and valid for the group and ALC selected.

16. Click **Submit**.

The requisition is sent for approval according to your agency's approval rules, and then funds are committed.

Creating Amount-based IGT Requisition Lines

The Intragovernmental Request page now includes a new request type, *Goods or Services, I can provide description and Total Amount*, that lets you enter an amount for the requisition. When you select this option, the amount field appears instead of the quantity and the rate per unit or unit price fields.

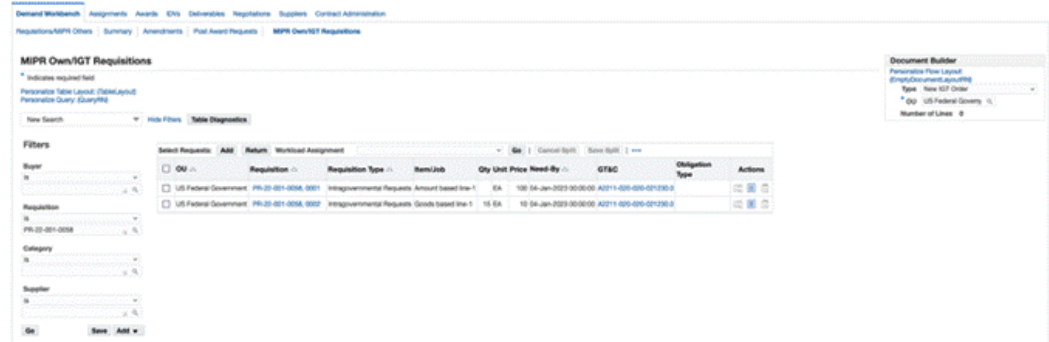
When such orders are added to the shopping cart, the Shopping Cart Summary page displays the total amount of the requisition lines. The following image displays the Shopping Cart summary page with the Total Amount calculated.

Total Amount for Requisition Line



When the requisition is created, the requisition in the demand workbench displays the total amount in the price field.

Requisition Lines in Demand Workbench



The total amount in the order line schedule shows the Price value in update and view modes.

When the amount-based requisition line is added to create an IGT order and is submitted for approval, the IGT Orders page displays the total amount as the quantity.

Also, when the order is pushed to federal G-Invoicing, the total amount entered is represented as the quantity.

Create an MIPR and Add It to an IGT Order

Military Interdepartmental Purchase Requisitions (MIPR) are used to track military purchases within Department of Defense (DoD) agencies. IGT requisitions support only the MIPR-Own type. A defense agency can create a reimbursable IGT request of this type and send it to a servicing agency for acceptance. To use the MIPR-Others type you must create a noncatalog request instead.

To create an MIPR and reference it in a reimbursable order, perform the following steps:

1. On the **Shopping Cart** page, before you check out, select the **Military Interdepartmental Purchase Request (MIPR)** option.
2. In the **MIPR Type** field, select **Military Interdepartmental Purchase Request-Own**.
3. Click **Checkout** to provide additional information such as requesting and servicing agency details.

Enter the invoicing office and servicing agency's address details. The PRDS (Purchase Request Data Standard) file is generated based on the location entered in the **Purchasing Options** page and the address code.

4. (Optional) Enter information in the **Business Priority and Project Information**, **Sourcing Information**, and **Acquisition Plan** regions.
5. Click **Submit** to send the requisition for approval.

When the requisition is approved, the status changes to **Approved, Pending Acceptance**.

Note: Optionally, you can enter the MIPR acceptance information while creating an MIPR.

To record acceptance, select **MIPR Acceptance** from the **Actions** menu on the **Requisition Summary** page. Specify the obligation type. If the obligation type is Reimbursable, then the MIPR can be added to an IGT order. If the obligation type is Direct Citation, then the MIPR can be added to an award, but not to an IGT order.

When you record MIPR Acceptance, the requisition status is changed to Acknowledged.

Creating Intragovernmental Requisitions in Oracle Purchasing (in Forms)

Oracle Purchasing supports creating intragovernmental (IGT) requisitions for G-Invoicing.

The **Intragovernmental** option is included in the **Requisitions** window.

Note: To display and use the **Intragovernmental** option, set the *FV: Federal Enabled* profile option to Yes at the responsibility or user level.

When you select the **Intragovernmental** option, you create an IGT requisition. Once approved, it is available in Buyer Work Center so that it can be placed on an IGT order.

Prerequisites

Oracle recommends that you perform the following steps before you create an IGT requisition:

- Validate GT&C, TAS, and BETC details based on charge account segment available for agencies. Use the Validations API(cx_por_igt_validations.validate_igt_tas_betc).
- To improve user productivity, Include GT&C as a descriptive flexfield (DFF) at the header level, and populate corresponding internal GT&C numbers in the **Document** and **Document Type** as the Contract Purchasing Agreement in the **Source Details** tab as described below.
- Add Requesting Group, ALC, Agency Identifier and Servicing Group, ALC, and Agency Identifier fields as DFFs and validate them using APIs for the selected TAS and BETC.

To enter IGT requisition lines, perform the following steps:

1. Choose the *Purchasing, US Federal* responsibility.
2. Select **Requisitions** and then **Requisitions**.

The **Requisitions** window appears as shown below:

Requisitions in the Forms User Interface

The screenshot shows the Oracle Requisitions - [New] form. At the top, there are input fields for Operating Unit, Number, Type, Preparer, Description, Status (set to Incomplete), and Total (USD 0.00). A checkbox for Intragovernmental is located below the Total field. Below this is a tabbed interface with 'Lines', 'Source Details', 'Details', and 'Currency' tabs. The 'Lines' tab is active, showing a table with columns: Num, Type, Item, Rev, Category, Description, and UOM. The first row is highlighted with a blue selection bar. Below the table are two columns of input fields: Destination Type, Requester, Organization, Location, and Subinventory on the left; and Source, Supplier, Site, Contact, and Phone on the right. At the bottom, there are four buttons: Outside Services, Catalog..., Distributions, and Approve...

3. Select the **Intragovernmental** option.

When this option is selected, Oracle Purchasing displays only IGT-related attributes in the list of values.

4. Click the DFF next to the **Intragovernmental** option.

The **Requisition Header** dialog box appears:

Requisitions

Operating Unit **US Federal Governme**

Number Type **Purchase Requi** Preparer **Rockland, Mr. Theodore C.**

Description Status **Incomplete** Total **USD 0.00**

Intragovernmental []

Lines Source Details Details Currency

Num	Type	Item	Rev	Category	Description	UOM ([])

Requisition Headers

Context

Destination Type

Requester

Organization

Location

Subinventory

Supplier

Site

Contact

Phone

Outside Services Distributions Approve...

5. In the **Requisition Header** dialog box, enter "Agency Information" in the **Context** field. The remaining fields appear after you select the context, as shown below:

Requisition Header

Requisition Headers

Context **Agency Information** Agency Information

GT&C **A2111-020-020-005941.0** 223

Requesting Group **Head Quarters (HQ)**

Requesting ALC **20010004**

Servicing Group **HQ**

Servicing ALC **20010010**

OK Cancel Clear Help

6. Select a GT&C.
7. Select the requesting group.
8. Select the requesting ALC. The ALC assigned to the requesting group appears.
9. Select a servicing group.

10. Select the **Servicing ALC** from the LOV. The ALC assigned to the servicing group appears.
11. Click **OK**.

Enter Lines and Source Information

In the **Lines** tab, enter the following details:

1. Select a value from the **Type** LOV. Only line types applicable to IGTs appear in the LOV.
2. Enter values for the **Item**, **Category**, and **Description** fields.
3. Select a unit of measure. The LOV displays only UOMs applicable to intragovernmental transactions.
4. Enter a quantity, price, and need-by date. The **Need-By Date** must be between the agreement start and end dates.
5. Click the **Source** tab.
6. Enter Contract Purchase Agreement (CPA) in the **Document Type** field.
7. Select a value in the **Document** field. These CPAs are GT&Cs pulled from G-Invoicing.
8. Save the details.
The requisition is created with the Incomplete status.

Entering Distribution

To enter distribution for the requisition, do the following:

1. Click **Distribution**.
2. Enter the charge account, GL date and others details.

Note: Oracle Purchasing supports only one distribution for an IGT requisition line.

3. Save the changes.
4. Reserve and approve the requisition.

Note: The approved intragovernmental requisitions are not used to autcreate purchase orders, but appear in the Demand Workbench,

where they can be used to create purchase orders.

Viewing Requisitions

You can view the recently created requisition details using the following methods:

Using the Requisition Summary

To view the requisition details, perform the following:

1. From the **Home** page, select the *Purchasing, US Federal* responsibility.
2. Click **Requisitions** and then **Requisition Summary**.

The **Find Requisitions** window appears as shown below:

Find Requisitions Window

The screenshot shows a window titled "Find Requisitions" with a blue header. The main area contains several search criteria fields: "Operating Unit" (set to "US Federal Government"), "Requisition Number" (with a search icon), "Preparer", "Buyer", "Reference Num", "Line", "Type" (dropdown), "Requester", "Modified" (dropdown), "Import Source", and "Line Type". Below these fields is a tabbed interface with tabs for "Line", "Status", "Date Ranges", "Sourcing", "Deliver To", "Related Documents", and "Accounting". The "Line" tab is active, showing fields for "Item, Rev", "Category", "Description", and "Supplier Item". To the right of the tabs is a "Results" section with radio buttons for "Headers", "Lines", and "Distributions". At the bottom of the window are three buttons: "Clear", "New", and "Find (F)".

3. Enter a requisition number.
4. In the **Results** region, select a summary level:
 - **Header:** View the requisition header summary.
 - **Lines:** View the requisition lines summary.
 - **Distributions:** View the distribution details.

Requisition Headers Summary Window

Number	Description	Approval Status	Creation Date	Curre
2133		Approved	01-NOV-2021 02:4	USD

Using the Demand Workbench in Buyer Work Center

When the requisition is approved in the Oracle Forms interface, the requisition lines become available in Demand Workbench for addition to IGT orders.

Changes to Searching Requisitions in the Demand workbench of Buyer Work Center

In the Requisition Summary Page, agencies can filter records by GT&C number specific to a GT&C. The GT&C along with contract are added in the results table.

In the IGT Requisition page on the Demand Workbench of Buyer Work Center page, the Requesting ALC and Requesting Group have been added as additional search criteria.

Document Builder on the IGT Requisitions Page

IGT Requisitions Save Search

Indicates required field

Search Saved Searches

Match All Any

Buyer is

Requisition is 2133

Category is

Supplier is

Document Builder

Type: New IGT Order
OU: US Federal Government
GT&C: A2110-020-020-00321.0
Currency: USD
Style: IGT Standard

Recently Added Items

IGT Req In Forms: 14 EA
Number of Lines: 1
Total: 210.00 USD

OU	Requisition	Requisition Type	Item/Job	Qty	Unit	Price	Need-By	Assignment	GT&C	Options	Actions
No results found.											

Perform the following steps to add the requisition to an IGT order:

1. Set the type to **New IGT Order** or **Add to IGT Order**.

2. Enter the OU.

3. Select requisition lines and click **Add**.

The selected requisition lines are added to document builder.

4. Click **Create**.

An IGT order is created, and the **Update IGT Order** page appears.

Note: The GT&C numbers entered at the header and line levels must match.

Copying, Modifying, Canceling, and Receiving Intragovernmental Requisitions

In Oracle CLM and Oracle Purchasing you can copy, modify, cancel, and receive IGT requisitions.

Copying IGT Requisitions

To create new requisition or to add lines to a new cart, select the requisition and click **Copy**.

Modifying IGT Requisitions

You can modify an IGT requisition line until it is added to an IGT order. When a requisition line is linked with an IGT order, the **Update** option is disabled in the iProcurement **Home** page and the summary page. You cannot change requesting and servicing agency details or line level attributes after the requisition line is linked to an IGT order.

Canceling IGT Requisitions

You can cancel an IGT requisition until it is linked to an IGT order. After it is linked with an IGT order the **Cancel** option is disabled. To cancel an entire requisition, click **Cancel Entire Requisition**. When a requisition line is canceled, accounting entries are reversed with the encumbered amount and the line is marked as canceled.

Liquidating IGT Requisitions

You cannot use the Liquidate action on IGT requisitions, because excess funds are liquidated when IGT requisition lines are added to an IGT order and the order is approved.

Receiving IGT Requisition

The **Express Receiving** and **Receive** options are disabled for IGT requisitions because the receipts and invoices are created through performance transactions.

Note: The type for all requisitions is updated to Intragovernmental Requests and you can filter based on this requisition type. When you select MIPR-OWN, the list displays MIPRs created by users as well, because MIPRs are also intragovernmental transactions.

Changing and Grouping IGT Requisitions

This enhancement applies to intragovernmental orders that have backup requisitions or prior commitments. Oracle CLM or Purchasing provides capabilities using which agencies can increase or decrease the requisition value against a requisition line under the following conditions:

- Change the requisition amount to utilize funds more effectively.
- Allocate funding progressively rather than completely for a specific requisition or a demand.

This functionality lets the programming office change the requisition by increasing or decreasing the funding for existing requisition lines. The contracting office reviews the updated requisitions applies them to IGT orders without creating a new order line schedule. An increased requisition line amount creates a commitment to the extent of the value increase. There is no change in commitment if the amount is decreased. The changed requisition must be approved by the program officer. After approval, it becomes available in the demand workbench for the buyer to create an IGT order modification. The requisition changes are automatically propagated to the corresponding IGT order line schedules. In some cases, when there is a discrepancy in the original requisition with the order lines being modified, then the agency will have to update the quantity or price manually in the modification. Refer to subsequent descriptions for more details.

Changing an IGT Requisition

The change requisition is allowed when the following conditions are met:

- When the IGT requisition is in an approved status and has been referenced in an IGT order.
- At least one requisition line is allowed to be changed. If the requisition has multiple lines, few lines may be allowed to be changed and other lines may not be allowed for change.
- The corresponding order modification is in the draft or rejected status.
- The IGT order line schedule linked to the requisition line is not closed or cancelled.
- The IGT order linked to the requisition line is in a draft, approved, or rejected

status.

- Optionally, the incomplete IGT order modification linked to the requisition line is in the draft or rejected status.

Note: You can update the IGT requisitions that are not yet added to an order. In such cases, the requisition will be added to the cart, and you can change this requisition.

- The price cannot be changed when there is a performance against an order line schedule.
- The decreased quantity in IGT requisition line cannot be less than the performed quantity against the corresponding IGT order line schedule when performance exists.

You can change an IGT requisition that are enabled for update. You can only modify the quantity and price and must provide a reason for the change. You can change both amount-based and goods-based requisition lines. For example, consider a requisition was created for \$10 with 10 quantities and was included in the IGT order for the same quantity and price. In this case, the amount becomes \$100. If you decide to change the requisition, increase the quantity from 10 to 15, then the IGT order is updated with the quantity and price to reflect the change, which will be Quantity 15, Price \$10, and the amount is updated to \$150. In other case, where the IGT order is only partially added to an order (discrepancy of an IGT order line schedule amount compared to original requisition line), considering the above example, only quantity 8 is added at the price of \$10 then the amount is \$80. In this case, the modification to IGT order will not trigger an automatic update to the corresponding order. You will have to manually update the order with the corrected quantity which is 5 at the price of \$10 to reflect the change. When updating the order manually to reflect the change in requisition price or quantity increase, you must keep in mind that you can only add the difference of the amount from the original requisition (change in funded value). Considering this example, you can add quantity or price to not to exceed the \$50 additional amount.

To modify a requisition, perform the following steps:

1. In EBS, click the **Purchasing, US Federal, Standard (Forms based Requisitions), Federal iProcurement, Standard (Purchasing)** or **CLM iProcurement, Standard (CLM)** responsibility.
2. In forms-based requisitions, query for the requisition and click **Tools** and then **Change**. If you are using iProcurement, then from the **My Requisition** region, click the **Change** icon, if it is enabled.

Or, click the **Requisitions** tab, and then select a requisition to modify, then click **Change** option. The **Change Requisitions** page appears.

Change Requisition

Line	Description	Order Type	Order	Order Schedule Status	Obligation	Commitment	Unit	Quantity	Price Amount (USD)	Change in Fund	Reason
1	reqline1	Purchase	2136	Approved Order	110	0 EA		12	11 USD	132.00	22 change in qty
2	reqline2	Purchase	2136	Approved Order	400	0 EA		20	22 USD	440.00	40 change in price
3	reqline3	Purchase	2136	Approved Order	450	0 EA		460	1 USD	460.00	10 change in amount

You can view the requisition line number, description, the corresponding order type, order number, order schedule status, obligated amount, commitment amount remaining, unit, quantity, price, amount, change in funded value, and reason. In this page, you can only change the quantity and price. Negative values are not accepted. You must enter the reason for the change.

3. Enter the quantity to change. The quantity cannot be less than performance quantity (the billed or received quantity).
4. Optionally, enter the new price. The price on the requisition can be changed only when:
 - Performance has not been created against the corresponding order line schedule of the IGT order.
 - Order shipment has not been billed or received.
 - Order shipment status is not closed for invoicing or closed for receiving.

When you increase the requisition line amount (quantity, price, or both), the Change in Fund will show the difference between the original requisition line amount and the changed amount. If you decrease the requisition line amount, then the change in fund will show 0 and there will be no impact on commitment.

5. Enter the reason for the change.
6. Click **Next**.
7. Click **Manage Approvals** to set up AME workflow. Add the approvers.

You can configure AME for the transaction type Requester Change Order Approval. You can set different approval rules for IGT requisitions using the Requesting ALC and the Requesting Group.

8. Click **Next**.

The **Change Requisition: Review and Submit** page appears. The modified quantity and price has an asterisk next to it as shown in the image:

Change Requisition: Review and Submit



9. Click Submit.

When the requisition is submitted, a notification is sent to the approver. When the requisition is approved, a response notification is sent back to the requester. In the notification, the requisition line status appears as Accepted, Pending Implementation. After the change is included in the IGT order (when the order modification is approved), the status is updated to Accepted, Implemented.

Adding Changed Requisition Lines to an Existing IGT Order Using Modification

When the changed IGT requisition is approved by the program officer, it becomes available in the demand workbench for the buyer or the contracting office to implement the changes to the corresponding IGT order. To add the changed requisition lines to an IGT order, perform the following steps:

1. In EBS, click the **Purchasing US Federal Super User** or **CLM Purchasing Super User** responsibility.
2. Click **Buyer Work Center** and then **Requisition**. The **Demand Workbench** page appears.
3. From the **Requisitions** tab, click the **IGT Requisition** subtab. You can filter requisitions by view only changed IGT requisitions. The changed IGT requisitions page appears showing the changed requisitions in the demand workbench as shown in the image:

Filtering Changed IGT Requisitions

IGT Requisitions

* Indicates required field

Personalize Table Layout (TableLayout)
Personalize Query (QueryEQ)

Changed IGT Requisitions Show Filters Table Diagnostics

OU	Requisition	Requisition Type	Item/Job	Qty	Unit	Price	Change in Fund	GT&C	Order	IGT Order	Order Quantity	Order Price	Actions
US Federal Government	2126, 1	Intragovernmental Requests	Amount based req line		EA	101		A2302-020-020-024349.0					
<input checked="" type="checkbox"/> US Federal Government	2112, 1	Intragovernmental Requests	reqline1	14	EA	11	44	A2302-020-020-024349.0	2136, 3...	O2303-020-020-07588...	10	11	
<input type="checkbox"/> US Federal Government	2105, 1	Intragovernmental Requests	Line 1	12	EA	10	20	A2302-020-020-024349.0	2131, 1...	O2303-020-020-07557...	10	10	
<input type="checkbox"/> US Federal Government	2101, 3	Intragovernmental Requests	reqline3		EA	550	50	A2302-020-020-024349.0	2123, 1...	O2303-020-020-07549...	500	1	
<input type="checkbox"/> US Federal Government	2101, 2	Intragovernmental Requests	reqline2	20	EA	22	40	A2302-020-020-024349.0	2123, 2...	O2303-020-020-07549...	20	20	
<input type="checkbox"/> US Federal Government	2101, 1	Intragovernmental Requests	reqline1	12	EA	10	20	A2302-020-020-024349.0	2123, 3...	O2303-020-020-07549...	10	10	
<input type="checkbox"/> US Federal Government	2097, 1	Intragovernmental Requests	test	16	EA	10	30	A2210-020-020-020393.1	2107, 1...	O2302-020-020-07488...	13	10	
<input type="checkbox"/> US Federal Government	2093, 2	Intragovernmental Requests	Line 2	10	EA	10	20	A2302-020-020-024349.0	2099, 1...	O2302-020-020-07440...	8	10	
<input type="checkbox"/> US Federal Government	2093, 1	Intragovernmental Requests	Line 1	0	EA	10	0	A2302-020-020-024349.0	2099, 2...	O2302-020-020-07440...	10	10	

In the IGT requisition page, new fields Order Quantity, Order Price and Change in Fund are added. You can view requisition change history from the icon in actions column.

4. Select the updated requisitions and then in the Document Builder sidebar, click and select **Add or Update IGT Order/Modification**.
5. Click **Add** on the **Select Request** prompt. The selected requisition lines are added to the existing order. The order is defaulted and cannot be changed as it is an existing order. You can select one requisition line without an order reference and one with an order reference, then add the lines to the document builder. You cannot select requisition lines that belong to multiple orders.

Adding Requisition Lines to Document Builder

Document Builder

Personalize Flow Layout: (DisplayLayoutRN)

Type Add or Update IGT Order / Modification

OU US Federal Government

Personalize Flow Layout: (AddToPoFieldsRN)

Order

Style IGT Standard
Purchase Order

Personalize Table Layout:
(ResultsTableLayoutRN)

Recently Added Items

Personalize Table Layout: (ItemsTableLayout)

reqline1	12	EA
reqline2	20	EA
reqline3	550	EA

Number of Lines 3

Total 1,110.00
USD

Personalize Table Layout: (ButtonLayoutRN)

6. Click **Create**. The order modification is created that you can view in the IGT Modifications page.
7. Click **Orders** tab and then **IGT Modifications** subtab.
8. Select the order that was modified, click **Update** and then **Go**. The **Update Standard Purchase Order Modification** page appears.
9. Click **Schedules** and verify the updated requisition changes reflected in the order line schedules. In the cases where the original requisition and the order are not the same, the system does not update the order line schedules automatically in the modification and the agency receives a message notification that the changes are not propagated automatically. The agency must add these changes manually. For information on the values that need to be updated, check the requisition change history.
10. Click **Submit**. From this point on, the order modification follows the existing order modification approvals lifecycle.

When the modification is approved by both the trading partners and the modification is synchronized successfully, the funds are obligated or de-obligated. When there is increase in funds for the requisition line, the commitment will be reversed.

View the Requisition Change History

From the IGT requisitions page you can view the change history of a requisition. To view the change history for a requisition, perform the following steps:

1. In EBS, click the **Purchasing US Federal Super User** responsibility.
2. Click **Buyer Work Center** and then **Requisition**. The **Demand Workbench** page appears.
3. From the **Requisitions** tab, click the **IGT Requisition** subtab. You can filter requisitions by changed IGT requisitions as shown:

View Change History

IGT Requisitions
* Indicates required field
Personalize Table Layout (TableLayout)
Personalize Query (QueryRN)

Changed IGT Requisitions Show Filters Table Diagnostics

OU	Requisition	Requisition Type	Item/Job	Qty	Unit	Price	Change in Fund	GT&C	Order	IGT Order	Order Quantity	Order Price	Actions
US Federal Government	2125.1	Intragovernmental Requests	Amount based req line	EA	101			A2302-020-020-024349.0					
US Federal Government	2112.1	Intragovernmental Requests	reqline1	14	EA	11	44	A2302-020-020-024349.0	2136.3.1	02303-020-020-075884.0	10	11	
US Federal Government	2105.1	Intragovernmental Requests	Line 1	12	EA	10	20	A2302-020-020-024349.0	2131.1.1	02303-020-020-075578.1	10	10	

4. From the **Actions** filed, click the **View Change History** icon. The **Requisition Change History** page appears.

Requisition Change History

Requisition 2112 Change History

Indicates new value
Personalize "Change Request Region"

Details	Requested Date	Line	Description	Order Type	Order	Unit	Quantity	Price	Amount (USD)	Status	Reason
▶	24-Mar-2023 14:35:02	1	reqline1	Purchase	2136	EA	10	11 USD	110.00	Accepted, Pending Implementation	change in qty
							12		132.00		
▶	24-Mar-2023 14:35:02	2	reqline2	Purchase	2136	EA	20	22 USD	400.00	Accepted, Pending Implementation	change in price
							20		440.00		
▶	24-Mar-2023 14:35:02	3	reqline3	Purchase	2136	EA	450	1 USD	450.00	Accepted, Pending Implementation	change in amount
							460		460.00		
▶	11-Apr-2023 18:06:56	1	reqline1	Purchase	2136	EA	12	11 USD	132.00	Accepted, Pending Implementation	testing
							14		154.00		

The status displays *Accepted, Pending Implementation* before implementing the change to IGT order. Once the change is implemented, the status changes to *Accepted Implemented*.

Grouping IGT Requisition Lines

In CLM and Purchasing, the agency must add IGT requisition lines to a new order, an incomplete order, or a draft modification to create an IGT order with the corresponding requisitions. Currently, the buyer or the contracting officer searches through various requisition lines in the demand workbench and adds these lines to the IGT orders using the document builder. When creating an IGT order, there could be a necessity to group the selected requisition lines based on the identical data, that results in a single line with numerous order line schedules.

If the selected requisition lines have identical data, listed below, then these requisition lines are grouped to generate a single purchase order line with multiple order line schedules. They will be added as a separate order line if any of the details below do not match among the selected request lines. The IGT requisition lines must have the following data values that are identical:

- Item description
- Category ID
- Order type lookup code
- Purchase Basis
- Matching basis
- Unit of measurement lookup code
- Source Document ID

The requisition lines can be added to a new IGT order or to an existing order that are approved orders. The system creates an IGT order modification when you add the requisition lines to an approved order. The grouping is applied when creating new modifications.

The requisition lines may also be added to incomplete orders or draft modifications. The selected requisition lines will be placed on the same line as schedules (in IGT Order) if the data on the requisition lines matches with that on the existing line data in the IGT order. Otherwise, these will be added to the order as separate lines.

You can also add requisition lines to a closed order. If the selected requisition lines are identical, then these lines are grouped. The closed order triggers an order reopen action and the order is treated as an order modification will be shared with the servicing agency to re-open the order along with the new order line created with multiple order line schedules.

When the agency selects an order that is closed to add the requisition lines, a warning message is displayed:

The IGT Order you selected is closed; when you take this action, a modification will be created to open this order. Do you wish to continue?

If you select yes, then an order modification will be created. This order modification must be approved by both the trading partners, the order will be opened for transaction along with new line or schedules based on the selected requisition line data.

Setting Up a Default Requisition Grouping Profile Option

The default grouping is based on the profile option value you set for the profile option, PO: Default Requisition Grouping. This profile option Indicates the default grouping method used when aggregating requisition demand to create a new document. Values are Default or Requisition. To set the profile option, perform the following steps:

1. In EBS, click the **System Administrator** responsibility.
2. Click **Profile** and then **System**.
3. In the **Profile** field, enter *PO: Default Requisition Grouping*. The System Profile Values page appears.
4. Select the profile option value as **Default**. The system combines requisition lines from multiple requisitions to create a single line. If the profile option value is set to **Requisition**, then the requisition lines are not grouped, and an order line is created for each requisition line.

Selecting Requisition Lines and Adding Them to Document Builder

You can select requisition lines and add them to a new IGT order or to an existing IGT order. If the group by default is selected then when you specify the Order Number, the system verifies if the requisition lines have similar data as in the existing orders. If they are identical, then the system adds the requisitions to the same order (does not create a new order line) but creates multiple order line schedules for each of the requisition lines. This grouping is applicable to new IGT order, existing incomplete IGT Order, new modification, and draft modifications. To group requisition lines, perform the following steps:

1. In EBS, click the **Purchasing US Federal** responsibility.
2. Click **Buyer Work Center** and then **Requisition**. The **Demand Workbench** page appears.
3. From the **Requisitions** tab, click the **IGT Requisition** subtab. You can filter requisitions by choosing the My IGT requests or use search criteria to filter requisition lines.
4. Select the requisitions that are not placed in an IGT order.
5. In the **Document Builder** in the sidebar, click and select **New IGT Order**.

6. Click **Add** in the **Select Request** and then **Go**.
7. The selected requisition lines are added to the document builder as shown in the image:

Requisition Lines in Document Builder for Grouping

Document Builder

Personalize Flow Layout:
(DisplayLayoutRN)

Type New IGT Order

OU US Federal Government

Personalize Flow Layout:
(NewPoFieldsRN)

GT&C A2303-020-020-025005.0

Currency

Style

Personalize Table Layout:
(ResultsTableLayoutRN)

Recently Added Items

Personalize Table Layout:
(ItemsTableLayout)

Material	12	EA
Material	12	EA

Number of Lines 2

Total 240.00
USD

Personalize Table Layout:
(ButtonLayoutRN)

Document Builder in Demand Workbench

If the selected requisition lines have similar data, then the system groups them and creates one order line for the grouped requisitions and maintains the multiple order line schedules to match the requisition lines. For example, if the agency selects 10 requisition lines, out of which 4 have similar data, 3 others have similar data and 3 others have similar data. In this case, the system groups these requisitions into three groups and creates three order lines. The requisition lines are grouped by default.

If the agency decides to override the default requisition lines grouping, then they can set the PO: Default Requisition Grouping to Requisition. The system does not group the requisition lines. If you have set the profile option to Default, you decide

not to group the requisition lines, then you can override the setting by choosing Requisition in the Update Document Builder page.

- To view the grouping details, **Update** in the **Document Builder** in the sidebar.

Update Document Builder page

Requisitions | Deliverables | Suppliers | Notes | Initiatives | Negotiations | Orders | Agreements

Demand Workbench | Summary | **IGT Requisitions** | Amendments

Requisitions: IGT Requisitions >

Update Document Builder: New IGT Order Cancel | Apply | Create

* Indicates required field

Personalize Table Layout: (MainFN)

Requests

Personalize "Requests"

Group By: Default

Personalize "Requisition Lines Table"

OU	Requisition	Requisition Type	PO Line	Item/Job	Qty	Unit	Price	Change in Fund	GT&C	Order IGT Order	Order Quantity	Order Price	Remove
US Federal Government	2130, 1	Intragovernmental Requests	1	Material	12	EA	10		A2303-020-020-025005.0				
US Federal Government	2129, 1	Intragovernmental Requests	1	Material	12	EA	10		A2303-020-020-025005.0				

- Click **Apply**. The system navigates you to the Document Builder page.
- Click **Create**. The system proceeds with order creation.

IGT Orders

You can initiate an Intragovernmental (IGT) order in Oracle EBS using Buyer Work Center. On the **Awards** tab click the **IGT Orders** subtab to create, view, or update an IGT order. An IGT order consists of a header, preparer and approval information, lines, schedules, and distributions.

IGT orders contain both requesting and servicing agency information. As a requesting agency user, you can update information for the requesting agency, but you can only view the servicing agency details.

To create an IGT order, you must use a predefined document style that was set up for G-Invoicing.

Attachments from the requesting agency and the servicing agency are pushed to and pulled from the federal G-Invoicing application with the order.

See Introduction to G-Invoicing, page 1-xiii for more information.

Statuses and Orders

When orders are created in Oracle EBS and then pushed to the federal G-Invoicing application, the sequence of events and statuses is as follows:

- An order is created in Oracle EBS. The initial order status is Incomplete.
- The order is approved by the requesting agency, and the order status changes to Pre-Approved. At this time, the funds are not obligated.

3. The requester selects the **Share with Servicing Agency** action from the **Worklist** or from the **Select Order** list.
4. The system administrator runs the *Intragovernmental Order Interface Program* to push the order to the federal G-Invoicing application
 - If there are errors while pushing the order, then the requesting agency administrator is notified, the EBS order status changes to Rejected, and the G-Invoicing status changes to Error.
 - If the order is successfully pushed to the federal G-Invoicing application, then the requesting agency receives a response with the IGT order number and the G-Invoicing status, which are automatically updated in the IGT order in EBS. The order status in EBS remains at Pre-Approved, but the G-Invoicing status changes to Shared with Servicing Agency.
5. The servicing agency either accepts or rejects the order and pushes the updated information to the federal G-Invoicing application.
6. The requesting agency pulls the updated order information from the federal G-Invoicing application.
 - If the servicing agency rejected the order, then the G-Invoicing status changes to Rejected and the EBS order status changes to Rejected. The requesting agency can then update or delete the order.
 - If the servicing agency accepted the order, then the G-Invoicing status changes to Open and the EBS order status changes to Approved.

After this step, the funds are reserved and obligated. The order status changes to Approved, Reserved and the G-Invoicing status remains at Open.

Searching for IGT Orders

To find specific IGT orders, go to the **Buyer Work Center** and select the **Awards** tab and then the **IGT Orders** subtab.

To search for orders, you can either choose an option from the **Saved Search** list, or you can click **Search** to define your own search criteria. You can then save your search if desired.

In the IGT Orders Summary page, agencies can search for orders based on the predefined saved search criteria. By default, the **Manage Saved Search** list includes the following options:

- **My Approved Orders** shows all your approved IGT Orders.
- **My Incomplete Orders** shows all your incomplete IGT Orders.

- **My Pre-Approved Orders** shows all your pre-approved IGT Orders
- **My Rejected Orders** shows all your rejected IGT Orders.
- **Search:** Use this to create a new search with filters.

To manage your saved searches, click **Personalize**.

Viewing Search Results

The results table shows details including operating unit, order, IGT order, GT&C, revision, supplier, site, and more. Click an order number to view more details.

Note: If your system administrator has set up group security, then you see and can act on or create only orders that belong to your groups. To view, act on, or create orders in other groups, you must be added to those groups.

Creating an IGT Order

To create a new IGT order, select an IGT-enabled document style from the **Create** list to go to the **Create Purchase Order** page.

Enter header information and then details about the preparer and approvers, and about lines, schedules, and distributions.

Header Tab

On the **Headers** tab, complete the following details:

1. Select the GT&C from the list.

The application then inserts relevant data from the GT&C into the fields on the **Create Purchase Order** page.

If the supplier and supplier-site information is not populated by the application, then you must provide the details. If the GT&C has supplier and supplier site details, then that information is displayed here. You can search for a supplier and supplier site based on the agency location code (ALC). The list of values only displays servicing ALCs that are available in the GT&C.

2. Enter other relevant data on the **Headers** page based on the GT&C attributes in the federal G-Invoicing application.

Note: If your system administrator has set up group security, then you can see data only for your groups.

For more information about attributes, see Appendix A: Attributes and Usages for Templates in G-Invoicing, page A-1.

3. After the order is synchronized, you can view the servicing agency details and attachments on this page as well.
4. Optionally, add attachments in the **IGT Order Attachments** region.

Entering Preparer and Approvals Information

Enter preparer details for the requesting agency in the **Requesting Agency** region. Enter the title, name, telephone, email, and fax for the preparer, the order point of contact (POC), the funding official, and the program official.

If your agency has configured Oracle Approvals Management (AME) rules, then after you enter the funding official and program official information and submit the order for approval, these approvers are added as signers to the approvers lists in AME. Each signer is notified when another approves the order. If AME is not set up, then each signer is directly notified to sign the order.

You can view, but not update, the role details for the servicing agency in the **Servicing Agency** region.

Entering Line Details

Use the **Lines** tab to add new lines to an order or to update an existing line. You can add details such as category, line type, quantity, unit, and FSC or PSC code.

For information about predefined lines attribute groups, see Appendix A: Attributes and Usages for Templates in G-Invoicing, page A-1.

Schedules Tab

Use the **Schedules** tab to view and add scheduling details. You can also add quantity and price information here.

For information about predefined schedules attribute groups, see Appendix A: Attributes and Usages for Templates in G-Invoicing, page A-1.

Distributions Tab

Use the **Distributions** tab to view and add distribution details.

For information about predefined distributions attribute groups, see Appendix A: Attributes and Usages for Templates in G-Invoicing, page A-1.

Share with Service Agency During Approval Workflow

When an IGT order is approved, it must be signed by the program and funding official. The order is then shared with the servicing agency automatically, through a workflow.

The G-Invoicing status changes to Pending Posting when the order is approved by the requesting agency.

Ability to create IGT order having quantity as Zero (0)

The existing functionality IGT order functionality has been enhanced to support creation of order line schedules with the zero quantity. The IGT order modification supports the zero quantity as well.

Updating IGT Orders

You can update IGT orders by creating modifications.

For more information on updating orders, see IGT Modifications, page 5-42.

Creating IGT Orders Using Intragovernmental Requests

In Oracle CLM, the previous **MIPR** is now the **Intragovernmental Requisition** tab. This tab lists all approved intragovernmental requisitions that can be added to IGT orders.

In Oracle Purchasing, the new subtab **IGT Requisition** has been added to Demand Workbench. All the approved requisition lines (for an MIPR, the IGT requisition status must also be acknowledged and the obligation type must be Reimbursable) are available on the Demand Workbench for creating IGT orders. You must select these requisition lines and add them to the document builder.

To add requisitions to an IGT order, perform the following steps:

1. Select the **CLM Purchasing Super User** responsibility.
2. Click **Buyer Work Center**, and then **Requisitions**.

The **Demand Workbench** page appears.

3. Click the **IGT Requisition** subtab from the **Requisitions** tab.
4. Search for IGT requisitions.

The results table displays the OU, requisition (request number with line ID), GT&C, group, ALC, item, quantity, unit, price, need by date, and actions.

5. Set the type to **New IGT Order** or **Add to IGT Order/Modification** and enter the operating unit. The default is New IGT Order.
6. Select the requisition and click **Add**.

Note: Selected requisition lines must have the same GT&C number, group, ALC, and agency identifier.

The requisition line is added to the document builder.

If you selected New IGT Order, document builder creates a new IGT order with the requisition and line referenced in the **Distribution** page.

The operating unit defaults based on the value set for the *MO: Default Operating Unit* profile option.

The GT&C number defaults from the requisition line.

The currency is always USD.

The style is defaulted from the GT&C.

7. Click **Create**.

An IGT order is created and the **Update IGT Order** page opens.

Note: You cannot use the **Update** option in the document builder for intragovernmental requisitions.

8. Enter the required parameters.

9. Enter all the required details and approve the IGT order.

10. After the servicing agency approves the order, pull and synchronize the orders.

Add to IGT Order/Modifications: You can add requisition lines to incomplete orders or draft modifications. You can also select requisition lines and then select **IGT Order** to create a new modification. When you select **Add to IGT Order/Modification** as the type and add the requisition line to the document builder, then the **Order/Modification** attribute appears with a list of values. This list contains open orders that are available for new modifications: that don't have draft or in-process modifications, incomplete orders to add selected requisition lines to existing orders, or draft modifications to add selected requisition lines to existing draft modifications.

When the requisition lines are added to an existing order or modification, new lines are added. When the order is approved, the lines are added to the latest conformed copy and the encumbered accounting entries are created. If you select the approved or open orders, then the new modification is created with the requisition reference.

Auto Create API and Custom Hook

Auto Create API

For G-Invoicing, the Auto Create API converts requisitions into IGT orders automatically and pushes these orders to the federal G-Invoicing application after the requisition is approved.

Most of the G-Invoicing attributes are entered when you create an IGT order. Oracle CLM provides a custom hook so agencies can populate this information at each entity

level: header, line, schedule, and distribution.

Custom Hook package PO_IGTORD_CUSTOM

Agencies can use the custom hook package PO_IGTORD_CUSTOM to add logic that replaces default values and adds UDAs at each entity level. The package includes a sample implementation (commented code) for each procedure with examples of how to overwrite values in the collection. For more information on collection variables, refer to the PO_IGTORD_TYPES package.

Process: During autocreate, data is populated from the interface table to the PL/SQL collection and default values are applied to fields in the collection. After the process, custom hooks are called to override values in the PL/SQL collection, if needed.

The PO_IGTORD_CUSTOM package includes the following custom hook procedures:

Procedure Name	Parameters
DEFAULT_ORDER_HEADER_INFO	x_headers IN OUT NOCOPY PO_IGTORD_TYPES.headers_rec_type x_return_status OUT NOCOPY VARCHAR2
DEFAULT_ORDER_LINE_INFO	x_lines IN OUT NOCOPY PO_IGTORD_TYPES.lines_rec_type, x_return_status OUT NOCOPY VARCHAR2
DEFAULT_ORDER_LINELOC_INFO	x_line_locs IN OUT NOCOPY PO_IGTORD_TYPES.line_locs_rec_type, x_return_status OUT NOCOPY VARCHAR2
DEFAULT_ORDER_DIST_INFO	x_dists IN OUT NOCOPY PO_IGTORD_TYPES.distributions_rec_type, x_return_status OUT NOCOPY VARCHAR2

Procedure Name	Parameters
SET_ORDER_UA_INFO	p_int_hdr_id IN NUMBER, x_return_status OUT NOCOPY VARCHAR2

Funds Movement for Modification of Order Lines with Requisitions

Order lines with requisitions can be modified to change the quantity or price until they are added to an order. You can change the price and quantity at the order level. Funds are calculated based on the following scenarios:

- **When the quantity or price is reduced:** The funds for the reduced value are moved from obligation to the budget pool (not to the requisition).
- **When the quantity or price is increased:** The funds for the increased value are moved from the budget pool to obligation.

Note: In these scenarios, increasing funds during an order modification is not supported in Oracle CLM.

When the requisition line is added to an order or modification, if the requisition line amount is greater than the order line or schedule, the excess funds in the requisition are liquidated and sent back to funds available or to the budget pool. If the requisition line amount is less than the order line or schedule, then funds in the amount of the requisition line are moved from commitment to obligation. Excess funds are moved from the budget pool to create obligation. This applies to both new orders and order modifications.

Importing IGT Orders Created in the Federal G-Invoicing Application

If your agency uses EBS as the financial system and the federal G-Invoicing application for creating IGT orders, you must pull open orders periodically.

To pull open orders created in the federal G-Invoicing application, use the *Intragovernmental Orders Interface Program*.

Your system administrator must perform the following setup steps before pulling GT&C and IGT orders.

Note: In EBS, you cannot add requisitions to orders imported from the federal G-Invoicing application.

Setting the Origin of IGT Orders

You must set the origin of your buyer-initiated orders (BIOs) on the **G-Invoicing Options** page.

1. Select the *Oracle CLM Purchasing Super User* responsibility.
2. Click **Setup** and then **G-Invoicing Options**.

The **G-Invoicing Options** page appears:

Setting the BIO Origin

G-Invoicing Options Cancel Apply

Security Certificate Details

Truststore Path /u01/R122_EBS/fts1/EBSap Keystore Path /u01/R122_EBS/fts1/EBSap
Truststore Password Keystore Password

Schema Details

Order Schema Path /u01/R122_EBS/fts1/EBSap Performance Schema Path /u01/R122_EBS/fts1/EBSap

Associate System IDs

Agency Type	Operating Unit	System ID	Buyer Initiated Order	Delete
Requesting Agency	US Federal Government	SYSORACLEDEV01	E-Business Suite	

Inspect MDS Contents

E-Business Suite
G-Invoicing

3. In the **Buyer-Initiated Order** field, select **E-Business Suite** if you create orders in EBS and push them to G-Invoicing. Select **G-Invoicing** if you create orders in the federal G-Invoicing application and pull them to EBS.

If you select **G-Invoicing**, then run the *Intragovernmental Orders Interface Program* periodically to pull open IGT orders and modifications.

You can change this setting from G-Invoicing to E-Business Suite, but not from E-Business Suite to G-Invoicing.

Prerequisites

Before pulling orders from the federal G-Invoicing application:

- Complete the setup steps described below.
- Verify that the GT&Cs for the order you want to pull exist in EBS.
- Verify that the order is Open in G-Invoicing.

Required Setup Steps

1. Enable the predefined document style or create a document style for IGTs.

2. Add a default buyer and document style in the Purchasing Options.
3. Compile the predefined UDA templates and the associated attributes.
4. Search for the PO IGT Object Class Code in the **Lookup Types** page and include lookup codes exactly as they appear on the federal G-Invoicing application.
5. Create a servicing agency as a supplier and the agency location code (ALC) as the supplier site.
6. Add a new context Federal IGT UOM to the UOM DFF and set the IGT flag to Yes. Only these UOMs are used in intragovernmental transactions.
7. Set up TAS, BETC and funding segments.
8. Enter the security certificate details in the **G-Invoicing Options**. Select **G-Invoicing**.
9. Set up profile options for G-Invoicing.
10. Set up access control for G-Invoicing.
11. Set up AME workflow.
12. Set an ALC mapping for the requesting agency.
13. Schedule the *Intragovernmental Orders Interface Program* to invoke the REST service.

Additionally, an administrator must verify that the following user data is available in EBS:

- Verify or set up preparer and approval information when creating the IGT Order in G-Invoicing. Your administrator must ensure that these users are available in EBS and that the same email address is used in EBS and G-Invoicing. The email address provided for the preparer and approvers in the federal G-Invoicing application are used to identify corresponding preparer and approver details in EBS.
- Create users in EBS and link the same email addresses for creating IGT orders in the federal G-Invoicing application.
- Identify or derive charge accounts when pulling orders from the federal G-Invoicing application. Provide the Additional Accounting Classification details in the following format:

```
ACCTALIAS:igtaccount | PROJECT:XYZPRJ | TASK:PQRTASK | EXPTYPE:  
Labour | EXPORG:1825 | EXPDT:01-Oct-2022
```

Oracle Purchasing and CLM derive charge account information based on these values, and obligation entries are created when each order is successfully pulled into EBS.

- You can customize attributes to derive charge accounts by using the existing custom hook PO_IGTORD_CUSTOM provided by Oracle for orders. Refer to the PO_IGTORD_TYPES package for details on collection variables.
- The item code selected in G-Invoicing is the same as the FSC/PSC code in EBS.

Concurrent Program to Pull Open Orders from G-Invoicing

You can schedule the concurrent program *Intragovernmental Orders Interface Program* to pull open orders and modifications periodically. Refer to Pushing and Pulling IGT Orders, page 2-21.

If there is an error while pulling an order from G-Invoicing, an agency administrator or buyer is notified about the failure. You can correct and reprocess these orders.

You cannot select an operating unit in the **Create IGT Order** page when the **Buyer-Initiated Order** field is set to G-Invoicing for the operating unit in G-Invoicing options.

Also, you cannot add requisition lines to Document Builder to create an IGT order if you select an operating unit for which the **Buyer-Initiated Order** field is set to G-Invoicing in the **G-Invoicing Options** page.

Seller-Facilitated Orders (SFO) for the Requesting Agency

When the seller initiates an order, the order is known as a seller-facilitated order (SFO). When the buyer initiates an order, it is known as a buyer-initiated order (BIO).

For G-Invoicing, order pages in CLM and Purchasing display information sent by servicing agencies and by requesting agencies. In a SFO, the seller creates an order and shares it with the requesting agency for approval. The requesting agency (the buyer) enters additional information and then approves the order. The status updates to Open.

To work with SFOs, use the following process:

1. Use the *Intragovernmental Orders Interface Program* to pull SFOs shared with the requesting agency for approval.
2. For each order, enter additional details and approve the order. If you find any errors, you can reject the order.
3. Push approved or rejected orders to G-Invoicing.

Most order details are entered by the servicing agency, but a few attributes are updated by the buyer or by both agencies.

Note: The requisition link is not used for SFOs since funds are reserved during obligation.

Prerequisites

The following conditions must be met before an SFO can be pulled from the federal G-Invoicing application:

- Complete all setup steps.
- Confirm that the IGT order in G-Invoicing has the Shared with Requesting Agency status.
- Confirm that the GT&C referenced in the order exists in EBS.

Setup for Seller-Facilitated Orders

For SFOs, the system derives the line type and category based on the following conditions:

- If the unit price is equal to \$1 for all the schedules in an order line, then the line is treated as amount based. Otherwise, it is treated as goods based.
- The system derives the first line type available that has an assigned category. You can override the line type and category using the custom hook.
- Based on the FOB point setup, a 2-way or 3-way match is used. If the FOB point is Source or Origin, then 2-way matching is used. If the FOB point is Destination or Other, then 3-way matching is used.

Pulling Seller-Facilitated Orders into EBS

Use the *Intragovernmental Orders Interface Program* to pull seller-facilitated orders that are in Shared with Requesting Agency status. The concurrent program first pulls the order list and verifies that the GT&C referred to in the order exists in EBS. If the GT&C exists, then the request pulls the complete order information. Each order is further validated to ensure that details such as period of performance dates and unit of measure are set up correctly. If the validation fails, then a notification is sent to the administrator. The administrator corrects errors and then pulls the orders back into EBS.

Once you successfully pull the order into EBS, the order is created and displayed in the **IGT Order** page. The **Order Originating Partner** column differentiates seller-facilitated orders from standard orders. For seller-facilitated orders, this column displays Servicing Agency. The IGT order number is the G-Invoicing order number, the order status is Incomplete, and the G-Invoicing status is Shared with Requesting Agency.

Business Rules for SFO Attributes

Most attributes in an SFO are provided by the servicing agency and are display-only for the requesting agency. The requesting agency provides a few attributes, such as partner

information, program authority details, funding information, and standard line of accounting details.

In the Update IGT Standard Purchase Order page, on the Requesting Agency Funding Information region, the Object Class Code for requesting agency is a mandatory attribute. A submission validation checks if all the distributions have object class code. If the object class code is not provided, then an error is displayed.

- Refer to Federal Intragovernmental Data Standards (FIDS) for information about which attributes can be updated by servicing and requesting agencies.
- For more details about SFOs, refer to Seller-Facilitated Orders Created in Oracle Projects, page 6-27.

Approving SFOs

When an SFO is submitted to the requesting agency for approvals and the *Intragovernmental Orders Interface Program* runs, the order is created in EBS in the Incomplete status. The G-Invoicing status is Shared with Servicing Agency (SSA). After the order is approved and signed by the requesting agency funding official, the order status is updated to Approved, the funds are reserved, and the G-Invoicing status is set to Pending Posting.

The order XML is created and the request is inserted in the IGT_DOCUMENT_REQUEST table. Run the *Intragovernmental Orders Interface Program* to push approved SFOs to G-Invoicing.

When an order is successfully pushed to the federal G-Invoicing application, the G-Invoicing status changes to Open.

Rejecting SFOs

When the requesting agency rejects an order, the request XML program pushes the rejection details to G-Invoicing. The servicing agency corrects errors or makes other changes and then sends the order to the requesting agency again for approval.

When an order is rejected, the G-Invoicing status and the order status are Rejected.

Note: All setup requirements for the EBS G-Invoicing solution are necessary for seller-facilitated orders.

Modifying Seller-Facilitated Orders

The servicing agency initiates the modification of an SFO, then shares the modification with the requesting agency for approval.

The scheduled *Intragovernmental Orders Interface Program* pulls order modifications with

the status Pending with Requesting Agency. The requesting agency updates necessary attributes, approves the modifications, and then pushes them back to the federal G-Invoicing application.

When the requesting agency rejects an order modification, it is pushed back to G-Invoicing with the status Rejected. The servicing agency corrects errors or makes other changes and then sends the modification back to the requesting agency once more for approval.

Note: Admin changes from the servicing agency are updated in the requesting agency system along with the regular modifications.

Outright Rejects of a Seller-Facilitated Order

The seller-facilitated order is pulled by the requesting agency in an incomplete status. The requesting agency must provide a request information line with a bonafide cause and an object class code before sending the order for internal approval. The agency can use the new reject feature to reject an SFO outright without providing requesting agency's required information.

A requesting agency's buyer, contracting officer, or preparer wanted an opportunity to make corrections suggested by approvers and re-submit the order for approval within requesting agency. If the order requires any corrections from servicing agency, then preparer only rejects the order to send it to servicing agency for required corrections.

The reject functionality has been enhanced to differentiate internal rejection (within Requesting agency) and reject order to send it to Servicing agency. When the order is rejected by RA approver, the order will not be sent to G-Invoicing instead it can be edited by preparer and re-submit for approval again. Whereas if the order require correction from servicing side, preparer can reject order so that it can be pushed to G-Invoicing. allow a requesting agency to implement corrections before rejecting an order. After the adjustments are implemented, the requesting agency can reject the order which is pushed to federal G-Invoicing.

Rejecting an SFO

A new actions menu, Reject, has been added that lets the agency to outright reject an order and sending it back to the servicing agency for corrections. To reject an order, perform the following steps:

1. In EBS, click the **Purchasing US Federal** or **CLM Purchasing Super User** responsibility.
2. Click **Buyer Work Center** and then **Orders**.
3. In the **Orders** tab, click the **IGT Orders** subtab.
4. Click the **Order** hyperlink. The **IGT Standard Purchase Order** page appears in

view mode.

5. Select **Reject** in the **Actions** menu and click **Go**.
6. In the dialog box, enter the **Reason** for rejection.
7. Click **Apply**. An xml is generated, and the request is included in IGT_DOCUMENT_REQUEST table.

The 7600B Document

The 7600B document is a printed version of the agreement between two federal program agencies for a reimbursable intragovernmental order. Some agencies might need this document in order to get approval for their orders. The 7600B document is generated and sent to the approver in a notification every time the order is submitted for approval. The approver can print it and have it signed by the program and funding officials, and then scan and attach the signed document to the approved IGT order.

The 7600B document is supported for the following G-Invoicing features in EBS:

- Buyer-initiated orders (BIOs) created in Oracle CLM or Oracle Purchasing
- Seller-facilitated orders (SFOs) updated in Oracle CLM or Oracle Purchasing
- BIOS or SFOs created in G-Invoicing and pulled into Oracle CLM or Oracle Purchasing (when EBS is used as the financial system)

Viewing and Printing the 7600B Document

You can download the 7600B document at multiple points in the IGT order creation, modification, and approval lifecycle, from the following pages:

- IGT Orders Summary
- IGT Order Modifications Summary
- IGT Order Approval Notification

To view the 7600B document from the **IGT Order Summary** page or the **IGT Order Modification** page, perform the following steps:

1. From the **Home** page, select the *CLM Purchasing Super User* or *Purchasing US Federal* responsibility.
2. Click **Buyer Work Center** and then click **Orders**.
3. In the **Orders** tab, click the **IGT Orders** subtab or, for a modification, click the **IGT Modifications** subtab.

4. Search for and select the order for which you want to view the 7600B document.
5. From the **Select Order** or the **Select Modification** list, select **View 7600B**.
6. Click **Go**. The system generates the 7600B document as a PDF file, which you can print.

To download the 7600B document from an approval notification, perform the following steps:

1. Log in as the order approver.
2. Select the IGT order notification.
3. Click the order to approve.
4. Click the **Attachment** icon to view and download the attachment.
5. Save and print the attachment.

Attaching the Signed 7600B to an IGT Order

The **IGT Order Summary** page includes an **Add Attachments** option in the **Actions** menu. This action is enabled only for approved orders. When you add an attachment to an approved order, select **Requesting Agency** as the category to post the attachment to G-Invoicing.

To attach the scanned 7600B document to the order, perform the following steps:

1. To add the signed copy of the 7600B document, select **Add**.
2. Select **Requesting Agency** to share the document with the federal G-Invoicing application.

Select **Internal to Purchase Order** to save the document in EBS and not share with the federal application.

3. Click **Apply**.

Attachment File Naming Convention

The EBS G-Invoicing solution uses the following file naming convention for the 7600B document:

- For a draft order, the following file naming convention is used:

O||year||month-requestingagencyidentifier-servicingagencyidentifier-po_header_id-draft.pdf

Sample filename: O2205-020-020-170563-Draft.pdf

- For a draft modification, the following file naming convention is used:
`O||year||month-requestingagencyidentifier-servicingagencyidentifier-draft_id-Draft.pdf`
 Sample filename: O2205-020-020-170563-04-Draft.pdf
- Once an IGT order or modification is approved and pushed to G-Invoicing, the following file naming convention is used:
`igtordernumber.pdf`

Generating 7600B with a Concurrent Program

You can generate the 7600B document by running the PO IGT Generate PDF concurrent program. If an order has more than ten order lines, then this concurrent program is run to generate the 7600B when you choose **View 7600B** in the IGT order or modification summary page.

To run the concurrent program, perform the following steps:

1. Navigate to the *CLM Purchasing Super User* or *Purchasing US Federal* responsibility.
2. Click **Requests** and then **Submit a New Request**.
3. Query the concurrent program *PO IGT Generate PDF*.
4. Enter or select the operating unit from the list.
5. Enter the internal document number assigned to the IGT order.

You can enter the document number for a draft order that is not yet pushed to G-Invoicing.

6. Enter the IGT document number.
 You can enter this only for orders pushed to G-Invoicing.
7. Specify if the document is a draft, in-process, or a pre-approved modification. The default value is No. To print the document in a draft or work-in-progress state with unapproved changes, set the value to **Yes**.

To print the document with approved changes, set the value to **No**.

IGT Modifications

A modification is an updated IGT order. You can modify IGT orders in Oracle CLM or Oracle Purchasing. Your system administrator pushes the modifications to the federal G-Invoicing application.

See Introduction to G-Invoicing, page 1-xiii for more information.

Searching for IGT Modifications

To search for IGT modifications, navigate to Buyer Work Center, select the **Awards** tab, and then the **IGT Modifications** subtab.

Use the Saved Search feature to create a personalized search to meet your business needs. You can then edit, delete, or refer to your saved search. You can also use the following predefined saved searches:

- My Approved Modifications
- My Draft Modifications
- My In Process Modifications
- My Rejected Modifications

Click **Personalize** to create additional saved searches.

Viewing Search Results

From the search results table, you can:

- Update a modification. Select it and then select **Update**. You can update a modification only if it is in Draft status.
- View a base document. Select a modification and then select **View Base Document**.
- View a conformed document. Select a modification and then select **View Conformed Document**.
- Delete a modification. Select a modification and then select **Delete**.

Creating Modifications

You can create a modification for an IGT order that is in a status of Approved, Closed, or Finally Closed.

When you create a modification for an order, a separate document is maintained until the modification is merged with the latest copy of the order. When the modification is merged with the original copy, the attributes on the order are replaced with the changes made in the modification.

Note: You cannot create a modification for an order that already has a draft modification. Instead, select **View Modification** or the **Update Modification** action to work with the draft.

Modification Types

There are two types of modifications: Modification and Admin Modification. For information about the sequence of events and statuses for this change type, see "Modification Flow."

Use a regular modification if the changes require approval by the requesting agency approvers that are identified in the Oracle Approvals Management (AME) rules. Approvals are also required from funding and program officials identified in the **Preparer and Approvals Information** tab.

Use an admin modification if you want to update a few attributes in an IGT order and the changes do not require approval. When you submit the modification, the changes are automatically approved and merged with the original order.

Note: You cannot create a modification for an order that already has a draft modification. Select **View Modification** or the **Update Modification** action to change the draft. When you create a modification for an existing order, a separate document is maintained until it is merged with the latest copy. After the modification is merged with the original copy, the attributes on the IGT order are replaced with the latest changes.

Creating a Regular Modification

Which attributes can be updated depends on certain conditions. For example, you cannot modify certain attributes in an order if performance records exist for lines or schedules. If a performance record exists for an order line or an order schedule, then you cannot cancel the line or schedule. If the remaining balance for a performance type drops below zero, then you cannot reduce the order schedule quantity.

To create a regular modification:

1. Navigate to **Document Builder** or the **IGT Orders** page and search for the order that you want to modify.
2. Select **Create Modification** for the order that you want to update.
3. Modify changeable attributes such as the group, the line quantity, and the schedule and distribution as needed.
4. Submit the modification for approval.

Modification Approval and Merge Flow

After you submit a modification for approval, the sequence of events and statuses is as follows:

1. The application routes the document for approval according to the Oracle Approval Management (AME) setup.

2. After approval, the program and funding official signatures are required.
3. After signing, the EBS status of the modification changes to Pre-Approved.
4. You (the buyer) perform the Share with Servicing Agency action.
5. Your administrator runs the *Intragovernmental Order Interface Program* to push the modification document to the federal G-Invoicing application.
6. The federal application responds with the IGT order number and the G-Invoicing status, which are automatically updated in the IGT modification in EBS.

Note: If there are errors while pushing the modification, then your administrator is notified with the details. Your agency must correct the errors and try again.

7. The servicing agency either accepts or rejects the modification and pushes the updated information to the federal G-Invoicing application.
8. The requesting agency pulls the updated modification information from the federal G-Invoicing application.
9. Conditionally:
 - If the servicing agency rejects the modification, then the modification status changes to Rejected and the G-Invoicing status is updated to Rejected. The requesting agency can then update or delete the modification.
 - If the servicing agency accepts the modification, then the status of the order changes to Open and the last-updated date is added to the IGT order. The merge process is initiated and the modification is merged with the original IGT order. The modification status changes to Approved and the funds are reserved and obligated.

Creating an Admin Modification

To create an admin modification:

1. Navigate to the **IGT Orders** page and search for the order that you want to update. The order must have a status of Approved, Closed, or Finally Closed.
2. Select **Create Admin Modification** for the order.
3. Update attributes as needed.

You can only update attributes that do not require approval. All other fields are disabled.

For details about attributes and conditions, see Appendix A: Attributes and Usages for Templates in G-Invoicing, page A-1.

4. Submit the modification.

After you submit an admin modification, the change is pushed to G-Invoicing. The initial status in EBS is Pre-Approved, and the G-Invoicing status is Pending Posting. Your administrator runs the Intragovernmental Orders Interface Program to push the admin modification to the federal G-Invoicing application. The EBS status is updated to Approved and Merged. The G-Invoicing status changes to Open.

Updating Modifications

You can update a draft modification.

When you update a modification, you can perform the following actions:

- Check funds
- Delete
- Validate document
- Validate base document
- View conformed document
- View TAS or BETCs for a group

Canceling IGT Order Lines and Schedules through Order Modifications

You can initiate IGT order modification by canceling a line or schedule. The order modification undergoes AME approvals and is shared with the servicing agency after approval by the requesting agency funding official.

Lines Tab in IGT Order Modification

Demand Workbench | Assignments | **Awards** | IDVs | Deliverables | Negotiations | Suppliers | Contract Administration

Awards | Post Award Requests | Modifications | **IGT Orders** | IGT Modifications | IGT Performance

Awards: IGT Orders > Create IGT Order Modification >

Update IGT Order Modification PST-21-A-0044-RST39-C1A Cancel Actions Check Funds Go Save Approval Options Submit

* Indicates required field

► Search

Header | Preparer & Approvals Info | **Lines** | Schedules | Distributions

Operating Unit US Federal Government Total 100.00 USD

Select Lines: Actions Revert Go | ***

Line	Status	Type	Description	Category	Qty Unit	Amount Advance	Amount Net Due Am
0001	✓ Active Cancelled	Goods	line 1	MISC.MISC	10 EA	100.00	0

Table Diagnostics

Schedules Tab in IGT Order Modification

Demand Workbench | Assignments | **Awards** | IDVs | Deliverables | Negotiations | Suppliers | Contract Administration

Awards | Post Award Requests | Modifications | **IGT Orders** | IGT Modifications | IGT Performance

Awards: IGT Orders > Create IGT Order Modification >

Update IGT Order Modification PST-21-A-0044-RST39-C1A Cancel Actions Check Funds Go Save Approval Options Submit

* Indicates required field

► Search

Header | Preparer & Approvals Info | Lines | **Schedules** | Distributions

Operating Unit US Federal Government 100.00 USD

Select Shipments: Actions Revert Go | ***

Line	Description	Schedule	Status	Location	Org	Qty Unit	Price	Amount Advance	Pay Indicator	Actions
0001	line 1	1	✓ Active Cancelled	Fed-Internal Proc...	F1	10 EA	10	100.00	☐	✎ 🔄 🗑️

Table Diagnostics Diagnostic Console

When the servicing agency accepts a modification, the scheduled *Pull Orders Interface Program* retrieves the acceptance and the modification is updated or synchronized and then merged with the latest approved copy. The IGT order line or schedule is canceled in the merged copy of the IGT order.

When the servicing agency rejects a modification, the modification is updated or synchronized and the modification status is updated to Rejected. It is not merged with the latest conformed copy. The rejected modification can be updated and sent to the servicing agency again.

If a performance record exists for an order line or order line schedule, you cannot cancel it. When an IGT order line is canceled, corresponding schedules are canceled automatically.

Funding Impact when an Order Line or Schedule is Canceled

When an order line or order line schedule is canceled and there is no requisition reference, the performance obligation entries are reversed in accordance with the subledger accounting set up.

If there is a requisition reference, then the commitment on the requisition is reinstated, and you can use the same requisition to create another IGT order.

If the requisition line amount is greater than the corresponding order line or order line schedule amount, then the commitment entries are reinstated (created) with the amount obligated in the order and the remaining amount is reinstated from the budget. In this case, when the requisition line is partially added to an IGT order and the requisition line has more value than the corresponding order line or order line schedule amount, then the remaining funds in the requisition line are liquidated (added to funds available).

If the requisition line amount is less than the corresponding line or order line schedule amount, then the commitment is reinstated in the amount of the requisition and the remaining obligation amount is sent back to the budget pool. This is done because when the requisition line amount is less than the order line amount, funds equal to the requisition line amount are moved from commitment to obligation. Additional funds are then available to be used from the budget pool.

When an order line or order line schedule is canceled, the requisition is available in the pool and can be added to another IGT order.

Support for Admin Modification in SFO

The requesting agency can perform admin modifications on seller-facilitated orders in the open status in Oracle CLM and Purchasing. The IGT Orders page on the demand workbench, includes an option, Create Admin Modification, that is enabled for the seller-facilitated orders (SFOs) that is in an open status. The agency can perform admin modification on SFOs, push the modification to federal G-Invoicing. The admin modified orders do not require approvals therefore the G-Invoicing status remains unchanged.

When the requesting agency performs an admin modification on an SFO, saves it but has not submitted it, then the modification status is created and saved without submit, the modification status appears as draft in the IGT modification summary page. Once the admin modification is submitted, the changes are merged to original order and the G-Invoicing status is updated to Pending Posting. After the requesting agency runs the Intragovernmental Orders Interface Program concurrent program and pushes the admin modification successfully, the changes are updated in the IGT order. Changes are allowed for few attributes of IGT order via admin modification and if there is a performance available, some attributes are not allowed to update.

To perform admin modifications to seller-facilitated orders, perform the following steps:

1. From the **Home** page, select the **Purchasing US Federal** responsibility.
2. Click **Buyer Work Center**, and then **Order**.
3. From the **Order** tab, click the **IGT Orders** subtab.

4. Query for all open orders.
5. Select an open status seller-facilitated order and click **Create Admin Modification** and **Go**.
The **Admin Modification** page appears.
6. Update the fields and click **Save**.
7. Click **Submit** to complete the changes.

Push Admin Modified Orders to G-Invoicing

To push the admin modified orders to federal G-Invoicing, run the Intragovernmental Order Interface Program. Perform the following steps:

1. If you are in a different responsibility, switch to **CLM Purchasing Super User**.
2. Click **Requests** and then **Submit a New Request**.
3. In the **Name** field, enter *Intragovernmental Orders Interface Program*.
4. Enter the required fields and click **OK**.
5. Click **Submit**.

Note: Schedule this program to run as often as required to keep the G-Invoicing data current.

The IGT Modification summary page shows the type of modification performed on an IGT order, a regular modification or an admin modification. Refer to Admin Modification topic for a list of fields that can be modified.

IGT Performance

A performance transaction is the exchange of data about the progress of an IGT-related activity that has been agreed upon between the requesting and servicing agencies. The servicing agency performs against an order, an order line, or an order line schedule by completing services or delivering goods, and then submits that performance through the federal G-Invoicing application. The requesting agency pulls the submitted performance from the G-Invoicing application and records the performance. Performance transactions provide key triggers for the recording of accounting entries related to accruals, advances, and liquidations.

Note: To view the **IGT Performance** tab, you must have the IGT Performance Manager role. Contact your administrator if you do not

have this role.

In Buyer Work Center, on the **IGT Performance** subtab of the **Awards** tab, you can perform the following tasks:

- Search for and view servicing agency performances.
- Record the quantity received against a delivery performance.
- Review performance transactions that your agency has pushed to the federal G-Invoicing application, and correct or adjust the quantities.

Searching for and Viewing Performance Records

Note: Before you can search for performance records, they must be retrieved (pulled) from the federal G-Invoicing application into EBS. To pull performance records submitted by the servicing agency, your administrator runs the *Intragovernmental Performance Interface Program*.

To find performance records and details:

1. Go to Buyer Work Center. Click the **Awards** tab, and then the **IGT Performance** subtab.
2. Select a saved search or enter one or more criteria in the **Filters** region, and click **Go**.

The results table displays performance records that match your search criteria and are in one of the following G-Invoicing statuses:

- Pending
- Settled
- Informational

The associated performance records can be one of the following performance types:

- Advance
- Delivered/Performed
- Received/Accepted
- Deferred Payment

Taking Action on Performance Records

The actions you can take depend on the performance type and the order originating agency (servicing or requesting), as described in the following table.

Requesting Agency Action	Performance Type	Originating Agency	Action Description
Create Reference Performance	Delivered/Performed	Servicing	Go to the Create Reference Performance page. See Creating a Reference or Adjustment Performance, page 5-52 for more information.
Create Adjustment Performance	Received/ Accepted	Requesting	Go to the Create Adjustment Performance page. See Creating a Reference or Adjustment Performance, page 5-52 for more information.
View Performance	All	Requesting, Servicing	View details for the performance record.
View Receipts	Delivered/ Performed, Deferred Payment	Requesting	View the receipt details that are automatically created by referencing the approved performance transactions.
View Invoices	Advance, Delivered/Performed	Requesting	View the invoices that are automatically created by referencing the approved performance transactions.

Requesting Agency Action	Performance Type	Originating Agency	Action Description
View Payments	Advance, Delivered/Performed	Requesting	View the payment vouchers that are automatically created by referencing the approved performance transactions.
View Requisitions	Advance, Delivered/Performed, Deferred Payment	Requesting	View the requisitions based on the order and schedule attached to the performance transaction.
View Orders	Advance, Delivered/Performed, Deferred Payment	Requesting	View details for the related order.
View GT& C	Advance, Delivered/Performed, Deferred Payment	Requesting	View GT&C details for the related order.
Pull Attachments	N/A	N/A	Import and view attachments from the Attachments region.

Creating a Reference or Adjustment Performance

Create a reference performance record to record the received quantity and to accept the delivered or performed transaction.

1. Navigate to the **Create Reference Performance** page or the **Create Adjustment Performance** page.
2. In the **Header** region, enter the date, accounting period, and comments. The **Reference Information** region is read-only.
3. In the **Performance Details** region, update the quantity received and select the final performance indicator.
4. In the **Performance Attachments** region, view and add attachments if required.

5. Submit the transaction. The EBS status of this record changes to **Pending Posting**.

Your system administrator runs the *Intragovernmental Performance Interface Program* to push the received performance record to the federal G-Invoicing application. For a reference performance, this action indicates that the goods or services are received. For an adjustment performance, this action indicates that the corrections are accepted.

Performance Accounting for Intragovernmental Transactions

Federal Accounting Standards Advisory Board (FASAB) guidance recognizes revenue as goods delivered and services performed or in proportion to the total amount of services performed. Trading partners share performance data to ensure agreement before any accounting entries are recorded.

The Oracle EBS G-Invoicing solution posting logic for transaction types similar to the federal G-Invoicing application, as goods delivered or services completed for capital asset purchases, assisted acquisitions, advance payments, and work-in-progress transactions.

The performance manager can review all performance transactions on the **IGT Performance** page and then create received or accepted performances and adjustments to received performances. When delivery performance transactions are pulled, the expenses must be recorded by the requesting agency on the date when goods and services are delivered and completed. Similarly, when there is a settlement for any performance, it must be accounted.

The pulled performance data is integrated with receiving and payables for accounting. The concurrent programs *Intragovernmental Performance Integration to Receiving Program* and *Intragovernmental Performance Integration to Payables Program* create receipts, prepayment invoices, invoices, and credit memos to account performance transactions. When the entire schedule quantity is received and invoiced, then the status of the schedule is updated to Closed.

Intragovernmental Performance Integration with Payables

To run the concurrent program *Intragovernmental Performance Integration to Payables*, perform the following steps:

1. From the **Home** page, select the *CLM Purchasing Super User* responsibility.
2. Click **Reports** and then **Schedule Requests** or click **Requests** and then **Submit a New Request**.

The **Schedule Requests: Define** page appears.

3. Search for and select the concurrent program *Intragovernmental Performance Integration to Payables*.

4. Click the **Parameters** tab.
5. Select an operating unit.
6. Optionally, select an order number.
7. In the **Invoice Type** field, select **Standard Invoice**, **Prepayment Invoice**, or **Credit**.
8. In the **Process Error Documents** field, select **Yes** to reprocess all error records.
9. Click **Continue**.

The **Schedule Requests: Review** page appears.

10. Review the parameters you have entered.
11. Click **Submit**.

The concurrent program creates the invoice without validation, accounting, and payment. The status in the history table is Success Invoicing.

To validate and create accounting entries for the invoice, run the concurrent programs *Invoice Validation* and *Transfer to GL*.

You can also pay or clear a payment entry automatically by using the payment request process programs, defining attributes such as payment method, payment process profile template, and bank accounts to complete the settlement. The clearance process completes required accounting.

You can include these concurrent programs in a request set to run one after the other:

- Intragovernmental Performance Integration to Payables
- Invoice Validation
- Transfer to GL
- Payment Processing Request (to automatically pay)

Note: The reference columns on the invoice display the performance reference details.

Intragovernmental Performance Integration with Receiving

To run the concurrent program *Intragovernmental Performance Integration to Receiving*, perform the following steps:

1. From the **Home** page, select either the *CLM Purchasing Super User* responsibility or the *Purchasing, US Federal* responsibility.

2. Click **Reports** and then **Schedule Requests** or click **Requests** and then **Submit a New Request**.

The **Schedule Requests: Define** page appears.

3. Search for and select the concurrent program *Intragovernmental Performance Integration to Receiving*.
4. Click the **Parameters** tab.
5. Select an operating unit.
6. Optionally, select the order number.
7. In the **Process Error Documents** field, select **Yes** to reprocess all error records.
8. Click **Continue**.

The **Schedule Requests: Review** page appears.

9. Review the parameters you have entered.
10. Click **Submit**.

The concurrent program creates receipts. The performance reference for each receipt is recorded in a descriptive flexfield (DFF).

For more details about the descriptive flexfield, see *Configuring Descriptive Flexfields for Performance Accounting Transactions*, page 2-31.

Design Considerations for Performance Accounting

- The two or three-way matching is derived based on the Freight on Board (FOB) point of the order. If FOB is Source, the buyer does not have to send acceptance and the matching type is two-way. If FOB is Destination, the buyer must create a received performance when servicing agency sends a delivery performance. In this case, the matching type is three-way and accounting entries are created for both delivered and received performances.
- The concurrent processes *Invoice Validation*, *Transfer to GL*, and *Payment Process Requests* are used to automate the invoice creation process.
- Agencies must specify the pay group (for example, IGT Pay Group), payment method (for example, Clearance) in the Supplier and Supplier Site details. These are used as default values during invoice creation to help clear IGT performance transactions.

Prepayment Invoice Creation During Advance Performance Submission

Regardless of whether a given FOB point is set up as a source or as a destination, the servicing agency initiates the advance performance transaction that generates advance payments or collection of funds.

Create Prepayment Invoice

When an advance performance transaction is pulled into Oracle E-Business Suite and staged, the details are inserted into the IGT Performance History table (PO_IGT_PERF_TRANS_HISTORY) with the performance type Advance and the transaction status Pending Invoicing. After the prepayment invoice is created, the status is updated to Success Invoicing in the history table.

The advance performance process is independent of the FOB selection. In the case of advance schedules in the IGT order, the settlement occurs for the advance performance.

The tables provided in the following topics illustrate performance transactions, corresponding document numbers in receiving and payables, and the type and status of the transaction. These details help you track the performance data to the GL accounting entry.

The EBS G-Invoicing solution includes the concurrent program *Intragovernmental Performance Integration to Payables*. You can run this process to insert advance performance transactions into Oracle Payable interface tables with the invoice type Prepayment and create prepayment invoice. You can schedule this program to create prepayment invoices automatically.

Receipt Creation During Delivered Performance Integration with Receiving

The servicing agency initiates a delivered performance transaction when goods or services are delivered to a requesting agency.

Create Receipt

When a delivered performance is pulled into EBS and staged with the FOB point set to Destination, the details are inserted into the IGT Performance History table (PO_IGT_PERF_TRANS_HISTORY) with the transaction type Receipt and the status Pending Receiving. When the concurrent program *Intragovernmental Performance Integration to Receiving Program* has run, the receipt is created in receiving, and the status is updated to Success Receiving in the history table.

If the FOB point is Destination, then the receipt is created. If there are non-advance schedules in the IGT order (where the Advance Payment indicator is set to No) and the FOB is set to Destination, then the settlement occurs for the received or accepted performance. Run the concurrent program *Intragovernmental Performance Integration to Receiving Program* to insert delivered performance transactions in the receiving open interface tables. When the FOB is set to Destination, you can schedule this program to create receipts automatically.

Note: The receipt must be accounted by running the concurrent program *Transfer to GL – Receiving*.

Standard Invoice Creation During Delivered or Received Performance Integration with Payables

If the FOB point is set to Source or Origin, then all the schedules in the order are considered two-way, and if the FOB point is set to Destination or Other, then the schedules are considered a three-way match with the receipt. For a three-way match, you must set the **Invoice Match** option to Receipt.

Create Standard Invoice

When a delivered performance is pulled into EBS and staged with the FOB point set to Source or Origin, the details are inserted in the IGT Performance History table (*po_igt_perf_trans_history*) as the type Standard Invoice and with the status Pending Invoicing. When the concurrent program *Intragovernmental Performance Integration to Payable Program* has run, a standard invoice is created in Oracle Payables, and the status is updated to Success Invoicing in the history table.

When a received or accepted performance is pulled into EBS for an IGT order with the FOB point set to destination, and received performance is mandatory for FOB destination, details are inserted in the IGT performance history table with the transaction type Standard Invoice and the status Pending Invoicing. When the concurrent program *Intragovernmental Performance Integration to Payable Program* has run, a standard invoice is created in Oracle Payables and the status is updated to Success Invoicing in the history table.

- The standard invoice is created, and it must be validated, accounted, and paid using programs such as *Validate Invoice*, *Transfer to GL*, and *Payment Process Request*.
- If the delivered performance is created for an order line schedule with the advance payment indicator set to Yes, then the prepayment is applied automatically during invoice creation.

Receipt Correction for an Adjustment to Delivered Performance Integration with Receiving

The servicing agency initiates an adjustment to a delivered performance transaction by reducing the quantity when goods or services are delivered.

Correct Receipt

When an adjustment to a delivered performance is pulled into EBS and staged with the FOB point set to destination, details are inserted in the IGT Performance History table (*PO_IGT_PERF_TRANS_HISTORY*) with the transaction type Receipt Correction and the status Pending Receipt Correction. When the concurrent program *Intragovernmental*

Performance Integration to Receiving Program has run, the corresponding receipt is created for delivered performance and is corrected to reduce the delivered quantity in receiving, and the status is updated to Success Receipt Correction in the history table.

Credit Memo Creation During an Adjustment to Delivered or Received Performance Integration with Payables

The servicing agency initiates an adjustment to a delivered performance transaction by reducing the quantity when goods or services are delivered. The requesting agency initiates an adjustment to the received performance transaction by reducing the quantity when goods or services are received and accepted.

Create Credit Memo

When an adjustment to a delivered performance is pulled into EBS and staged with the FOB point set to Source or Origin, then the details are inserted in the IGT Performance History table (PO_IGT_PERF_TRANS_HISTORY) with the transaction type Credit Memo and the status Pending Credit Memo. When the concurrent program *Intragovernmental Performance Integration to Payable Program* has run, the credit memo is created in Oracle Payables and the status is updated to Success Credit Memo in the history table.

When an adjustment to a received or accepted performance is available in EBS with the FOB point set to Destination, details are inserted into the IGT Performance History table (PO_IGT_PERF_TRANS_HISTORY) with transaction type Credit Memo and the status Pending Credit memo. When the concurrent program *Intragovernmental Performance Integration to Payable Program* has run, the credit memo is created in Oracle Payables and the status is updated to Success Credit Memo in the history table.

Note: The credit memo must be validated, accounted, and finally the refund created in payments of Oracle Payables.

The following tables display the events created when a requesting agency pulls performances and integrates performance transactions with receiving and payables.

When FOB is Source or Origin (Two-Way)

The following table shows the transaction details and events created when FOB is set to Source or Origin (two-way matching).

FOB Set to Source or Origin (Two-Way Matching)

Performance Type	Advance Indicator	Events Created	Events Needing Attention	Manual Intervention
Advance	Yes	Prepayment invoice	<ul style="list-style-type: none"> • Invoice validation • Create Accounting • Payment Process Request to record settlement 	
Adjustment to Advance	Yes	None	Create or apply: <ul style="list-style-type: none"> • Standard invoice for the adjustment amount • Remaining prepayment invoice to standard invoice • Credit memo for the adjustment amount • Refund for the adjustment amount with credit memo 	Yes

Performance Type	Advance Indicator	Events Created	Events Needing Attention	Manual Intervention
Delivery	Yes	<ul style="list-style-type: none"> • Standard invoice (expense accounted) • Prepayment invoice applied based on order line schedule 	<ul style="list-style-type: none"> • Invoice Validation • Create Accounting 	
Delivery	No	Standard invoice	<ul style="list-style-type: none"> • Invoice Validation • Create Accounting • Payment process request to record settlement 	

Performance Type	Advance Indicator	Events Created	Events Needing Attention	Manual Intervention
Adjustment to delivery	Yes	Credit memo (expenses accounted)	<ul style="list-style-type: none"> • If there are delivered performances, then the requesting agency creates a standard invoice for the credit memo to settle. • If an amount is returned or refunded by creating an adjustment to advance by the servicing agency (to the extent of delivered performance), then you must select the credit note and create a refund transaction. • Use <i>Invoice Validation</i> and <i>Transfer to GL</i> programs to automatically validate and account transactions. 	Yes

Performance Type	Advance Indicator	Events Created	Events Needing Attention	Manual Intervention
Adjustment to delivery	No	Credit memo (expenses accounted)	<ul style="list-style-type: none"> • Create refund manually • Run <i>Invoice Validation</i> • Run <i>Transfer to GL</i> 	Yes
Accepted or received	Yes	NA	None	
Accepted or received	No	NA	None	
Adjustment to received	Yes	NA	None	
Adjustment to received	No	NA	None	

When FOB is Destination or Other (Three-Way and Invoice Match Option is Receipt)

The following table shows the transaction details and events created when the FOB is set to Destination and Other (three-way matching):

FOB Set to Destination or Other (Three-Way Matching)

Performance Type	Advance Indicator	Events Created	Events Needing Attention	Manual Intervention
Advance	Yes	Prepayment invoice	<ul style="list-style-type: none"> • Invoice validation • Create Accounting • Payment process request records settlement 	
Adjustment to Advance	Yes	None	Create or apply: <ul style="list-style-type: none"> • Standard invoice for the adjustment amount • Remaining prepayment invoice to standard invoice • Credit memo for the adjustment amount • Refund for the adjustment amount with credit memo 	Yes

Performance Type	Advance Indicator	Events Created	Events Needing Attention	Manual Intervention
Delivery	Yes	Receipt (expenses accounted)	<ul style="list-style-type: none"> Receipt is created Invoice creation initiated to clear payment The servicing agency sets up pay group, payment method and payment process profile Invoice Validation Create Accounting 	
Delivery	No	Receipt (expenses accounted)	<ul style="list-style-type: none"> Create Accounting - Receiving 	
Adjustment to delivery	Yes	Receipt is corrected	<ul style="list-style-type: none"> Create Accounting - Receiving 	
Adjustment to delivery	No	Receipt is corrected	<ul style="list-style-type: none"> Create Accounting - Receiving 	

Performance Type	Advance Indicator	Events Created	Events Needing Attention	Manual Intervention
Accepted or received	Yes	<ul style="list-style-type: none"> <li>• Standard invoice (creates debit and credit for the same account) <li>• Standard invoice matched with receipt <li>• Prepayment invoice applied (prepayment is reduced) 	<ul style="list-style-type: none"> <li>• Invoice creation initiated to clear advance <li>• Set up pay group, payment method, and payment process profile <li>• Run <i>Invoice Validation</i> <li>• Run <i>Transfer to GL</i> 	

Performance Type	Advance Indicator	Events Created	Events Needing Attention	Manual Intervention
Accepted or received	No	<ul style="list-style-type: none"> Standard invoice (creates debit and credit for the same account) Standard invoice matched with receipt Prepayment invoice applied (prepayment is reduced) 	<ul style="list-style-type: none"> Invoice creation initiated The servicing agency sets up pay group, payment method, and payment process profile Run <i>Invoice Validation</i> Run <i>Transfer to GL</i> Run <i>Payment Process Request</i> 	

Performance Type	Advance Indicator	Events Created	Events Needing Attention	Manual Intervention
Adjustment to received	Yes	Credit memo created (same debit and credit)	You must: <ul style="list-style-type: none"> • Unapply prepayment • Reduce the invoice • Use a credit memo to adjust Or <ul style="list-style-type: none"> • Wait for a new invoice • Cancel the credit memo with an invoice 	Yes

Performance Type	Advance Indicator	Events Created	Events Needing Attention	Manual Intervention
Adjustment to received	No	Credit memo created (initiates refund)	<p>The requesting agency must:</p> <ul style="list-style-type: none"> • Create a refund manually with a credit note • Run <i>Invoice Validation</i> • Run <i>Transfer to GL</i> <p>Standard invoice (to void expense) records expense based on servicing agency adjustment to delivered performance:</p> <ul style="list-style-type: none"> • Create receipt correction • Create credit note (debit and credit are the same) • Balance off both standard invoice and credit memo created 	Yes

Integrate Deferred Performance for Journal Entry Creation

For deferred payment performance transactions, the requesting agency creates journal

entries that indicate the progress of the work done by the servicing agency. The deferred payments are accounted as accruals and are reversed when the requesting agency receives a new deferred payment performance for the same order line schedule. For a deferred payment performance with the status Informational, a journal entry is created in the purchasing subledger with the date as the performance date. When the status of the deferred payment performance is changed to Deleted, a reversal journal entry is created with the date of the latest deferred payment performance for the same order line schedule.

When a servicing agency submits a deferred payment to the federal G-Invoicing application, the following points are considered:

- G-Invoicing does not allow a servicing agency to create a deferred payment performance against an order line schedule for which the Advance Payment Indicator is set to Yes.
- G-Invoicing does not allow deferred and delivered performances for a quantity that exceeds the unexpensed balance. The remaining balance is calculated as equal to the ordered quantity, with the sum of deferred and delivered quantity [Remaining Balance = Ordered – (Deferred + Delivered)].
- G-Invoicing expects the servicing agency to reverse deferred payments of unexpensed balance when creating a delivery performance.
- When two accounting periods are open, G-Invoicing allows deferred payments reported against only the open past period.
- When two accounting periods are open, G-Invoicing does not count delivered or performed quantities reported against the second period (open current period) when evaluating a deferred payment reported against the first period (open past period).

These validations are explained in the use cases covered later in this topic.

When a servicing agency successfully submits a deferred payment to G-Invoicing, the requesting agency pulls the deferred payment and stages it in the **IGT Performance** page. The transaction is then interfaced with GL journal entries. Also, when a servicing agency submits a deferred payment for the same order line schedule, the previous deferred payment is deleted, and the recent deferred payment includes the previous deferred payment quantity too.

The new concurrent program *Intragovernmental Deferred Performance Integration Program* is run to create accruals and reversal journals in a subledger. The concurrent program *Transfer to GL* transfers these entries to the general ledger.

Running the Deferred Performance Interface Program

The concurrent program *Intragovernmental Deferred Performance Integration Program* creates journal entries in a Purchasing subledger. When a requesting agency pulls a

deferred payment for an order line schedule, records are inserted into the history table with the status Pending Accounting. When the concurrent program runs, the journal entry is created in the subledger and the status in the history table changes to Success Accounting. The transaction number is updated in the history table.

For transactions in the Informational status, accrual journal entries are created in the status Pending Accounting. For transactions in the Deleted status, reversal journal entries are created in the status Pending Reversal. When journals are created successfully, the statuses in the history table are updated to Success Accounting and Success Reversal respectively.

When subsequent deferred payments for the same order line schedule are pulled by the requesting agency, the concurrent program creates journal entries for the recent deferred payment and reversals for earlier deferred payments to reverse accruals. To reverse pending deferred payments that are in the Informational status in the previous period, the requesting agency selects the **Reverse Previous Period Pending Deferred Payments** parameter in the concurrent program. The journal entries are reversed in the current period. This parameter accounts reversal journals for the pending informational deferred payments in the previous period (after the period is closed or open previous period).

- If, when a deferred payment performance is pulled for the first time, it already has the status Deleted, then two records are inserted in the history table. One record is in the status Pending Accounting, and the other in the status Pending Reversal. The accrual journal is created first and then the reversal journal.
- Performance dates are used to create journals. The performance date of the new deferred payment is used when a reversal journal entry is created for the previous deferred payment.

To run the *Intragovernmental Deferred Performance Integration Program*, perform the following steps:

1. From the **Home** page, select the *CLM Purchasing Super User* responsibility.
2. Select **Reports** and then **Schedule Requests** or click **Requests** and then **Submit a New Request**.

The **Schedule Requests: Define** page appears.

3. Search for and select the concurrent program *Intragovernmental Deferred Performance Integration Program*.
4. Click the **Parameters** tab.
5. Enter your operating unit (mandatory).
6. Enter an order number if you want to pull the deferred performance for a specific order.

7. Set the **Reverse Previous Period Pending Deferred Payments** option. If you select **Yes**, then the deferred payments that are pending at the end of the previous period in an Informational status are reversed.
8. Indicate whether to process error documents. Transactions that error due to period validity or other set up problems are reprocessed to create journals and reversals.
9. Click **Continue**.
The **Schedule Requests: Review** page appears.
10. Review the parameters you have entered.
11. Click **Submit**.

For example, consider the hypothetical order ABC01 with the quantity 100. A deferred payment with quantity 40 is submitted by the servicing agency on January 5, 2022. After the *Intragovernmental Performance Interface Program* is run, the deferred payment is displayed with the Informational status on the **IGT Performance** page, and a journal is created in the subledger.

The servicing agency submits another deferred payment for the same order line schedule for a quantity of 45 on January 10, 2022. After the intragovernmental deferred performance interface program is run and pulls the data, two lines are created. The first line shows the reversal for the previously submitted deferred performance quantity of 40 with January 10 as the performance date. The transaction status shows Deleted, and in the history table the status is Pending Reversal. The deferred payment status in the **IGT Performance** page is Informational. The reversal journal entry is created for quantity 40.

The second line shows the deferred payment for a quantity of 45, created in the status Informational. The history table shows the status Pending Accounting, and a journal is created in the subledger.

Note: Use the *Transfer to GL Program* concurrent program to post the subledger entries to the general ledger.

Journal or Reversal Journal in Purchasing Subledger Setup

When you apply the patches, the following setup steps are performed by the patches.

- The existing journal source Purchasing is used to create journals.
- The new journal category IGT Deferred is created.
- The existing Federal Purchasing Application Accounting Definition is used in the accounting definition.

- The new event class IGT Deferred Performance is created.
- The following event types are used:
 - IGT Deferred Performance Create - Creates journal for deferred payment performance in the status Informational.
 - IGT Deferred Performance Reversal - Creates reversal journal for deferred payment performance in the status Deleted.
- Journal Line Types: Includes journal line definitions to track journals and reversal journals related to deferred payment performance:
 - IGT_ACCRUED_LIABILITY - IGT Accrued Liability (Accounts Payable)
 - IGT_DEL_OBJ_UNPAID - IGT Delivered order obligation unpaid
 - IGT_OPERATING_EXPENSES - IGT Operating Expenses
 - IGT_UNDEL_OBJ_UNPAID - IGT Undelivered order obligation unpaid
 - IGT_REVERSE_ACCRUED_LIABILITY - IGT Reverse Accrued Liability (Accounts Payable)
 - IGT_REVERSE_DEL_OBJ_UNPAID - IGT Reverse Delivered order obligation unpaid
 - IGT_REVERSE_OPERATING_EXPENSE - IGT Reverse Operating Expenses
 - IGT_REVERSE_UNDEL_OBJ_UNPAID - IGT Reverse Undelivered order obligation unpaid
- Journal Header Description: Includes the journal description to capture the performance and IGT order numbers such as IGT_DEFERRED_PERF_HEADER - IGT Deferred Performance Header
- Journal Line Descriptions: Includes the journal description to capture the performance and IGT Order numbers such as IGT_DEFERRED_PERF - Intragovernmental Deferred Performance and IGT_DEFERRED_PERF_REVERSE - Intragovernmental Deferred Performance Reversal
- Account Derivation Rule: Includes the account derivation rule specified as FV Budget Account. You can modify this.

API Support for G-Invoicing Flows

Oracle CLM and Oracle Purchasing provide APIs and custom hooks to create GT&Cs,

add logic and default values to orders, and to add payment methods, pay group, and DFF details when creating invoices for performance transactions.

API for GT&Cs

This custom API is invoked when GT&Cs are pulled into EBS. Use this API to set the vendor, vendor site, default buyer, and document number (if you use manual purchase order numbering).

- **Technical Name:** PO_CUSTOM_IGT_PKG

Procedure Name	Parameter
set_gtc_related_info	p_igt_request_id IN NUMBER
	p_org_id IN NUMBER
	x_results_rec IN OUT PO_IGT_PUB_PKG. custom_rec_type
	x_return_status OUT VARCHAR2

API for Creating an IGT Order in EBS

The PO_IGTORD_TYPES package provides procedures to customize values at each entity level such as header, lines, shipment, and distributions. A sample implementation is included for each procedure. Use the PO_IGTORD_CUSTOM API to add custom code and logic to default values for attributes.

The PO_IGTORD_CUSTOM API is invoked when an order is automatically created from the IGT requisition, open buyer-initiated orders (that are pulled from the federal G-Invoicing application), open or shared with requesting agency seller-facilitated orders (pulled from the federal G-Invoicing application).

- **Technical Name:** PO_IGTORD_CUSTOM
- **Prerequisites:** Check for the flow as shown in the table:

Flow	PO_IGTORD_PARAMS. g_document_creation_method (value)
Auto-create	

Buyer-initiated order pulled from the federal G-Invoicing application	BIO_GINV
Seller-facilitated order	SFO_GINV

Note: The GT&C must exist in EBS and must be approved.

The following table lists input parameters for the procedure:

Procedure Name	Parameter
DEFAULT_ORDER_HEADER_INFO	x_headers IN OUT PO_IGTORD_TYPES.headers_rec_type, x_return_status OUT VARCHAR2
DEFAULT_ORDER_LINE_INFO	x_lines IN OUT PO_IGTORD_TYPES.lines_rec_type, x_return_status OUT VARCHAR2
DEFAULT_ORDER_LINELOC_INFO	x_line_locs IN OUT PO_IGTORD_TYPES.line_locs_rec_type, x_return_status OUT VARCHAR2
DEFAULT_ORDER_DIST_INFO	x_dists IN OUT PO_IGTORD_TYPES.distributions_rec_type, x_return_status OUT VARCHAR2
SET_ORDER_UA_INFO	p_int_hdr_id IN NUMBER, x_return_status OUT VARCHAR2

Custom APIs for Performance

The Oracle EBS G-Invoicing solution includes the following APIs for handling performance transactions:

- **Technical Name:** PO_IGT_PERF_CUSTOM.DEFAULT_INV_HDR_LINE

Use this API to default payment method, pay group information and other DFF attributes on the invoice header and line interface tables when creating invoice for performance transactions.

Procedure Name	Parameter
DEFAULT_INV_HR_LINE	P_INV_HDR_DATA IN OUT PO_IGT_PERF_INV_INTG_PKG. InvoiceHdrRecTabType, P_INV_LINES_DATA IN OUT PO_IGT_PERF_INV_INTG_PKG. InvoiceLinesRecTabType, x_return_status OUT VARCHAR2

- Technical Name:** PO_IGT_PERF_CUSTOM. DEFAULT_RCV_HDR_LINE
 Use this API to default additional information into the receiving interface tables at the header and line level when creating receipts for performance transactions.
- Technical Name:** PO_IGT_PERF_CUSTOM. DEFAULT_RCV_HDR_LINE_CR
 Use this API to default additional information into the receiving interface tables at the line level when correcting receipts for performance transactions.

Procedure Name	Parameter
DEFAULT_RCV_HDR_LINE	P_RHI_DATA IN OUT PO_IGT_PERF_RCV_INTG_PKG.RhiTabType, P_RTI_DATA IN OUT PO_IGT_PERF_RCV_INTG_PKG.RtiTabType, x_return_status OUT VARCHAR2
DEFAULT_RCV_HDR_LINE_CR	P_RHI_DATA IN OUT PO_IGT_PERF_RCV_INTG_PKG.RhiTabType, P_RTI_DATA IN OUT PO_IGT_PERF_RCV_INTG_PKG.RtiTabType, x_return_status OUT VARCHAR2

Auto-Create Order API from Requisition

Use this API to automatically create incomplete or approved orders from IGT requisitions.

- **Technical Name:** PO_IGTORD_PVT.create_igt_order
- **Prerequisites:**
 - The requisition must be approved. If it is an MIPR, then it must be approved and accepted.
 - Required FIDS information must be populated using the PO_IGTORD_CUSTOM package before calling this API.
- **Outcome:** An IGT order is created automatically when the requisition is approved.

Procedure Name	Parameter	Required or Optional
create_igt_order	p_calling_module IN VARCHAR2	Required
	p_batch_id IN NUMBER DEFAULT NULL	Optional
	p_interface_header_id IN NUMBER DEFAULT NULL	Optional
	p_requisition_header_id IN NUMBER DEFAULT NULL	Required
	p_igt_request_id IN NUMBER DEFAULT NULL	Optional
	p_parent_igt_request_id IN NUMBER DEFAULT NULL	Optional
	p_org_id IN NUMBER	Required
	p_initiate_approval IN VARCHAR2	Required (Y, N)
	x_document_id IN OUT NUMBER	Required in case of Add to Order
x_draft_id OUT NUMBER	Not applicable	

Procedure Name	Parameter	Required or Optional
	x_document_number OUT VARCHAR2	Not applicable
	x_number_lines OUT NUMBER	Not applicable
	x_error_code_tbl IN OUT PO_TBL_VARCHAR2000	Not applicable
	x_return_status OUT VARCHAR2	Not applicable
	x_msg_count OUT NUMBER	Not applicable
	x_msg_data OUT VARCHAR2	Not applicable
	x_online_report_id OUT NUMBER	Not applicable

TAS and BETC Validation API in IGT Requisitions

Use this API to validate TAS, BETC, charge account, agency identifier, ALC and group values.

- **Technical Name:** ICX_POR_IGT_VALIDATIONS.validate_igt_tas_betc
- **Prerequisites:** The charge account, requesting agency identifier, ALC and group must be available in the requisition.

Closing and Reopening IGT Orders

Agencies can close and reopen intragovernmental (IGT) orders. Only the requesting agency can initiate an order close.

Closing an IGT Order

When an order is selected for close, the system performs the following validations:

- If there are outstanding performance transactions, you cannot close the order. For example, if the FOB point is set to Destination or Other and the order is not advance enabled, then the total quantity delivered and performed against an order line schedule must equal the total quantity received and accepted. If the received or accepted performance is not equal to delivered performance, then an error occurs.
- The order quantity must be completely billed and equal to the billed invoice

quantity. When the invoiced quantity is not equal to the ordered quantity, an error message is displayed. The order quantity and billed quantity validations are not applicable for canceled lines or schedules.

- There must be no pending performance or adjustments either in the history table or in the federal G-Invoicing application.
- If the advance payment indicator is set to Yes for an order line schedule, then the advance performance quantity must be equal to the delivered performance quantity, then the standard invoice (created with reference to delivered performance) must be created and a prepayment invoice must be applied on the standard invoice. If the advance is not applied on the delivered invoice, then an error message is displayed.

When an order is closed, the order status in Purchasing or CLM is changed to closed and the G-Invoicing status is updated to Pending Closure Posting. You must run the concurrent program *Intragovernmental Orders Interface Program* and push the order to the federal G-Invoicing application. The order status in the federal G-Invoicing application changes to Closed and the close order reason is updated. The servicing agency can pull and see the order status.

If you are using the federal G-Invoicing application to create and approve intragovernmental transactions and then pulling the GT&Cs, orders and performances into EBS for accounting, then you can close both buyer-initiated orders (BIOs) and seller-facilitated orders (SFOs) in the federal G-Invoicing application. When you pull these orders, they appear as closed in EBS as well.

When the *Intragovernmental Orders Interface Program* runs:

- If the posting is successful, then the closed status and closed date for the order are updated in EBS.
- If the posting is unsuccessful, then the closed status and closed date for the order are updated to NULL in EBS. The G-Invoicing status is set to Open and an error notification is sent.

The close action is enabled for orders created in Oracle CLM and Oracle Purchasing and also for SFOs created in the federal G-Invoicing application.

Note: You cannot manually close a BIO that was created in the federal G-Invoicing application, because BIOs are pulled into EBS to record financial transactions. Close the order in the federal G-Invoicing application and pull the closed order into EBS.

Custom hook: A custom hook is available for agencies to include additional validations before closing an IGT order.

Ensure that the following conditions are met before you close an order.

Prerequisites

- The billed quantity and the order quantity must be equal.
- There must be no outstanding performance transactions for the order you are attempting to close.

Note: When there is a difference between the order amount and the performance amount (when the performance is marked as Final), you must create a modification and reduce the order amount to the extent of the performed value (for release of excess funds) and then initiate the close action in EBS.

To close an IGT order:

1. From the **Home** page, select the *CLM Purchasing Super User* responsibility.
2. Click **Buyer Work Center**.
3. Click the **Awards** tab, and then the **IGT Orders** subtab.

The **IGT Orders Summary** page appears.

4. Select an order with the Open status in G-Invoicing and the Approved status in EBS.
5. Select **Close** from the **Action** menu.
6. Click **Go**.
7. Enter the reason for closing the order.
8. Click **Apply**.

Reopening an IGT Order

You can reopen a closed order through a regular modification, but not an admin modification. The **Create Modification** option is enabled in the **Actions** menu for closed orders.

You can create a modification by adding new lines or schedules. When you approve a modification, it is shared with the servicing agency for approval. When the servicing agency approves the modification, the modification is pulled back by the requesting agency and the order status changes to Approved.

When you create a modification, either from Demand Workbench or directly using the Create Modification action, the order line schedule and line status must be updated only if a change is made to the line.

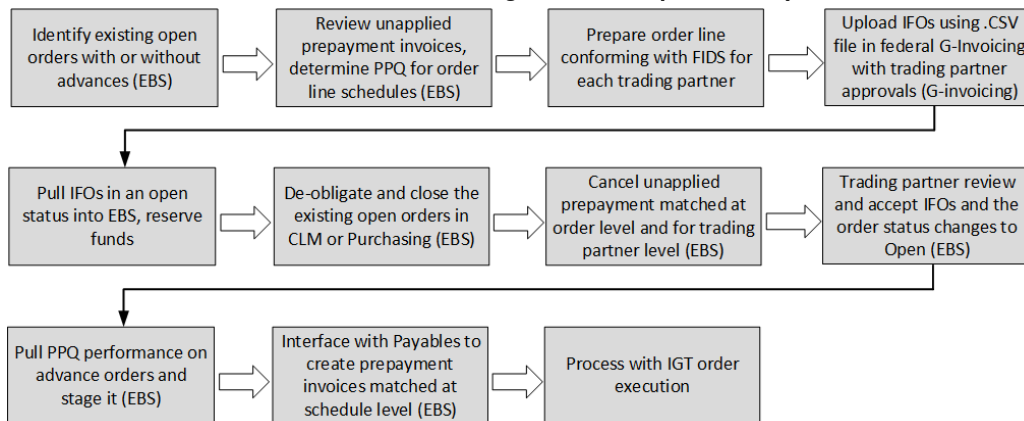
Support for In-Flight Order (IFO) from Requesting Agency

In-Flight Orders (IFO) or In-Process orders are existing intragovernmental orders that were created in the legacy systems before the agencies moved to G-Invoicing solution. These orders are not yet fulfilled or not completely delivered or performed by the agencies. The recommendation from treasury is to enter In-Flight Orders as replacement orders in G-Invoicing system.

Process Flow for Oracle E-Business Suite and Federal G-Invoicing Maintained (New Order)

The following diagram illustrates the process flow for nuyer-initiated orders maintained in both Oracle E-Business Suite and Federal G-Invoicing maintained orders:

Process Flow for E-Business and G-Invoicing Maintained (New Order)



Identify and compile the list of orders from the legacy system to move to the federal G-Invoicing application. After discussions with the requesting agency, the PMO office prepares and enters GT&C, order details including order lines, order line schedules, and associated PPQs for each in-flight order in the .CSV file (Treasury's approved .CSV file standard). Refer to Treasury G-Invoicing User Guide for more details on the .CVS file standards.

You can upload in-flight orders to federal G-Invoicing using one of these methods:

- **Compiling .CSV bulk upload file**
 - The trading partners divide open orders between advance-enabled and non-advance order categories.
 - Determine the PPQ (prepaid quantity) associated with each in-flight order by the unapplied prepayment amount.

- Examine the quantity delivered, the quantity billed, and the quantity paid to determine the outstanding quantity at the order schedule level.
- For current IFOs, determine and specify the FOB point using 2- or 3-way matching.
- **Uploading Orders Using the .CSV File Format**
 - The order originating partner indicator determines if an order is a buyer-initiated order (requesting agency) or a seller facilitated order (servicing agency). The bulk in-flight orders are uploaded into the G-Invoicing system by the requesting or service agency as replacement orders for undelivered quantities. (**Navigation:** In federal G-Invoicing, click **Requesting Agency** or **Servicing Agency** tab and then choose **Order Upload**).

The agency does the following after successfully compiling the list of intragovernmental orders with undelivered quantity and necessary details into the .CSV file:

For BIO:

- If the order originating partner is set to requesting agency, then the requesting agency may initiate and uploads the .CSV bulk in-flight orders to federal G-Invoicing (**Navigation:** In federal G-Invoicing, select **Requesting Agency** and click **Upload**). Browse, select a file, and click upload.
- Once in-flight orders are uploaded successfully to federal G-Invoicing and approved, the requesting agency shares the file with the servicing agency for approval.
- The servicing agency receives an email notification with the .CSV file link.
- The servicing agency enters required parameters and uploads the completed file to federal G-Invoicing. (**Navigation:** In federal G-Invoicing, select **Servicing Agency** and click **Order Upload**).
- After the file is successfully uploads, the IFO order status changes to Open.
The requesting agency can pull the order into Oracle EBS. The order interface and approval processes remain unchanged.

For SFO:

- If the order originating partner is set to servicing agency, then the servicing agency initiates and uploads the .CSV file for in-flight orders to federal G-Invoicing (**Navigation:** In federal G-Invoicing, select **Servicing Agency** and click **Order Upload**). Browse and select the file and click upload.
- Once in-flight orders are uploaded to federal G-Invoicing, the servicing agency shares them with the requesting agency for approval.

- The requesting agency enters values for required fields and uploads the completed file (**Navigation:** In federal G-Invoicing, select **Requesting Agency** and click **Order Upload**).
- Once the file uploads successfully, the IFO order status changes to Open.
The servicing agency can pull the order into Oracle EBS. The order interface and approval processes remain unchanged.

Creating In-Flight Orders

- Both agencies can create in-flight orders using the regular order creation link in federal G-Invoicing (**Navigation:** In federal G-Invoicing, click **Requesting Agency** or **Servicing Agency** tab and then choose **Order**). They must set the **In-Flight Order Indicator** to **Yes**.
- The partner agencies approve these orders.
- Once IFOs are approved, the order status changes to Open.

Note: Agencies must use the concurrent program *Intragovernmental Orders Interface Program* to pull IFOs and use the Get Orders List request type.

Pulling In-Flight Orders into Oracle CLM or Purchasing

The following topic describes procedures to pull the in-flight orders into Oracle CLM or Purchasing.

Prerequisites

- Create, upload, and approve in-flight orders using the Treasury's .CSV file format in federal G-Invoicing.
- Agencies create and approve GT&Cs related to IFOs in federal G-Invoicing.
- Create GT&Cs in collaboration with your trading partners. Review your existing IAAs and enter mandatory information in GT&C such as group, ALC, order originating partner, agreement type, and advance payment enabled or not, advance acquisition indicator for the in-flight order.
- Identify or derive charge accounts when pulling orders from the federal G-Invoicing application. Provide the Additional Accounting Classification details in the following format: *ACCTALIAS:igtaccount|PROJECT:XYZPRJ|TASK:PQRTASK|EXPTYPE:Labor|EXPORG:1825|EXPDT:01-Oct-2023*
- Oracle Purchasing and CLM derive charge account information , and obligation

entries are created when each order is successfully pulled into EBS. You can customize attributes to derive charge accounts by using the existing custom hook PO_IGTORD_CUSTOM provided by Oracle EBS for orders. Refer to the PO_IGTORD_TYPES package for details on collection variables.

- Pull GT&Cs, groups for GT&Cs from federal G-Invoicing into Oracle EBS.
- Once the previously settled performance (PPQ) is pulled into Oracle EBS, any adjustments to these PPQs should be done only in Oracle EBS.
- Verify or set up preparer and approval information when creating the in-flight order in federal G-Invoicing. Your administrator must ensure that these users are available in Oracle EBS and an identical email address is used in both the applications. The email address provided for the preparer and approvers in the federal G-Invoicing application are used to identify corresponding preparer and approver details in Oracle EBS.
- Create users in EBS and link the same email addresses for creating in-flight orders in the federal G-Invoicing application.
- Use custom hooks to add data to default accounts.
- Ensure you use the Get Order List as the parameter for the request type when running the concurrent program for pulling IFOs into Purchasing or CLM.

The requesting agency pulls IFOs into Oracle CLM or Purchasing. The pulled orders are displayed in the Intragovernmental Orders page.

Pulling In-Flight Orders into Oracle EBS

To pull IFOs into Oracle CLM or Purchasing, perform the following steps:

1. From the **Home** page, select the **Oracle CLM** or **Purchasing Super User** responsibility.
2. Click **Requests** and then **Schedule**.
3. The **Schedule Request: Define** page appears.
4. Query the concurrent program *Intragovernmental Orders Interface Program*.
5. Click the **Parameters** tab.
6. From the **Agency Type** list, select an agency, requesting or servicing agency.
7. Select **Pull** for the request mode.
8. Select **Get Order List** for the request type. Ensure you use the Get Order List as the

value.

9. Select an operating unit.
10. Select an agency location code
11. Click **Ok** and click **Submit**.

The concurrent program pulls all the open in-flight orders from federal G-Invoicing and creates, reserves funds, creates obligation and approves the orders in Oracle EBS.

If an agency selects the option as normal order upload, and in the G-Invoicing Options the Requesting Agency Order Creation/Approval option in Oracle EBS is set to E-Business Suite, then the Intragovernmental Orders Interface Program will not pull the open orders from federal G-Invoicing because the order need to be initiated from EBS. In-Flight Orders that are in open status are pulled into Purchasing or CLM irrespective of the above parameter in G-Invoicing options.

Note: Once the replacement orders (open IFOs) are successfully pulled from federal G-Invoicing into Oracle CLM or Purchasing and funds are reserved, you must de-obligate and close orders that are already present in Oracle EBS.

Impact of In-Flight Orders in Oracle CLM or Purchasing

The following pages have been impacted by the in-flight order functionality implementation in Oracle CLM and Purchasing:

- The IGT Purchase Order page includes an option, **In-Flight Order Indicator**, that identifies if an order is an in-flight order.
- Agencies can filter and search data with In-Flight Orders criteria.
- Agencies can modify IFOs just like how they would do other IGT order modifications. Agencies can also close IFOs like other IGT orders..
- The lookup of on the IGT Performance page lets you filter data using the Previously Settled value to view PPQ advance performance records on the IGT performance summary page.

Pre-paid Advance Management

When an in-flight order includes the previously settled quantity (PPQ) in the .CSV file and is uploaded, then the advance performance is created automatically by federal G-Invoicing in with the Previously Settled status.

Note: The previously settled advance performance can also be created from the Performance page in the federal G-Invoicing application.

When the requesting agency pull a previously settled advance performance, they are interfaced with payable to create prepayment invoices. Oracle recommends adjusting any outstanding prepayment balance to zero and then create prepayment again using the performance interface to payables at the schedule-level. The process of applying these prepayments on the standard invoices remains unchanged at the schedule-level.

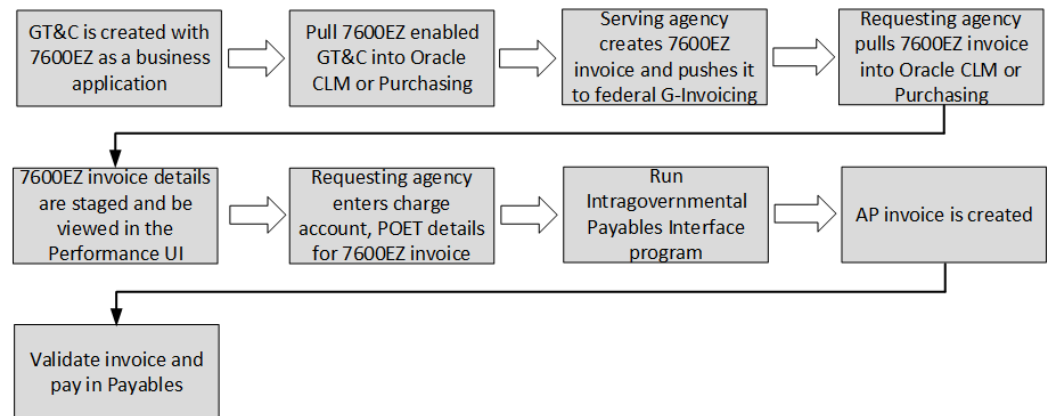
Support for EZ Invoicing

Oracle E-Business Suite G-Invoicing solution supports 7600 Easy (EZ) Invoicing for low dollar purchases and high-volume orders to expedite transaction settlements without requiring an order for settlement. The EZ Invoice is available when both trading partners have the EZ Feature Flag set to Yes. Manage Feature Flags must be enabled for the requesting and servicing sides by the Master Administrators before EZ can be processed in federal G-Invoicing.

Orders between two trading partners are not involved in this procedure, however order and performance data are combined in the invoice data.

Using the Bureau of the Fiscal Service's APIs, Oracle Purchasing or CLM allows push and pull of an EZ invoice transactions between trading partners, creating corresponding subledger transactions.

7600EZ Invoice Process Flow



The following is a summary flow of EZ invoicing support in EBS:

- In federal G-Invoicing, set the business application (BizApp) feature flags to enable 7600EZ invoicing.
- Pull the BizApps and BizApp features into Oracle CLM or Purchasing using the

concurrent program, *Intragovernmental BizApps and Features Interface Program*.

- Create a GT&C with the Business Application value of 7600EZ (under \$ 10,000) in federal G-Invoicing and both the trading partners approve the GT&C.
- The requesting agency pulls the created GT&C into Oracle CLM and Purchasing.
- The servicing agency creates the EZ invoices and pushes it to federal G-Invoicing.
- The requesting agency pulls these EZ invoices.
- The system stages the EZ invoice details into the performance history table and appear in the IGT performance page with performance type as EZ Invoice.
- The requesting agency enters the charge account, POET details for the EZ invoices.
- The requesting agency runs the intragovernmental payables interface program to interface the 7600EZ invoices to Oracle Payables.
- The Payables invoice is created and the EZ Invoice is settled.
- The invoice is validated, accounted for and paid.

Prerequisites

The agency must satisfy the following conditions before using the EZ Invoicing:

- In federal G-invoicing, enable business application features for EZ for both requesting and servicing agencies
- Pull the business application rules and features from G-Invoicing using the concurrent program, *Intragovernmental BizApps and Features Interface Program*
- Create an EZ-enabled GT&C and pull the GT&C into Oracle CLM or Purchasing.
- In the G-Invoicing options page, set JSON as the GT&C Response Type.

EZ invoices are pushed or pulled to and from G-Invoicing using the JSON data exchange format. For example, for a pre-defined conditions or features of Business Application 7600 EZ (Under \$ 10,000) are, the following conditions must be set

- Agreement type must be set to multiple
- Seller-Facilitated transactions
- Non-Advance
- FOB point set as source

- Rejection days are set to 30 days

When an EZ invoice's performance date appears in the past, rejection days use the transaction date. When the EZ invoice's performance date appears in the future or is later than the transaction date, then the rejection day uses the performance date. Other business applications of such types are GSA Fleet Leasing, GSA Global Supply, GPO Print Orders.

These transactions are also similar to an EZ invoice, but these invoices have certain conditions. For example, GSA fleet may have more than \$ 10,000 value. The other business applications include Constructive Order Acceptance, Order Revert, Performance while Order Modification.

Roles

When the agency has the UMX|IGT_PERFORMANCE_VIEWER role (IGT Performance Viewer Role), the agency can view EZ invoices. If the agency has the UMX|IGT_EZ_MANAGER role (IGT EZ Manager Role), then they can update EZ invoices, accept or reject an EZ invoice.

Intragovernmental 7600EZ Invoice Interface Program

The concurrent program, *Intragovernmental 7600EZ Invoice Interface Program*, lets agencies pull EZ invoice and EZ reverse transactions into Oracle Contract Lifecycle Management for Public Sector (CLM) or Purchasing. When these invoices are pulled, the system validates if the corresponding GT&C exists in CLM or Purchasing.

To pull or push EZ invoice, perform the following steps:

1. If you are in a different responsibility, switch to **CLM Purchasing Super User**.
2. Click **Requests** and then click **Submit a New Request**.
3. In the **Name** field, enter **Intragovernmental 7600EZ Invoice Interface Program**.
The **Parameters** window appears.
4. **Agency Type:** Select **Requesting Agency**.
5. **Request Mode:** Select **Push** to send data to or **Pull** to retrieve data from the federal G-Invoicing application.
6. **Request Type:** If the request mode is pull, then select from the following values:
 - Get 7600EZ Attachment
 - Get 7600EZ by List
 - Get 7600EZ by ID

7. **Operating Unit:** Specify the operating unit.
8. **Agency Location Code (Optional):** To retrieve data for a specific agency, select the agency location code (ALC).
9. **EZ Number:** Enter the EZ invoice number.
10. **GT&C Number:** Enter the GT&C number.
11. **Document Status (Optional):** If you specify a status, then the program only processes documents in that status. The options available are Deleted, Informational, Pending, and Settled.
12. **Process Error Documents:** Select **Yes** or **No**. If you select **Yes** and specify an order number, then only that EZ invoice is processed. If you do not specify an invoice number, then all invoices with errors are processed. The default value is No.
13. Click **OK**.
14. Click **Submit**.

Note: Schedule this program to run as often as required to keep the G-Invoicing data current.

Pulling an Easy (EZ) Invoice

The requesting agency pulls the EZ invoice from federal G-Invoicing that is in Settled or Pending status. The agency can use the *Intragovernmental 7600EZ Invoice Interface Program* to pull the EZ invoice. If the EZ invoice (JSON format) pulled is not available in CLM or Purchasing, then the EZ invoice is inserted in the staging tables with the attachment metadata. The EZ Invoice can be pulled when the status is either settled or pending. The records are inserted into the performance staging tables and also inserts a record in the po_igt_perf_trans_history table with the pending invoicing status. This status does not create payable invoice unless an EZ Invoice transaction is settled and internal status changes to Complete.

If an EZ invoice was already pulled with the pending status and when the agency pulls the same invoice with the settled status, the EZ invoice status is updated to settled. All the settlement information including the attachment metadata is staged as well. If the EZ invoice exists and is in a settled status, then the attachment details are synchronized with attachment ID in the attachment table. Initially, when the EZ Invoice is pulled into Oracle CLM or Purchasing, the internal status of the invoice appears as incomplete. The agency can provide charge account, supplier, supplier site and Project, Task, Expenditure Organization, Expenditure Date details. When the charge account, supplier and POET details are saved, the EZ Invoice status changes to complete. The completed transactions are ready to be interfaced with payables.

Updating an 7600 Easy (EZ) Invoice with Attachments

When the requesting agency pulls an EZ invoice, records are staged with the incomplete internal status and the performance type as EZ invoice. The agency must provide supplier details and charge account, but specifying the POET information is optional. If POET details are specified, then the charge account and corresponding TAS must be valid value based on the setup. When the charge and POET details are saved, the EZ invoice is updated to completed status and the records are available in the `po_igt_perf_trans_history` table with the Pending Invoice status. The agency can interface the EZ Invoice details to payables using the *Intragovernmental Performance Integration to Payables Program* concurrent program to create an invoice in Oracle Payables.

To create an EZ invoice in Oracle Payables, perform the following steps:

1. If you are in a different responsibility, switch to the **Purchasing Super User**.
2. Click **Requests** and then click **Submit a New Request**.
3. In the **Name** field, enter **Intragovernmental Performance Integration to Payables Program**.
4. Select an operating unit.
5. Select an invoice type as Standard Invoice (EZ Invoice), or Credit Memo (7600 EZ Reverse or 7600 Delete (when the rejected transaction is settled)).

When the invoice record is available in history table with the pending invoicing status, the Intragovernmental Payable interface program uses these records and creates a payable invoice.

The new custom hook, `PO_IGT_EZ_PERF_CUSTOM.SET_DEFAULT_EZ_INFO.SET_DEFAULT_EZ_INFO`, lets you identify all the EZ invoice transactions and default supplier details, POET, CCID (to derive charge account) and purchase order details (optional). Agencies can use the custom hook to populate data for an EZ invoice transaction.

A new concurrent program, *Intragovernmental 7600EZ Validation Program*, updates the required information.

Custom Hook Support

`PO_IGT_EZ_PERF_CUSTOM.SET_DEFAULT_EZ_INFO.SET_DEFAULT_EZ_INFO`: Agencies can use the custom hook to enter the purchase order details or supplier, supplier site, POET and charge account information for an EZ Invoice. The concurrent program, *Intragovernmental 7600EZ Validation Program*, uses the custom hook. When validations are successful, the EZ Invoice status is updated to complete.

A non-IGT purchase order (with amount-based lines) can be created by agencies to obligate funds. The agencies can use the custom hook to provide PO details before

interfacing to payables. Purchase order details are validated with the EZ invoice details (TAS, BETA, TPTAS, TPBETA).

```
PO_IGT_EZ_PERF_CUSTOM.SET_DEFAULT_EZ_INFO.SET_DEFAULT_EZ_INFO
```

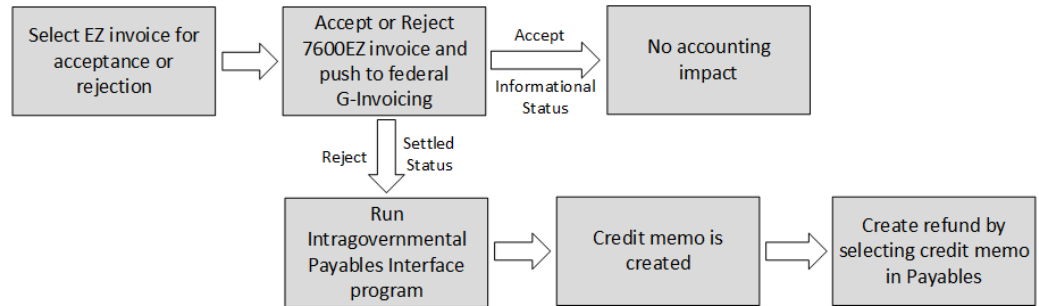
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- ,p_org_id IN PO_IGT_PERF_HEADER.org_id%TYPE
- ,p_internal_perf_dtl_id IN PO_IGT_PERF_DETAIL.internal_perf_dtl_id%TYPE
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- ,x_task_id OUT NOCOPY PO_IGT_PERF_DETAIL.task_id%TYPE
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- ,x_expenditure_type OUT NOCOPY PO_IGT_PERF_DETAIL.expenditure_type%TYPE ,x_return_status OUT NOCOPY VARCHAR2);

Accepting or Rejecting an EZ Invoice

After an EZ Invoice is pulled into Oracle CLM or Purchasing, the requesting agency updates supplier information, the charge account and then interfaces the EZ Invoice to Payables and the payable invoice is created and paid.

The following diagram describes accepting or rejecting an EZ Invoice flow:

Accept and Reject EZ Invoice Process Flow



When the EZ invoicing is completed, the requesting agency can either accept or reject the invoice. When the EZ invoice is accepted, the invoice status changes to informational and there are no accounting impact for such accepted transaction.

The requesting agency can reject an EZ invoice within the 30 days of the invoice creation. The invoice rejection results in the funds returned to the requesting agency. If the reject is performed outside of the 30 day rejection period, then the status is updated to informational and there will not be any impact on accounting.

In the case of EZ invoice rejection, the requesting agency should coordinate with the servicing agency to reverse the EZ invoice. When the servicing agency reverses the EZ Invoice, a new transaction is created as EZ reverse. The requesting agency can then pull the reversed EZ invoice and account for the refund. To accept or reject an EZ invoice, perform the following steps:

1. From the **Home** page, select **Purchasing US Federal** responsibility.
2. Click **Buyer Work Center**, and then **Order**.
3. From the **Orders** tab, click the **IGT Performance** subtab.
4. Query for EZ invoices. Optionally, you can review rejection remaining days for all the EZ invoice transaction and either accept or reject from the IGT performance summary page.
5. Select a completed status EZ invoice.
6. From the **Select Performance** menu, select **Accept** or **Reject 7600EZ Invoice** and click **Go**.

The **Accept** or **Reject 7600EZ Invoice** page appears.

7. Select the **Performance Type**, **7600EZ Rejected** or **7600EZ Accepted**.
8. Enter the **Comment** for rejection or acceptance.
9. Enter the point of contact details.

10. Click Submit.

The performance summary page includes a column, **Rejection Days Remaining**, that displays the days remaining to accept or reject an EZ invoice transaction. Agencies can filter this column to accept or reject an EZ invoice. The reject and accept EZ invoice creates EZ Accept, EZ Reject respectively in Oracle EBS with the invoicing status as pending or completed (based on the parent EZ invoice transaction) and the internal status as pending posting.

Pushing the Accepted or Rejected EZ Invoice

If an agency rejects or accepts an EZ invoice in Oracle CLM or Purchasing, then the requesting agency must push the acceptance or rejection to federal G-Invoicing.

Number of Days to Rejection on the Performance Summary Page

- The rejection days are the length of time within when a requesting agency can reject an EZ invoice and initiate funds reversal for the rejected invoice.
- The rejection day period is determined by the value specified in the Business Application on a GT&C. An agency can set the number of days to rejection after discussing with trading partners to reject an EZ invoice transaction in federal G-Invoicing as part of business application features.
- The rejection days are calculated based on the specified transaction date or the performance date. When the performance date of an EZ invoice is back-dated, then the rejection day uses the transaction date. If the performance date is set in the future or is later than the transaction date, then the rejection day uses the performance date.

Within the Rejection Days Window:

- The requesting agency can reject an EZ invoice when the invoice is in a pending or settled status.
- If the EZ Invoice is already accepted or rejected, then they cannot be rejected again.
- If an EZ invoice is rejected within the rejection days, then the pending status is changed to settled.
- The requesting agency cannot delete a rejected transaction that is already in the settled status.

Outside the Rejection Days Window:

- The requesting agency can reject an EZ invoice when it is in a pending or settled status.

- If an EZ invoice has an accepted or rejected transaction, then they cannot be rejected.
- If an EZ invoice is rejected after the rejection days, then the status is changed to informational.

The following processing occurs in Oracle EBS:

- **Acceptance of EZ Invoice:**
 - If the invoice is accepted in Oracle EBS, then the internal status shows pending posting. The G-Invoicing status changes to informational when it is successfully pushed to federal G-Invoicing.
 - There is no accounting impact for an accepted EZ invoice transaction, and the EZ invoice accepted transactions is not inserted into the po_igt_perf_trans_history table.
- **Rejection of EZ Invoice:**
 - If an EZ Invoice is rejected outside of the rejection days, the G-Invoicing status is updated to informational when it is successfully pushed to federal G-Invoicing. The record is inserted in the performance history table with No Accounting Impact.
 - If the EZ invoice is rejected within the rejection days, and the G-Invoicing status is unsettled when it is successfully pushed to federal G-Invoicing, then there a record is inserted in the performance history table with the Pending Invoicing status, The record is then interfaced to payables to create credit memo to a record refund transaction.
 - If a rejected invoice exists in Oracle CLM or Purchasing with the informational status but it is deleted in federal G-Invoicing, then the status is updated to deleted. The internal status is updated to deleted after it is pushed to federal G-Invoicing successfully.

After the EZ invoice is accepted or rejected, the requesting agency must run the *Intragovernmental 7600EZ Invoice Interface Program* to push the completed EZ transaction to federal G-Invoicing.

Creating Acceptance or Rejection of EZ Invoice in Federal G-Invoicing (Pull)

When the Requesting Agency Order Creation/Approval option in the G-Invoicing Options page is set to G-Invoicing

If agencies use federal G-Invoicing to accept or reject an EZ invoice, then the requesting agency must pull the EZ acceptance or rejection. The following processing takes place after pulling:

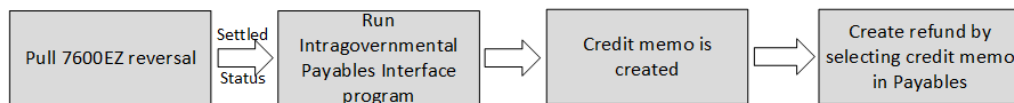
- **Acceptance:**
 - The EZ Accept appears with an informational status in Oracle CLM or Purchasing. There is no accounting for such transactions.
- **Rejection:**
 - If a rejected invoice exists in Oracle CLM or Purchasing with the pending settlement status, then the status is updated to settled and it is interfaced with payables to initiate a refund process.
 - If a EZ reject exists in Oracle CLM or Purchasing with an informational status but it is deleted in federal G-Invoicing, then the status is updated to deleted after it is pulled again.

Reverse an EZ Invoice

A reverse transaction can be initiated only by the servicing agency. If a reverse transaction is created for an EZ invoice, after the requesting agency pulls the reversed transaction from federal G-Invoicing, the system inserts records in the performance history and staging tables. If a reverse record already exists in Oracle CLM or Purchasing with the pending status and the record being pulled is already settled in federal G-Invoicing, then the status is updated to settled. If the parent EZ invoice transaction exists in the completed status, then the reverse transaction status for the EZ reverse is also updated to complete, and it is ready to be interfaced with payables for refund processing.

When the reversed transaction is pulled by the requesting agency, the record is interfaced with Payables to create a credit memo for a refund processing.

Processing an EZ Invoice in Reversed Status



The requesting agency must run the *Intragovernmental Performance Integration to Payables* concurrent program to pull the reversal. After the program completes successfully, then a credit memo is created in Oracle Payables. For reverse transactions being interfaced to payables, the supplier details and charge account information are inherited from the parent invoice.

Accounting Transactions During EZ Invoice Processing

The following table illustrates transactions created in Oracle payables based on the G-Invoicing and EZ invoice status when the EZ invoice transactions are pulled into Oracle

EBS and the Intragovernmental Performance Integration to Payables concurrent program is run.

Accounting Transaction Created for EZ Invoice Processing

EZ Invoice Transaction	G-Invoicing Status	Oracle EBS Status	Transaction in Oracle Payables
EZ Invoice	Settled	Completed	AP Invoice
EZ Reject	Settled	Completed	AP Credit Memo
EZ Accept	Informational (>30days)	Completed	No Accounting Impact
EZ Reject	Informational (>30days)	Completed	No Accounting Impact
EZ Reject	Settled (<30 days)	Completed	AP Credit Memo

Using G-Invoicing: Servicing Agency

This chapter provides procedures for using the Oracle E-Business Suite G-Invoicing as a seller (servicing agency).

This chapter covers the following topics:

- Running Interface Programs
- Submitting Performance for Multiple Orders
- Generating 7600B Reporting
- Managing and Maintaining GT&Cs and Orders
- Using Agreements and Agreement Additional Attributes
- Creating or Associating Projects and Updating Performance Obligations
- Seller-Facilitated Orders Created in Oracle Projects
- Seller-Facilitated Orders Maintained in Federal G-Invoicing
- Servicing Agency Support for Buyer-Initiated Orders
- Closing IGT Orders
- G-Invoicing Order Approval – Funds Check and Allocation
- APIs and Client Extensions for G-Invoicing
- Using Additional Attributes (User Defined Attributes) Pages
- Using Performance in G-Invoicing
- Using Deferred Performance
- Using Delivery Performance
- Using Advance Performance
- Using Refund Pay Group
- Intragovernmental Payment and Collection (IPAC) Settlement
- Viewing Receipts

- Refund Performance and Order Modification
- Organization Group Model
- In-Flight Orders
- 7600 Easy (EZ) Invoice
- Working Capital Fund

Running Interface Programs

Loading Projects Command Center Data

Before using G-Invoicing with EBS, retrieve and load the Projects G-Invoicing Enterprise Command Center (ECC) data.

1. From the **Home** page, select the *Projects Super User* responsibility.
2. Select **Requests** and then **Schedule**.
The **Schedule Request: Define** page appears.
3. Query the concurrent program *Projects G-Invoicing ECC Data Load*.
4. Click the **Parameters** tab.
5. Enter a value in the **System Name** field.
6. From the **Load Type** list, select either **Full Load** or **Incremental Load**.
 - Use a full load to load all existing data into Oracle Projects Enterprise Command Center.
 - Use an incremental load to load only data that has been modified since the previous run. Schedule incremental loads to run as often as required to keep your data current.
7. Enter a value in the **Language** code field.
8. Select a value for the **Log Level** you want the program to report.
9. Select the SQL Trace On parameter to true or false.
10. Click the **Schedule Options** tab to enter scheduling details such as recurrence and intervals.
11. Click **Continue**.

The **Schedule Request: Review** page appears.

12. Review the parameters you have entered. To change a parameter value, click **Back**. Correct the value and click **Continue** again.
13. Click **Submit** to run the concurrent program.

Importing General Terms and Conditions Data from the G-Invoicing Application

To keep the GT&C data on the **G-Invoicing** dashboard current, schedule the *Intragovernmental Agreements (GT&C) Interface* concurrent program to run periodically.

To run the concurrent program, perform the following steps:

1. From the **Home** page, select the *Projects Super User* responsibility.
2. Select **Requests** and then **Schedule**.
The **Schedule Request: Define** page appears.
3. Query the concurrent program *Intragovernmental Agreements (GT&C) Interface Program*.
4. Click the **Parameters** tab.
5. From the **Agency Type** list, select **Servicing Agency**.
6. For the **Request Mode** select **Pull**.
7. In the **Request Type** field, select **Get GTC List**.
8. Select your operating unit.
9. Select an agency location code.
10. [Optional] Enter a document number and a document status.
11. [Optional] Indicate whether to process documents with errors.
12. Click the **Schedule Options** tab to enter the concurrent program scheduling details such as recurrence and intervals.
13. Click **Continue**.
The **Schedule Request: Review** page appears.
14. Review the parameters you have entered. To change a parameter value, click **Back**. Correct the value and click **Continue** again.
15. Click **Submit**.

This program pulls the GT&C list and extracts the GT&Cs based on the date and agency

location code. Oracle Projects submits the concurrent request for each GT&C. After a response is received from the federal G-Invoicing application for all the GT&Cs, a business event is invoked with the parent request ID. Subscription to this business event can create GT&C documents in the system.

Interfacing Orders to and from the G-Invoicing Application

Once an order is created and approved, you can pull it into the G-Invoicing dashboard in the Projects Enterprise Command Center. You must run the load program, *Projects G-Invoicing ECC Data Load*, to display the order data in the dashboard. You can schedule this load program to run periodically.

To pull eligible orders into the G-Invoicing dashboard or to push approved orders back to the federal G-Invoicing application, perform the following steps:

1. From the **Home** page, select the *Projects Super User* responsibility.

2. Click **Requests** and then **Schedule**.

The **Schedule Request: Define** page appears.

3. Query the concurrent program *Intragovernmental Orders Interface Program*.

4. Click the **Parameters** tab.

5. From the **Agency Type** list, select **Servicing Agency**.

6. Set the request mode.

- Use Pull mode to retrieve a list of eligible orders.

For each eligible order, the program extracts the order from the federal G-Invoicing application. The program synchronizes order data into the G-Invoicing dashboard and automatically creates an agreement.

- Use Push mode when your agency has approved an agreement and the order status is Pending.

7. Select the request type. If you set the request mode to Pull, then set the request type to **Get Order List**.

The following options are supported:

- Get Order Attachment
- Get Order List
- Get Order by ID
- Post Attachments

- Post Orders
8. Select an operating unit.
 9. Select an agency location code.
 10. Optionally, enter a document number, document status, or attachment number.
 11. Indicate whether to process documents with errors.
 12. Click the **Schedule Options** tab to enter the concurrent program scheduling details such as recurrence and intervals.
 13. Click **Continue**.
The **Schedule Request: Review** page appears.
 14. Review the parameters you have entered. To change any parameter's value, click **Back**. Correct the value and click **Continue** again.
 15. Click **Submit**.

Interfacing Performances to and from the G-Invoicing Application

To push performances to or pull performances from the federal G-Invoicing application, perform the following steps:

1. Select the *Projects Super User* responsibility.
2. Select **Requests** and then **Schedule**.
The **Schedule Request: Define** page appears.
3. Query the concurrent program *Intragovernmental Performance Interface Program*.
4. Click the **Parameters** tab.
5. From the **Agency Type** list, select **Servicing Agency**.
6. Set the request mode.
 - Use **Pull** to retrieve a list of approved performances.
 - Use **Push** to post performances.
7. Set the request type.
 - To retrieve performance data from the federal G-Invoicing application, use **Get**

Performance List.

- To submit performance, use **Post Performances**.
8. Select an operating unit.
 9. Select an agency location code.
 10. (Optional) Enter an order number to pull performances only for that order. Leave the field empty if you want to pull performances across all orders.
 11. (Optional) Enter a performance number. Leave the field empty if you want to pull all performances that meet the other criteria you've entered.
 12. Select a performance status: **Informational**, **Pending** or **Settled**.
 13. Click the **Schedule Options** tab to enter the concurrent program scheduling details such as recurrence and intervals.
 14. Click **Continue**.
The **Schedule Request: Review** page appears.
 15. Review the parameters you have entered. To change a parameter value, click **Back**. Correct the value and click **Continue** again.
 16. Click **Submit**.

Submitting Performance for Multiple Orders

To submit multiple performances at once for advance and non-advance orders, use the *PRC: Process Mass Submission Performances for G-Invoicing* concurrent program.

If orders are advance-enabled, then the concurrent program submits the advance performance and then the delivery performance. If orders are not advance-enabled, then the concurrent program submits the deferred performance and then the delivery performance.

When the performance lines result in failure, the concurrent program resubmits these lines the next time it runs.

To submit performance for a range of orders, perform the following steps:

1. From the **Home** page select the *Projects Super User* responsibility.
2. Click **Requests** and then **Schedule**.

The **Submit Request** window appears.

3. Query the *PRC: Process Mass Submission Performances for G-Invoicing* concurrent program.
4. Click the **Parameters** tab.
5. Select an operating unit.
6. Select an agency location code. This is a mandatory field.
7. Enter a value in the **From Order** field.
8. Enter a value in the **To Order** field.
9. Select the performance type: Advance, Deferred, or Delivery.
If you leave the field empty, then the concurrent program submits all the performances in an appropriate order.
10. Enter the preparer name. The name must be at least 7 characters long. If you have set up the preparer details in the **G-Invoicing Setup** page, then the system uses those values.
11. Enter a valid email address for the preparer. If you have set up the preparer details in the **G-Invoicing Setup** page, then the application uses that value.
12. Enter the preparer's contact number. This must be a valid number. If you have set up the preparer details in the **G-Invoicing Setup** page, then the application uses that value.
13. Enter a performance date. The performance date must be in the current open accounting period.
14. Enter a comment.
15. Select a performance indicator: **Final** or **Partial**.
16. Select a value in the **Exclude Advance Performance Refunds** option to exclude the last refund against an advance. The valid values are Yes or No.
If you select Yes, then the concurrent program excludes the recent refund from the last approval of the agreement. For example, an agreement has two refund transactions; version 1 is the first refund and the version 2 is the second refund. When you run the mass performance interface program with the Exclude Advance Performance Refunds option value set to yes, then the system excludes the second refund and will consider only the first one.
If you sets the value to No, then the concurrent program includes all refunds. If you do not select any value for this option, then the system takes No as the default value and there are no validations performed.

17. Enter either Yes or No in the **Process Error Documents** field. Set the value to Yes to process all documents that had errors in the previous pull. You can then correct and reprocess these orders.
18. Click **Continue**.
The **Schedule Request: Review** page appears.
19. Review the parameters you have entered. To change any parameter's value, click **Back**. Correct the value and click **Continue** again.
20. Click **Submit**.

Generating 7600B Reporting

To generate and print a 7600B report, run the *MGT:Generate 7600B Federal Report* concurrent program.

1. On the **Home** page, select the *Projects Super User, US Federal* responsibility.
2. Click **Requests**, and then **Schedule**.
3. Query the concurrent program *MGT:Generate 7600B Federal Report*.
4. Select the concurrent program and click **Select**.
5. Click the **Parameters** tab.
6. Enter or select an operating unit.
7. Enter or select an order number.
8. Enter or select **Yes** or **No** to attach the report to an agreement.
9. Click **Continue**.
The **Schedule Request: Review** page appears.
10. Review the parameters you have entered. To change any parameter's value, click **Back**. Correct the value and click **Continue** again.
11. Click **Submit**.

Managing and Maintaining GT&Cs and Orders

Manage and Maintain General Terms and Conditions

GT&Cs are the terms and conditions of a transaction, agreed upon between the seller and the buyer. The *Intragovernmental Agreements (GT&C) Interface* concurrent program pulls GT&Cs with approved and closed statuses, and their corresponding projects and details, from the federal G-Invoicing application. The details can then be displayed on the G-Invoicing dashboard in the Projects Command Center.

To view requesting agency location code, servicing agency location code, requesting group name and servicing group name, select **Agency Information** from the **GT&C** tab or **Partner Information** from the **Orders** tab.

Manage and Maintain Orders

An order is an agreement between trading parties to deliver goods and services within a certain time frame and according to certain specifications. Either agency can create an order. When the order is approved internally by the requesting agency, that agency shares it with the servicing agency. The partner agency can then update order details and accept or reject the order.

Order Mapping to Project Entities

Orders are mapped to different entities in Oracle Projects. The order header is mapped to an agreement, order lines are mapped to performance obligations, and order line schedules are mapped to performance obligation lines. You can view these details on the **G-Invoicing** dashboard in the Projects Command Center.

Refer to Mapping of G-Invoicing Business Objects in Oracle E-Business Suite, page 1-7 for more details.

Generating Draft Agreement and Initiate Workflow

The servicing agency updates an agreement and submits it for the requesting agency's approval. Orders with the Shared with Servicing Agency (SSA) status are pulled into the **G-Invoicing** dashboard. Agreements are automatically created in the Work In Progress status.

Agreements inherit the agreement type from the implementation options. The operating unit on an agreement is the seller's agency location code (ALC) based on the ALC mapping on the **Bank Accounts** page of the Oracle Federal Administration module. Each ALC is mapped to one operating unit. The pull program defaults the agreement type and operating unit on the draft agreement. You can change the operating unit on an agreement until it is approved.

If the automatic agreement creation fails, an error displays in the G-Invoicing dashboard. Agreement creation can fail for several reasons:

- The specified customer is inactive.
- The agreement type was not set up during implementation.
- The agreement type is not enabled for the workflow.

After resolving the errors, run the *Intragovernmental Order Interface Pull Program* again to create the agreements.

Order Approval Flow

When an IGT order is pulled by a servicing agency, the system creates an agreement with the Work In Progress (WIP) status in Oracle Projects.

You can associate a project with an order at any time, and one WIP agreement exists for that project in both the order creation processing and the update flow.

Order approval happens at the agreement level. When the order is submitted for approval, all order lines and order line schedules are associated with a project. You must enter all the mandatory servicing agency attributes.

Upon Approval

When an agreement is approved, performance obligations (POBGs) are published with funding, revenue budgets are created and baselined, and accounting entries are created in Oracle General Ledger (GL). This is performed for both first and incremental approvals.

Upon Rejection

When an agreement is rejected and the order has been associated with a project but has not been updated or incremented, the order is disassociated from the project. For an incremental order or an order with updates, the change is rolled back and the previous status is restored.

Pulling General Terms and Conditions Attachments into EBS

The G-Invoicing dashboard displays attachments in the **GT&C** header region.

To pull the attachments, perform the following steps:

1. From the **Home** page, select the *Projects Super User* responsibility.
2. Click **Enterprise Command Center** and then **Projects Command Center**.
3. Click the **G-Invoicing** dashboard tab.
4. From the **GT&C Header** region, click the **Attachments** icon.

The **General Terms and Conditions Attachments** page opens.

5. Click the **Pull Attachments** option.

The system pulls all attachments from the federal G-Invoicing application and displays them in the **Attachment** region.

General Terms and Conditions Attachments

The **General Terms and Conditions Attachments** page shows the following attachment details.

- The general terms and conditions header region shows the GT&C number, agreement type, GT&C start and end dates, advance payment indicator, total estimated amount, and remaining amount.
- The **General Terms and Conditions Attachment** region in the header shows the details of an attachment, such as whether the attachment is from the servicing or requesting agency, the name and date of the attachment, the attachment URL, and the download status.
- The **Attachment** region shows more details of the attachment displayed above.

Order Attachments

Attachments are used to reinforce contractual requirements. Both buyers and sellers provide attachments. You can download and view the attachments from the **Agreements** page.

You can manually pull pending attachments using the **Pull Attachments** option in the **Action** list on the **Update Agreement** page. Until this is done, attachments show as Download Pending with a URL in the attachment table.

To download (pull) pending attachments for an order into the G-Invoicing dashboard:

1. Navigate to the **Projects Command Center**.
2. Click the **G-Invoicing** dashboard.
3. On the **G-Invoicing** dashboard, search by **Order Number**.
4. Scroll to the **Order Result Set**.
5. Click the **Update Agreement** link.
6. Click **Actions** and then **Pull Attachment**.

To download pending attachments from Oracle Project Billing:

1. From the *Projects Super User* responsibility, click **Billing**.
2. Query an agreement.
3. Click **Update Agreement**, and then click **Pull Attachment**.

Order Modification and Uptake

Modifications are tracked against orders, order lines, and order line schedules.

When a modified order is pulled into Oracle Projects, the agreement status changes to Work in Progress.

To access the changes you must uptake the modification. Select **Order Modification Uptake** from the **Action** list on the G-Invoicing dashboard. You can uptake only one modified order at a time. Because performance obligations and performance obligation lines are mapped to order line and order line schedules, the addition or deletion of rows is performed during order modification. Therefore, you cannot add or delete performance obligations or performance obligation lines.

When an order line schedule is deleted, the quantity becomes zero and a negative funding line is generated to negate the corresponding value.

Note: You can only update an order that has associated GT&Cs in an approved status.

Resynchronizing Orders

If an order does not meet the requirements for creating an agreement that is pulled and stored in the shared structures, the order fails agreement creation. Orders that fail are displayed on the G-Invoicing dashboard with the option to create agreements manually after resolving errors.

Similarly, when an order approved by the servicing agency is pushed to the G-Invoicing application, the push may fail with errors. If that happens, correct the errors and then select **Resync Order** from the **Action** list to push the corrected orders back to the G-Invoicing application.

Using Agreements and Agreement Additional Attributes

Updating Agreements

To update agreements, perform the following steps:

1. From the **Home** page, Select the *Projects Super User* responsibility.

2. Click **Enterprise Command Center**, and then click **Projects Command Center**.
3. Click the **G-Invoicing** dashboard tab.
4. Scroll down to the **Headers** region and click the **Orders** tab.
5. Click the **Update Agreement** (link) icon.
The **Update Agreement** page appears.
6. The **Actions** menu on the **Update Agreement** page includes the following options for G-Invoicing:
 - Additional Agreement Attributes
 - Pull Attachments
 - View Agreement Versions
 - View Funding
7. The following changes have been made to the **Update Agreement** header region:
 - You can change the operating unit.
 - The **Acceptance Point** field displays the acceptance point value.
 - The **Servicing Organization Group** and **Requesting Organization Group** fields capture this information.
The lists of values are based on the servicing agency ALC. The **Requesting Organization Group** field is read-only.
 - The **Order Originating Partner Indicator** displays if the order is originating from the servicing or the requesting agency.
 - The **Intragovernmental Order** check box is selected if the order is intragovernmental.
 - When the **Confirm Funds Availability** option is selected, the system verifies that enough funds are available for settlement. Only if the funds are available can the agreement be submitted for approval.
 - The **G-Invoicing Maintained Order** if the order is initiated and maintained in the federal G-Invoicing application.
 - The **In-Flight Order Indicator** indicates if the order is an in-flight order or not.
8. The following new fields have been added to the **Update Agreement** page:

- **Agreement Number:** Indicates the agreement number assigned.
- **Customer Order Number:** Indicates the customer order number.
- **Currency:** Indicates the currency for the order.
- **Order Creation Date:** Displays the date the order was created.
- **Order Status:** Displays the current status of the order.

Note: Oracle Projects pulls closed orders from the G-Invoicing application. On the update agreement page, the order status includes Closed.

- **Billing Frequency:** Valid values are Monthly, Other, Quarterly, and Weekly. If you select Other, then the **Billing Frequency Other** field is enabled and is mandatory.
- **Billing Frequency Other:** Enter the frequency of billing.
- **Order Acceptance Date:** Displays the acceptance date of the order.
- **Total Net Order Amount:** Displays the sum of the ordered amount.
- **Servicing Agency ALC:** Displays the servicing agency's ALC contained in the GT&C.
- **Approval Required:** Indicates if the order needs approval.
- **Revenue Hard Limit:** Indicates the revenue hard limit. This field is read only. Refer to "**Flexible Revenue Hard Limit**" for details on enabling the revenue hard limit edit.
- **Product Source:** Indicates if the order is intragovernmental.
- **Per Invoice Limit:** Indicates the value of per invoice. This field is used for EZ Invoicing that comes from the GT&C. This field is read only.
- Click **Additional Agreement Attributes** in the **Actions** menu and click **Go**.
- **Approval Status** Displays the status of the order approval, such as Work in Progress or Approved.
- **Internal Status** Displays the status of the order tracked internally at various stages of the order approval.

- In the Order Attachments region, the order attachment documents are displayed that are pulled into Oracle Projects. You can detach the attached documents.

The fields in this region are as follows:

- **Buy/Sell Indicator:** Indicates if the attachment has been included by either the servicing or the requesting agency.
 - **Name:** Indicates the name of the file.
 - **Alias:** Indicates the alternative name.
 - **Updated By:** Indicates the person who updated the attachment.
 - **Date/Time:** Indicates the date and time the attachment was added or updated.
 - **Request ID:** Indicates the concurrent request ID.
 - **Attachment URL:** Indicates the attachment file URL uploaded from.
 - **Attachment ID:** Indicates the ID assigned to the attachment.
 - **Status:** Indicates the status of the attachment.
- In the **Attachments** region, you can view and add attachments. You can add attachments and also detach them.

Flexible Revenue Hard Limit

If an agreement is in the work-in-progress status and a project has been associated with the agreement, then the system enables or disables the Revenue Hard Limit option on the Update Agreement page based on a setup. The revenue hard limit is activated based on the value setup for the manage deferred performance option in the G-Invoicing Setup page.

Prerequisites

The following conditions must be fulfilled for the revenue hard limit to be enabled on the Update Agreement page:

- In the G-Invoicing Setup page, the Manage Deferred Performance option must be set to No.
- The project must be associated with the order.
- For the order modification, there must not be any performances against the order.

The Revenue Hard limit option is available only from the update agreement page and Public APIs. This option is available only for new orders that are in a work in progress status. If you set the Manage Deferred Performance value to No, then the revenue hard limit is enabled for edits. If the Manage Deferred Performance option value is set to Yes, then the revenue hard limit option is disabled from edits.

Entering Additional Agreement Attributes

In the **Update Agreement** page, select the **Additional Agreement Attributes** option from the **Actions** list.

Enter the following details for the servicing agencies:

1. Navigate to the **Agreement Additional Attribute** page.
2. In the **Partner Information** region, select or enter the following servicing agency information.
 - **Servicing Business Unit:** Enter the business value from the GT&Cs.
 - **Servicing Cost Center:** Enter the cost center from the GT&Cs.
 - **Servicing Department ID:** Enter the department ID from the GT&Cs.
 - **Servicing Unique Entity Identifier:** Enter the unique ID for the servicing entity.
 - **Servicing Comment**
 - **Requesting Funding Office Code**
 - **Business Transaction Identifier**
3. In the **Authority** region, select or enter values for the following fields for a servicing agency:
 - **Servicing Program Authority Citation:** Select or enter the servicing program authority citation.
 - **Servicing Program Authority Title:** Enter the title of the authority for the servicing agency.
4. In the **Delivery** region, select or enter values for the following fields for a servicing agency:
 - **FOB Point:** Enter a value for the Freight on Board (FOB) point. Valid values are Source or Destination.

- **Point of Acceptance:** Select or enter the freight acceptance point.
 - **Inspection Point:** Enter details of the inspection.
 - **Place of Inspection:** Enter the inspection location.
5. Conditionally, in the **Advance and Billing** region, select or enter values for the following fields for a servicing agency:
- Note:** Only enter values in the following fields if Advance is enabled in the Performance Obligation (POBG) lines. Leave the fields blank if Advance is not enabled.
- **Advance Revenue Recognition Methodology:** Select or enter the advance revenue recognition methodology to use.
 - **Servicing Agency's Advance Payment Authority Citation:** Enter the details of the advance payment authority for the servicing agency.
 - **Servicing Agency's Advance Payment Authority Title:** Enter the title of the advance payment authority.
6. In the **Point of Contact** region, select or enter values for the following fields for a servicing agency:
- **Servicing Agency POC Email:** Enter the Email ID of the point-of-contact for the servicing agency. The value must contain a minimum of 7 characters.
 - **Servicing Agency POC Fax:** Enter the fax number for the point-of-contact person. The value must contain a minimum of 1 character.
 - **Servicing Agency POC Name:** Enter the name of the point-of-contact person. The value must contain a minimum of 1 character.
 - **Servicing Agency POC Phone:** Enter the phone number of the point-of-contact person. The value must contain a minimum of 1 character.
7. Optionally, in the **Approval** region, select or enter values for the following fields for a servicing agency:
- **Rejection Reason:** Enter the reason for rejecting the agreement.
 - **Void or Close Comments:** Add void or closing comments.
8. In the **Funding Approval** region, select or enter values for the following fields for a servicing agency:

- **Servicing Agency Funding Official Email** Enter the Email ID of the Funding official. The value must contain a minimum of 7 characters.
 - **Servicing Agency Funding Official Fax:** Enter the fax number of the funding official. The value must contain a minimum of 1 character.
 - **Servicing Agency Funding Official Name:** Enter the name of the funding official. The value must contain a minimum of 1 character.
 - **Servicing Agency Funding Official Phone:** Enter the phone number of the funding official. The value must contain a minimum of 1 character.
 - **Servicing Agency Funding Official Date Signed:** Enter the date when the funding official approved the agreement.
 - **Servicing Agency Funding Official Title:** Enter the title of the funding official for the servicing agency. The value must contain a minimum of 1 character.
9. In the **Program Approval** region, select or enter values for the following fields for a servicing agency:
- **Servicing Agency Program Official Email:** Enter the Email ID of the program approver. The value must contain a minimum of 7 characters.
 - **Servicing Agency Program Official Fax:** Enter the fax number of the program approver. The value must contain a minimum of 1 character.
 - **Servicing Agency Program Official Name:** Enter the name of the program approver. The value must contain a minimum of 1 character.
 - **Servicing Agency Program Official Phone:** Enter the phone number of the program approver. The value must contain a minimum of 1 character.
 - **Servicing Agency Program Official Title:** Enter the title of the program approver. The value must contain a minimum of 1 character.
 - **Servicing Agency Program Official Date Signed:** Enter the date when the Program official approved the agreement.
10. In the **Preparer** region, select or enter values for the following fields for a servicing agency:
- **Servicing Agency Prepared Email:** Enter the Email of the person who prepared the order. The value must contain a minimum of 7 characters.
 - **Servicing Agency Prepared Name:** Enter the name of the person who prepared the order. The value must contain a minimum of 1 character.

- **Servicing Agency Prepared Phone:** Enter the phone number of the person who prepared the order. The value must contain a minimum of 1 character.

Creating or Associating Projects and Updating Performance Obligations

Create or Associate a Project with an Order

After you pull orders into the Projects G-Invoicing dashboard, you can perform the following tasks:

- Create a new project to associate with an order.
- Associate an existing project with an order.
- Update performance obligations.

When orders are imported into EBS, Oracle Projects maps the order details to new entities in the project. The performance obligation and corresponding order line schedules are mapped to the performance obligation lines. After you create a new project, the **Performance Obligations (Update)** window appears. The performance obligation is published when the agreement is approved.

Requirements for Associating a Project with an Order

You can only associate one order to one project and the order cannot have a status of Closed.

- The associated project must have:
 - A source project or template that is a contract.
 - A project type of Contract.
 - The performance obligation and IGT boxes checked.
 - A source project with one or more performance obligation lines and the IGT box checked.
 - No performance obligation Lines (it must be a regular agreement project that has not been upgraded).
 - Is not a Grants project
 - Does not have a non-IGT agreement
 - Does not have Cost Breakdown Structure (CBS) enabled

- Is not RMCS-enabled
 - Is not closed, partially closed, purged, or pending purge
 - Does not have a Work-in-Progress agreement
 - The project start date is before the order date and the project end date is before the order effective date.
- Use a project template without an associated agreement template as a source for a new project.
 - Copying the details of an approved revenue budget that is part of a source project or template is restricted because the revenue budget is generated when performance obligations are published.
 - All performance obligation validations for the project are enabled.

Select a Project to Associate

Create a project against an order or associate an existing project to the order.

1. From the **Home** page, select the *Projects Super User* responsibility.
2. Click **Enterprise Command Center** and then **Projects Command Center**.
3. Click the **G-Invoicing** dashboard tab.
4. In the **Orders** tab, select **Order Details** from the list.
5. Locate an order to edit.

The presence of a link icon in either the **Create Project** or the **Associate Project** column in the same row indicates that the order is available for the named activity.

To associate an existing project with the order, see Associate a Project, page 6-20.

To create a new project associated with the order, see Create a Project, page 6-21.

Associate a Project

To associate an existing project with an order, perform the following steps:

1. From the **Home** page, select the *Projects Super User* responsibility.
2. Click **Enterprise Command Center** and then **Projects Command Center**.
3. Click the **G-Invoicing** dashboard tab.

4. In the **Headers** region, click the **Orders** tab.
5. Click **Associate Project**.
The **Associate Project** window appears.
6. Either enter information in the **Project** field and then click **Go**, or click **Advanced Search** to search by **Project Name** or **Number**.
7. In the results table, select a project to associate.
8. Click **Associate**.
The Associate Flow runs and the **Performance Obligation** page appears.

Disassociate a Project

If an order has been associated with a project but not submitted for approval, then you can disassociate it. Once the order is submitted for approval, the disassociate option is disabled.

To disassociate an order from a project, perform the following steps:

1. From the **Home** page, select the *Projects Super User* responsibility.
2. Select **Enterprise Command Center** and then **Projects Command Center**.
3. Click the **G-Invoicing** dashboard tab.
4. In the **Headers** region, click the **Orders** tab.
5. Select an order with an associated project.
6. Click the **Update Agreement** icon.
The **Update Agreement** page appears.
7. Click **Disassociate**.
8. Click **Yes**.

The project is unlinked, the performance obligation lines are deleted, and the intragovernmental order option is deselected.

Create a Project

To create a project to associate with an order, perform the following steps:

1. From the **Home** page, select the *Projects Super User, US Federal* responsibility.
2. Click **Enterprise Command Center** and then **Projects Command Center**.

3. Click the **G-Invoicing** dashboard tab.
4. In the **Headers** region, select the **Orders** tab.
5. Click **Create Project** for an order.
The **Select Source** page appears.
6. In the **Copy From** list, select either **Template** or **Project**.
7. Click **Advanced Search**.
8. Search for a project or template by operating unit, name or number.
9. Select a project or template to copy and use for your new project.
10. Click **Continue**.
The **Create Project: Details** page appears.
11. Enter the project number.
12. Enter the project name.
13. Enter or select the project start and end dates.
14. Click **Finish**.
The **Processing: Creating Project** message may appear. After the project has been created, the **Performance Obligations** page appears.

Reject an Order without Associating it to a Project

Once a project is associated with an order, you cannot reject that order. However, you can reject an order pulled from the federal G-Invoicing application before associating it with a project.

To reject an order, perform the following steps:

1. From the **Home** page, select the *Projects Super User* responsibility.
2. Click **Enterprise Command Center** and then **Projects Command Center**.
3. Click the **G-Invoicing** dashboard tab.
4. In the **Headers** region, click the **Orders** tab.
5. Click **Update Agreement** for a particular order.
6. From the **Actions** menu, click **Reject**.

The rejected order is pushed back to the federal G-Invoicing application.

Updating Performance Obligations

When you click **Update**, the **Performance Obligation** region displays performance obligations with order line attributes. Oracle Projects displays performance obligations with agreement lines and performance obligation order lines.

Agreement Lines

- Number represents the order line number.
- Agreement Number indicates the assigned agreement number.
- The customer associated with the agreement is the requesting agency.
- Item Code displays the code associated with the item.
- Item Description displays the description of the selected item.
- Quantity displays the number of quantity.
- Unit of Measure displays the UOM of the Servicing Agency.
- Currency indicates the currency used by the agency.
- The transaction amount is the line level amount - the sum of all transaction amount of order line schedules on the performance obligation level.
- Net Due Amount appears.
- Status displays the status of the agreement.
- Capitalized Asset Indicator displays the asset indicator value, True or False. A value must be chosen.

Performance Obligation Order Line Schedules

Treasury Account Symbol (TAS) and Business Event Type Code (BETC) attributes are available at the performance obligation line level; these values are sourced from the US Federal Administration module. The requesting agency's TAS, BETC, and additional information attributes are sent along with invoice details to Oracle Receivables.

To update a performance obligation order line, perform the following steps:

1. Select or enter the **Top Task Number** for each performance obligation order line schedule.
2. Select or enter TAS for Servicing Agency for each order line. This value transfers to

AR for further processing.

3. BETC (Servicing Agency) is automatically selected once you select the TAS for Servicing Agency value. This value transfers to AR for further processing.

TAS and BETC values are populated based on the Servicing Agency's Agency Location Code (ALC). With the Organization Group Hierarchy, the associated group with orders drive TAS and BETC values available for selection. You can modify the group for the agreement until the performance obligation is published.

4. Click **Additional Attributes**.
5. Click **Receipts** to view receipt details.
6. Click **Save**.

Oracle Projects publishes performance obligations and the system generates funding.

Defining Performance Obligation Additional Attributes

The system defaults and displays values specified for requesting agency. You cannot modify them.

To define performance obligation additional attributes, perform the following steps:

1. In the **Schedule Funding** region, select or enter the following information:
 - Servicing Agency Object Class Code
 - Servicing Agency Additional Accounting Classification
 - Description of products Including BonaFide Need for this Order
2. In the **SLOA** region, select or enter values in the following fields for a servicing agency:
 1. **Servicing Agency Federal Award Identification Number (FAIN)**
 2. **Servicing Agency Unique Record Identifier (URI)**
 3. **Servicing Agency Activity Address Code** - (Optional) If you specify a value, then it must be a minimum of 6 characters.
 4. **Servicing Agency Budget Line Item**
 5. **Servicing Agency Budget Fiscal Year**
 6. **Servicing Agency Security Cooperation**
 7. **Servicing Agency Budget Fiscal Year**

8. **Servicing Agency Sub-Allocation**
 9. **Servicing Agency Accounting Identifier**
 10. **Servicing Agency Funding Center Identifier**
 11. **Servicing Agency Cost Center Identifier** - (Optional) If you enter a value, the value must match the Cost Center value provided in the parent GT&C.
 12. **Servicing Agency Cost Element Code**
 13. **Servicing Agency Work Order Number**
 14. **Servicing Agency Functional Area**
 15. **Servicing Agency Cooperation Case Designator**
 16. **Servicing Parent Award Identifier (PAID)**
 17. **Servicing Procurement Instrument Identifier (PIID)**
 18. **Servicing Security Cooperation Case Line Item Identifier**
 19. **Servicing Agency Disbursing Identifier Code**
 20. **Servicing Agency Accounting Classification Reference Identifier** - (Optional)
If you specify a value, then it must be a minimum of 2 characters.
 21. **Servicing Agency Project identifier**
 22. **Servicing Agency Reimbursable Flag**
3. In the **Schedule Shipping Information** region, select or enter values in the following Servicing Agency Additional Information fields:
1. **Ship to Address Identifier**
 2. **Ship to Address 1**
 3. **Ship to Address 3**
 4. **Ship to Postal Code**
 5. **Ship to Country Code**
 6. **Special Shipping Information for Product**
 7. **Shipping Information for Product POC Title**

8. Shipping Information for Product POC Phone

In the **Schedule Shipping Information** region, select or enter the following fields for the Requesting Agency Additional Information:

1. **Ship to Agency Title**
2. **Ship to Address 2**
3. **Ship to City**
4. **Ship to State**
5. **Ship to Location Description**
6. **Shipping Info for Product POC Name**
7. **Shipping Information for Product POC Email**

Retaining a Project Association on a Rejected Order

You can choose to retain a project association for a rejected order.. When an agreement is submitted for approval, the approver can reject the order. When the approver rejects an agreement, the agreement status shows rejected but the project association is retained for the rejected order as shown in the **Update Agreement** page. The rejected order status is pushed to the federal G-Invoicing application. The requesting agency can modify the draft and approve the agreement. Similarly, you can also perform the reject order for order modifications by retaining the project association.

Prerequisite: Submit the agreement for approval.

To reject an order, perform the following steps:

1. Log in as the workflow approver or click the link in your email notification to log in.
2. Open the agreement approval notification.
3. Click **Reject** to reject the agreement.
4. In federal G-Invoicing, the requesting agency can select **Return to Draft** and modify the order.

In this scenario, the version number for the order does not change.

5. After modifying the order, the requesting agency submits the order for requesting agency approval.
6. The requesting agency approves the order and shares it with the servicing agency.

7. From the *Projects Super User* responsibility, select Requests and then Schedule to run the *Intragovernmental Order Interface Program* to pull the modified orders into EBS.

The order is pulled into EBS as an updated order and retains the original project association.

Seller-Facilitated Orders Created in Oracle Projects

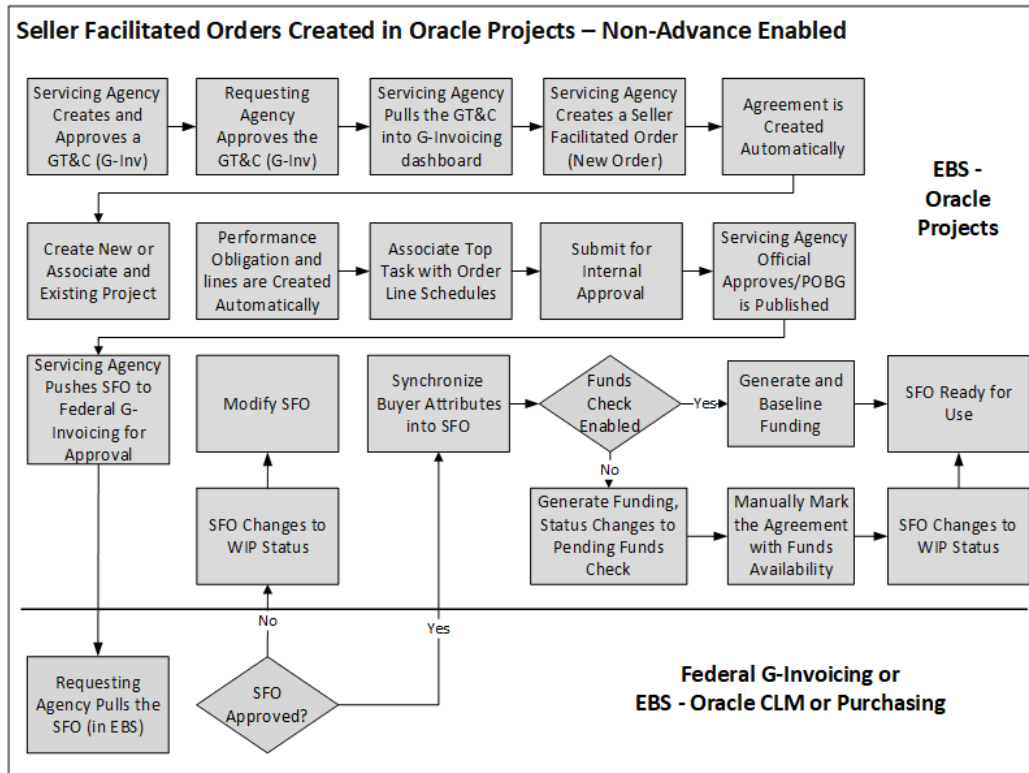
Use Oracle Projects to create intragovernmental orders in EBS. These are known as seller-facilitated orders, or SFOs. After an SFO is approved internally, it is then pushed to the federal G-Invoicing application for the requesting agency's approval. Once the requesting agency approves the order, the servicing agency pulls the open order into the G-Invoicing dashboard, which:

- Automatically creates an agreement (if automatic agreement creation is enabled).
- Baselines the budget.
- Allocates funding.

You can now submit performances against the order.

Seller-Facilitated Orders That Are Not Advance Enabled

The following diagram describes the flow of a seller-facilitated order (SFO) that is not advance enabled.



The following steps describe the flow of a seller-facilitated order (SFO) that is not advance enabled:

1. The servicing agency creates a GT&C in the federal G-Invoicing application. A GT&C with the servicing agency listed as the Originating Partner Indicator on the order can be used to create a seller-facilitated order.
2. The servicing agency pulls the GT&C into the G-Invoicing dashboard..
3. The servicing agency enters the servicing and requesting agency details for the order, such as the headers, order line, and order line schedule details.
4. When the SFO is completed, the system automatically creates an agreement in Work-in-Process (WIP) status.
5. You can create a project or associate an existing project with the order.
6. The performance obligation and performance obligation lines are created automatically.
7. The servicing agency enters the top task for the order line schedule and specifies additional attribute details, if necessary.
8. The servicing agency submits the order for internal approval.

9. The servicing agency officials approve the seller-facilitated order.
10. The servicing agency pushes the internally approved seller-facilitated order to the federal agency.
11. The requesting agency pulls the SFO order and approves or rejects it.

If the order is approved, then it is pushed back to the federal G-Invoicing application. The servicing agency pulls the approved SFO order.

If the order is rejected, it is sent back to the federal G-Invoicing application. The servicing agency pulls it back and then uses the Modify Order functionality to correct and resubmit the SFO for approval.
12. If the funds check flag is enabled, then funds are allocated and the funding is baselined. If the funds check flag is disabled, then the order status changes to Pending Funds check. The servicing agency runs the funds check process. The system then allocates and baselines funding.
13. The order status is updated to REC, and the order is ready for use.

Modifying a Seller-Facilitated Order

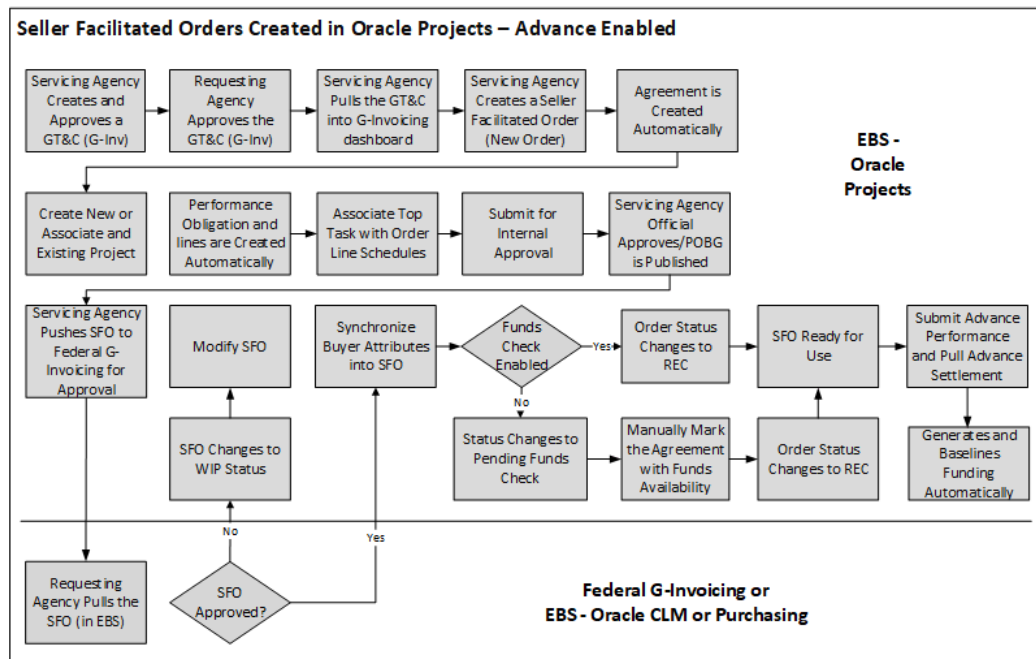
The following steps describe the modification flow for a seller-facilitated order:

1. The requesting agency pushes a rejected order back to the federal G-Invoicing application.
2. The servicing agency pulls the order.
3. The servicing agency updates the order.
4. A new version of the agreement and new performance obligation and performance obligation lines are created automatically.
5. The servicing agency associates the top task to the order line schedule, updates any additional attributes, and submits the agreement for internal approval.
6. Once the order is approved, it is pushed to the federal G-Invoicing application for the requesting agency's approval.

The rest of the flow is the same as the seller-facilitated order creation flow.

Advance-Enabled Seller-Facilitated Orders

The following diagram describes the flow of an advance-enabled seller-facilitated order (SFO).



The seller-facilitated order for non-advanced orders flow covers the following:

1. The servicing agency creates a GT&C in the federal G-Invoicing application. A GT&C with the servicing agency as the order Originating Partner Indicator can be used for creating a seller-facilitated order.
2. The servicing agency pulls the GT&C into the G-Invoicing dashboard.
3. The servicing agency creates a SFO for the GT&C by entering the servicing and requesting agency headers, order line, and order line schedule information.
4. Once the SFO is created, the system automatically generates an agreement with a status of WIP (work in process).
5. Create a project to associate or associate an existing project with the SFO.
6. Once a project is associated with the SFO, the performance obligation and performance obligation lines are created automatically.
7. Enter the top task for the order line schedule and specify additional attribute details, if necessary.
8. Submit the SFO for an internal approval.
9. The servicing agency officials internally approve the SFO.

10. The servicing agency pushes the internally approved SFO to the federal agency.
11. The requesting agency pulls the SFO and approves or rejects it.
If the SFO is approved, then it is pushed back to the federal G-Invoicing application. The servicing agency pulls the approved SFO order.
If the SFO is rejected, it is sent back to the federal G-Invoicing application and the servicing agency pulls it back and then uses the Modify Order functionality to correct and resubmit the SFO for approval.
12. If the funds check flag is enabled, then funds are allocated and the funding is baselined. If the funds check flag is disabled, then the order status changes to Pending Funds check. The servicing agency runs the funds check process.
13. The order status is updated to REC, and the order is ready for use.
14. The servicing agency submits advance performance and pulls advance settlement.
15. The system generates and baselines funding and creates a revenue budget.

Modifying a Seller-Facilitated Order

The following steps describe the modification flow for a seller-facilitated order:

1. When the order is rejected, the requesting agency pushes the rejected order back to the federal G-Invoicing application.
2. The servicing agency pulls the order.
3. Identify the seller-facilitated order to edit.
4. Update SFO attributes and submit.
5. A new version of the agreement is created based on the changes. Performance obligation and performance obligation lines are created automatically.
6. The servicing agency can associate the top task to the order line schedule, update any additional attributes, and submit the agreement for internal approval.
7. Once the order is approved, it is then pushed to the federal G-Invoicing application for the requesting agency's approval.

All the other processes remain the same as the seller-facilitated order creation process.

Creating a Seller-Facilitated Order

To create a new seller-facilitated order (SFO), perform the following steps:

1. From the **Home** page, select the **Projects Super User** responsibility.
2. Click **Enterprise Command Center** and then **Projects Command Center**.
3. Click the **G-Invoicing** dashboard tab.
4. From the **Header** region, click the **GT&C** tab.
5. Identify the GT&C to create an SFO.
6. Click **Create Order** .
The **Seller-Facilitated Order** page appears. The General Terms and Conditions field values are defaulted.
7. Click the **Header** tab.
 - Enter values in the mandatory fields for both the servicing agency and the requesting agency.
 - You can edit the Seller Order Number.
When the order is first created, the seller order number appears with the .0 revision. When the order is modified, the system increments the revision number to .1 and so on.
 - Set up the FOB point as well as the advance payment indicator, along with other required field values.
 - Enter the approving officials details for both the servicing and requesting agencies.
8. Click **Save**.
9. Click the **Lines** tab. Enter the SFO line details.
 - Enter values in the required fields such as the line number, item code, item description, UOM, and the type of service requirement.
10. Click **Save**.
11. Click the **Schedules** tab. Enter the SFO line schedule details.
 - Enter values in the required fields, such as line, line schedule, quantity, unit price, and the requesting agency's TAS and BETC.
 - In the **Shipping Information** region, enter the shipping address.
12. Click **Save and Complete**.

The agreement is created automatically and assigned a status of work in progress.

Editing a Seller-Facilitated Order

To change the values or to edit a rejected seller-facilitated order, perform the following steps:

1. From the **G-Invoicing** dashboard, scroll to the **Header** region.
2. Identify the seller-facilitated order to edit.
3. Click **Update Agreement**.

The **Update Agreement** page appears.

4. From the **Actions** menu, select the **Edit Seller-Facilitated Order** option.

The **Seller-Facilitated Order** page appears.

5. Click **Modify**.

Notice the seller order number and the revision number of the order.

6. Enter the changes and click **Save and Complete**.

The agreement is recreated with the changes.

Function Security for the Seller-Facilitated Order

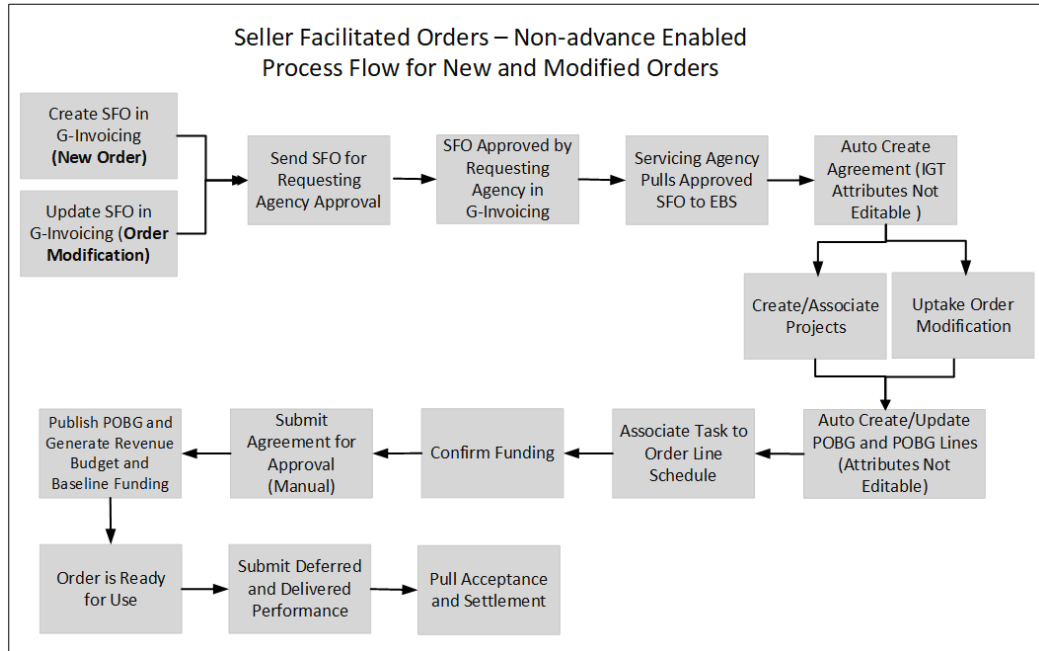
Oracle Projects provides the PA_GINVEDIT_SFO function security to edit the seller-facilitated order. Assign this function security to a responsibility to provide the SFO editing privilege to users.

Seller-Facilitated Orders Maintained in Federal G-Invoicing

Most orders are initiated by requesting agencies. However, orders may also be initiated by servicing agencies. Orders initiated by servicing agencies are known as seller-facilitated orders (SFOs). For an SFO, the servicing agency creates an order in the federal G-Invoicing application and submits it for the requesting agency's approval. After the order is approved, the servicing agency pulls it, the revenue budget is created, and funding is baselined automatically.

Non-Advance-Enabled Orders - New and Modified

The following flowchart illustrates the lifecycle of a seller-facilitated order that is not advance enabled.



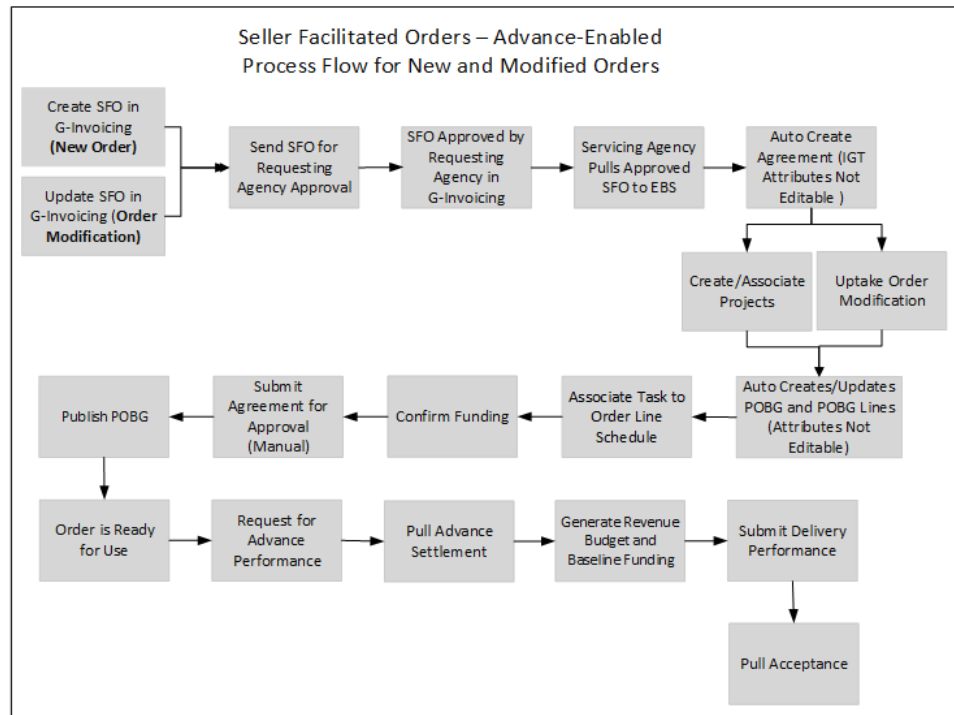
The following steps explain each box in the previous flowchart in detail:

1. The servicing agency initiates the seller-facilitated order (SFO – new order) in the federal G-Invoicing application and sends it to the requesting agency for approval. When modifying an order, the servicing agency modifies the seller-facilitated order (SFO) in the federal G-Invoicing application and sends it for the requesting agency's approval.
2. The requesting agency pulls the SFO, approves it, and sends it back to the federal G-Invoicing application.
3. The servicing agency pulls the approved SFO to EBS from G-Invoicing. After pulling the SFO into Oracle Projects, the concurrent program creates agreements automatically.
4. The servicing agency creates or associates a project to the SFO. Performance obligations and performance obligation lines are created automatically. In the case of an order modification, you must uptake the modified orders.
5. Run the *Intragovernmental Orders Interface* program to pull the orders into EBS. The concurrent program updates agreements automatically and updates performance obligations and performance obligations lines.
6. Associate tasks to order line schedules and confirm funding availability. If funds are available, submit the agreement for approval. This publishes performance obligations, generates revenue budgets, and baselines funding.

7. The order is ready for use.
8. You can submit deferred and delivery performances.

Advance-Enabled Orders - New and Modified

The following diagram describes the flow of a new or modified advance-enabled seller-facilitated order.



The following steps explain the flow of a new or modified advance-enabled SFO in detail:

1. The servicing agency initiates or modifies an advance-enabled SFO from the federal G-Invoicing application and sends it to the requesting agency for approval.
2. The requesting agency pulls the order, approves it, and sends it back to the federal G-Invoicing application.
3. The servicing agency pulls the approved SFO into the G-Invoicing dashboard. After you pull the SFO into Oracle Projects, the concurrent program creates an agreement automatically.
4. The servicing agency either associates an existing project or creates and associates a new project to the SFO. In the case of order modification, you must uptake the modified orders.

5. The performance obligations and performance obligation lines are created automatically, upon project association.
6. Associate a task to the order line schedules and confirm funding availability.
7. If funds are available, submit the agreement for approval. publishes performance obligations, generates revenue budgets, and baselines funding.
8. The order is ready for use.
9. You can request partial or full advance against advance-enabled orders. The advance performance submission generates and baselines the revenue budget and settles funding.
10. Submit the delivery performance and pull the acceptance for the SFO.

Creating Seller-Facilitated Orders

Perform the following steps to create an SFO in the federal G-Invoicing application:

1. Log in to the federal G-Invoicing application.
2. Create a GT&C.
3. In the **Header/Details** region, select **Servicing Agency** for the **Order Originating Partner Indicator** field.
4. Click **Create Order**.
5. Enter values in the required parameter fields and partner information for the requesting and servicing agencies.
6. In the **Program Authority** and **Statutory Authority** regions, enter values in the required fields.
7. Click the **Advance** tab. Set the **Assisted Acquisition Indicator** to **Yes**.
8. Click the **Delivery** tab. Define the delivery details, such as **FOB Point**, **Acceptance Point**, and **Inspection Point**.
9. Click the **Billing** tab. Define billing details such as **Billing Frequency**, **Priority Order Indicator**, **Capital Planning**, and **Investment Control**.
10. Click the **Point of Contact** tab. Enter POC field values for the requesting and servicing agencies.
11. Click **Lines**. Enter values in the required fields for creating order lines.

12. Enter schedule details for the order line. Select **Yes** in the **Advance Pay Indicator** field to create advance-enabled orders.
13. Click the **Advance** tab. Enter details for the advance-enabled order.
14. Enter funding details for the servicing agency.
15. In the **Standard Line of Accounting** region, enter values in the required fields.
16. Click **Save as Draft**.
17. Click **Share with Servicing Agency**.
18. Enter funding and program official approval details, then click **Servicing Agency Approve**.

The order is shared with the requesting agency for approval as shown below:

Shared with Requesting Agency

Servicing Agency		Administration		Oracle DEV Test Acc
Order: O2112-020-020-345427.0				
Order Status	Shared with Requesting	Order Create Date	2021-12-24	
GTC#	A2112-020-020-006309.0	PoP Start Date	2021-09-01	
Assisted Acquisitions Indicator	Yes	PoP End Date	2022-04-30	

Requesting Agency Approves SFO

The requesting agency performs the following steps in the federal G-Invoicing application to approve SFOs:

1. Click the **Requesting Agency** tab and then **Orders**.
2. Query for the seller-facilitated order.
3. Click the **Partner Information** tab. Enter values in the fields, including **Order Tracking Number**, **Unique Entity ID**, **Funding Office Code**, and **Funding Agency Code**.
4. Click the **Authority** tab. Enter the requesting agency program authority details.
5. Click the **Lines/Schedules** tab. Enter values in the **Funding Information** fields, including **TAS**, **BETC**, **Advance Accounting Classification**, and **Bona Fide Need**.

6. In the **Standard Line of Accounting** region, enter values for the required fields.
7. Click **Submit for Requesting Approval**.
8. Click the **Approvals** tab. Enter the Funding and Program Official Approval details for the requesting agency.
9. Click **Requesting Agency Approve**.

Pulling Seller-Facilitated Orders into EBS

The servicing agency performs the following steps to pull approved SFOs into EBS:

1. Switch to the *Projects Super User, US Federal* responsibility.
2. Select **Request** and then **Schedule**.
3. Query the *Intragovernmental Orders Interface Program* concurrent program.
4. Click **Parameters**.
5. Enter values in all required fields, including the order number.
6. Click **Continue**.
7. Click **Submit**.
8. To import data, repeat the previous steps to run the *ECC G-Invoicing Data Load* program.

These two programs pull data into EBS.

Working with Seller-Facilitated Orders (created in Oracle Projects)

The servicing agency performs the following steps in the G-Invoicing dashboard for SFOs:

1. Select **Projects Command Center** and then the **G-Invoicing** dashboard.
2. Query the seller-facilitated order.
3. Use search refinement for GT&C and Orders to sort the SFOs by **Order Originating Partner Indicator** as shown:

Search Refinement with Order Originating Partner Indicator

The image shows a search refinement interface. At the top is a 'Selected Refinements' section with a gear icon and the text 'No filters selected.'. Below that is an 'Available Refinements' section with a gear icon. It contains several expandable categories: 'Agency', 'Agreement', 'GT&C', 'GT&C Number', 'Title', and 'Termination Days'. The 'Order Originating Par...' category is expanded, showing a search box with the placeholder text 'Search...' and a magnifying glass icon. Below the search box, a mouse cursor points to the 'Requesting Agency' option, with 'Servicing Agency' listed below it. A '2 of 2' indicator is visible to the right of the 'Order Originating Par...' header.

4. In the **GT&C and Orders** region, view the **Order Originating Partner Indicator** field. This field displays the servicing agency for seller-facilitated orders.
5. Click the **Orders** tab, then click **Create Project**.
 - Query for a project template.
 - Select a template and then click **Continue**.
 - Enter values in the required fields.
 - Click Finish.

The project is created and the Performance Obligations page opens. You can

only edit the top task number.

6. Click **Save and Continue**.

The Servicing Agency TAS appears. All other fields are read-only, including the Additional Attributes fields.

7. Rerun the *ECC G-Invoicing Data Load* concurrent program.

8. In the **Orders** tab, click **Update Agreement**.

9. Enter the description.

All the IGT related fields are read-only. Use the **Confirm Funding Availability** option to verify that funds are available before settling the performance obligations. All fields on the Additional Attributes page are also read-only, such as the fields in the **Partner Information** region, which include **Unique Entity Identifier**, **Comments**, and **Funding Agency Codes** for both servicing and requesting agencies. Similarly, since the agreement is approved, the funding information displays.

10. Click **Submit**.

11. Log in and approve the agreement.

Once the agreement is approved, Oracle Projects runs the following concurrent programs automatically, as set up in the G-Invoicing Setup options:

Requests

Personalize "Request View Region"
Personalize Table Layout: (Fndcpreqsimplesearchreg)

Request Query Type: All My Requests

Personalize Stack Layout: (Fndcpreqssummarylist)

Personalize "Requests Summary Table"
Requests Summary Table

Refresh | | | |

Request ID	Name
50631059	Intragovernmental Performance Interface Program
50631058	Accounting Program
50631057	Intragovernmental Performance Interface Program
50631056	MGT:Push Performance (MGT:Push Performance)
50631055	Create Accounting (PRC: Create Accounting)
50631053	PRC: Submit Intragovernmental Performance

12. Log into the federal G-Invoicing application and query the order.

Notice that the advance performance has been submitted for the order line schedule.

13. Navigate to the *Projects Super User, US Federal* responsibility.

14. Select **Requests** and then **Schedule**.
15. Query the **Intragovernmental Performance Interface Program**.
16. Click the **Parameters** tab.
17. Enter values in the required fields to pull the modified performances into EBS.
Notice that the **Internal Status** changes to **Approved**.
18. Click **View Performance**.
19. Click the **Performance Obligations** tab.
Notice that the advance performance is submitted and the receipt is also processed.
20. Click the **Financial** tab.
Notice that the budget is also approved.
21. Click the **Funding** tab.
Notice that the funding has been created.

Modifying Seller-Facilitated Orders

To modify seller-facilitated orders that are maintained in the federal G-Invoicing application, perform the following steps:

1. Switch to the federal G-Invoicing application.
2. Query the order number.
3. Click **Modify**. The order has a revision number (for example, .*x* – where *x* represents the revision number).
4. Click **Copy** next to the schedule number to create another line.
5. Change the quantity in the first order line schedule.
6. Change the quantity in the second order line schedule.
7. Click **Update Draft**.
8. Click **Share with Servicing Agency**.
9. Click the **Approvals** tab and enter values in the Program Official Approval fields for the servicing agency.
10. Click **Service Agency Approval**.

11. Approve the order from the requesting agency.
 - Click the **Requesting Agency** tab.
 - Query the order number.
 - Click the order number.
 - Click **Schedule** and enter values in the required fields in the **Funding Information** and **Standard Line of Accounting** regions.
 - Click **Submit for Requesting Approval**.
 - Click the **Approvals** tab, and enter the names of the funding and program officials.
 - Click **Requesting Agency Approve**.

12. Navigate to the *Projects Super User, US Federal* responsibility.

13. Submit the *Intragovernmental Orders Interface Program* using the **Submit Request** window.

14. Enter values in the required fields.

15. Click **OK** and then click **Submit**.

16. Submit the *ECC G-Invoicing Data Load* concurrent program to pull the order details into the G-Invoicing dashboard.

17. In the **Header** region, select the **Orders** tab.

18. In the **Details** region, select the **Order Line Schedules** tab.
 You can see order lines created with the modified values.

Modified Order Lines Created

Order Number	Line Number	Schedule Number	Amount	Quantity	Unit Price	Advance Payment Indicator	Schedule Status
02112-020-345427	1	2	200	20	10	Yes	Active
02112-020-345427	1	1	150	15	10	Yes	Active

19. In the **Header** region, scroll right to see if the **Internal Process Status** is **Modified**, which indicates it is a modified order.

Internal Process Status

Order Number	Currency	Order Amount	Order Originating Partner Indicator	Order Status	Creation Date	Acceptance Date	Internal Process Status	Const
02112-020-020-345427	USD	350	Servicing Agency	Open	23-Dec-2021	23-Dec-2021	Modified	

20. Select the order number.
21. From the **Actions** menu, select **Order Modification Uptake**.
22. In the **Headers** region, click the **Orders** tab.
23. Click **View Performance Obligation**.
24. From the **Actions** list, select **Update** and click **Go**.
25. Enter a top task number for the modified line.
26. Click **Save and Continue**.
27. Click **Apply**.
28. Click **G-Invoicing Dashboard**.
29. Click the **Orders** tab.
30. Click **Update Agreement**.
31. Click **Submit** to submit the agreement for approval.
32. Approve the agreement.
33. Navigate to the federal G-Invoicing application.
34. Query the order number.
35. Click **Show Performance**.

Show Performance in G-Invoicing

Order: 02112-020-020-345427 Select an Order Number												
Order Status Open	Order Create Date 2021-12-23	PoP Start Date 2021-08-31	PoP End Date 2022-04-30	Net Amount	Advance Amount \$350.00	Total Amount \$350.00	Remaining Amount \$0.00					
GT&C # A2112-020-020-006309	FOB Point Source/Origin	Servicing ALC 20010010	Servicing Group HQ - HQ									
Originating Partner Servicing Agency	CR days -	Requesting ALC 20010004	Requesting Group Head Quarters (HQ) - Head Quarters (HQ)									

Document Type	Transaction Date	Period	Performance Number	Document Quantity	Document Amount	Performance Date	Partia l/ Final	Transfer Date	DRN	Remainin g Quantity	Remaining Amount	Action
Line 1				35.00	\$ 350.00					0.00	\$ 0.00	
Schedule 1				15.00	\$ 150.00					0.00	\$ 0.00	
Advance	2021-12-24	03/2022 (Dec)	P2112-020-020-184724	10.00	\$ 100.00	2021-12-23	Final	2021-12-23	00012181	5.00	\$ 50.00	
Advance	2021-12-24	03/2022 (Dec)	P2112-020-020-184771	5.00	\$ 50.00	2021-12-23	Final			0.00	\$ 0.00	
Schedule 2				20.00	\$ 200.00					0.00	\$ 0.00	
Advance	2021-12-24	03/2022 (Dec)	P2112-020-020-184771	20.00	\$ 200.00	2021-12-23	Final			0.00	\$ 0.00	

Submit Deferred and Delivery Performance for Seller-Facilitated Orders

Perform the following steps to submit deferred and delivery performances for seller-facilitated orders:

1. In the **Projects Command Center**, select orders in the G-Invoicing dashboard.
2. Submit deferred and delivery performance by entering values in the required fields.
3. Performances are pushed to the federal G-Invoicing application.

For details about submitting deferred and delivery performance, refer to Using Deferred Performance, page 6-61 and Using Delivery Performance, page 6-65.

Closing Orders

Once all the performances are fulfilled, you can close the order. To close an order, perform the following steps:

1. From the federal G-Invoicing application, select the order to close.
2. Click **Close**.
3. Enter the reason to close the order.
4. From the *Projects Super User, US Federal responsibility*, run the *Intragovernmental Orders Interface Program* concurrent program.
5. Run the *ECC G-Invoicing Data Load* concurrent program.
6. In the **G-Invoicing Dashboard**, in the **Headers** region, click the **Orders** tab.
7. Scroll to the right and confirm the order status is Closed.

Closed Order Status

Header						
GT&C		Orders				
Order Details						
Order Number	Currency	Order Amount	Order Originating Partner indicator	Order Status	Creation Date	Acceptance Date
020-345139	USD	2,000	Servicing Agency	Closed	23-Dec-2021	23-Dec-2021

0 record(s) selected. Page 1 of 1

Servicing Agency Support for Buyer-Initiated Orders

Oracle E-Business Suite for G-Invoicing supports orders that are initiated by requesting agencies. These buyer-initiated orders (BIO) are created and approved either in the federal G-Invoicing application or in the EBS system. Servicing agencies then pull these orders into EBS for performance processing.

Prerequisite

The orders must fulfill the following setup requirements:

- In the **G-Invoicing Setup** page, identify if the Buyer-Initiated Orders are maintained in the federal G-Invoicing application or in EBS. Depending on the value selected for the Buyer-Initiated Orders Maintained in indicator, the performance processing and accounting happen in the corresponding systems. (Navigation: Select the *Projects Super User, US Federal* responsibility, then **Projects: Setup**, and then **G-Invoicing Setup**.)

Servicing Agencies Handling of BIOs

Buyer-initiated orders created in the federal G-Invoicing application are approved by sellers in the same system. You cannot modify these orders in EBS.

The servicing agency pulls buyer-initiated orders into EBS and associates a project and a top task for accounting purposes. These orders are pulled in approved status. Performances are initiated from EBS and pushed to the federal G-Invoicing application. Perform any BIO modifications in the federal G-Invoicing application. Both agencies approve the modifications, then the servicing agency pulls the BIO modifications to process performances.

Seller-Facilitated Orders (SFO) also fall into the federal G-Invoicing maintained orders category. Refer to "Seller-Facilitated Orders Maintained in Federal G-Invoicing", page 6-33 for more details.

After the buyer-initiated orders are pulled into EBS, the servicing agency can follow the order approval flows to create performances against these orders as described below:

- Agreements are created automatically (fields cannot be edited).
- Create and associate a project to the order.
- Performance obligations and performance obligation lines are automatically created, and these cannot be edited.
- Associate top task with the order line schedule.
- Submit the agreement for approval.
- Publish performance obligation, and the system automatically generates revenue budgets and baselines funding.
- The order is ready for execution.
- For a new or modified order that is not advance enabled:
 - Submit a deferred or delivery performance.
 - Pull acceptance and settlements.

In the case of advance-enabled orders (new orders or modified orders):

- Request partial or full advance against the order.
- Pull advance settlement.
- Generate revenue budget and baseline funding.
- Submit delivery performance.
- Pull acceptance.

Closing IGT Orders

Orders can be closed when all transactions are fulfilled between both the trading partners (requesting and servicing agencies). Requesting agencies can only close an order. While closing an order, any open quantity balance on order line schedules are adjusted and approved by both the trading partners.

The order closing process sends modifications to the federal G-Invoicing application and updates the order status to closed (CLZ).

The *Intragovernmental Orders Pull* concurrent program pulls the closed orders into EBS.

The order closing process ensures the following conditions are met:

- Total sum of advance quantity equals the sum of delivered or performance quantity.
- Total delivered performance quality equals the received accepted quantity.

Buyers initiates an order closure only when:

- Balance quantity for the order schedule is zero (there no unpaid quantity).
- Sellers confirm that the delivered or performance transaction is final.

Reopening Orders

In some cases, you would need to reopen closed orders due to changes in the order or market conditions. Requesting agencies can reopen orders.

Note: When closed orders are reopened, the orders interface program retrieves these orders and are considered by the order modification flow.

G-Invoicing Order Approval – Funds Check and Allocation

Oracle E-Business Suite G-Invoicing provides a facility to enable funds availability confirmation to allocate and fulfill an order. If funds are available, then the system confirms funds allocation, baselines funding and pushes the order to the federal G-Invoicing application.

When the agreement approval is initiated, the system validates funds availability and allocation status by calling the client extension *PA_Client_Extn_IGT_Cust.Return_Ord_Fund_available()*. If funds are available, then the system approves the agreement, baselines funding, and the order is pushed to the federal G-Invoicing application. If funds are not available or allocated, then the system approves the agreement and Pending Funds Check is displayed in the **Internal Status** field.

In such cases, agencies must manually manage the funding allocation and indicate the fund's availability.

To confirm funds availability, the agencies can use the **Confirm Funds Availability** option in the **Update Agreement** page or use the public API *PA_IGT_EXT_API_PUB.CONFIRM_FUNDS_AVAILABLE()*.

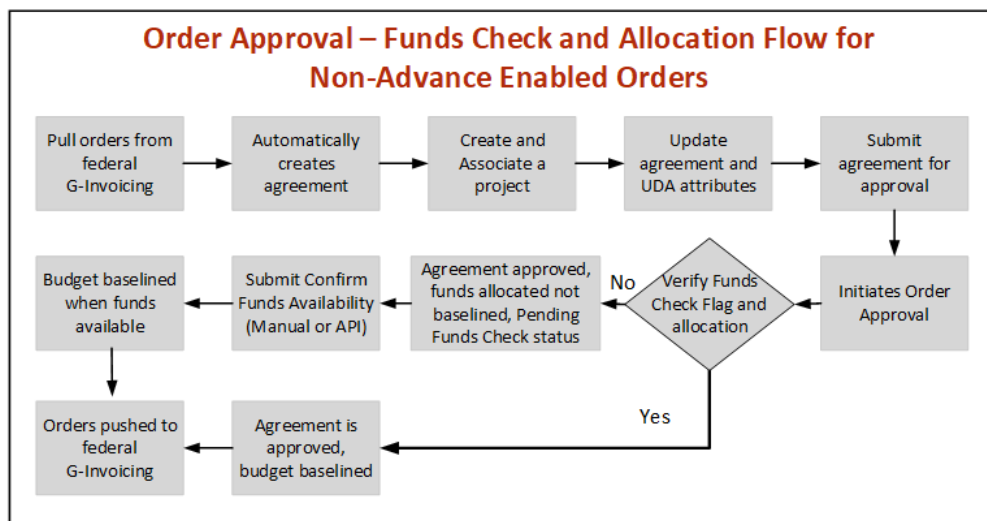
To confirm funds availability manually for orders with Pending Funds Check status, perform the following steps:

1. From the **Home** page, select the *Projects Super User, US Federal* responsibility.
2. Click **Enterprise Command Center** and then **Projects Command Center**.

3. Click the **G-Invoicing** tab.
4. On the G-Invoicing dashboard, refine your search to retrieve orders with the internal status as pending funds check.
5. Click the **Update Agreement** link icon.
The **Confirm Funds Availability** option in the **Actions** menu is activated for such orders.
6. From the **Actions** list, select **Confirm Funds Availability**.
7. Click **Go**.

Funds Check and Allocations for Orders That Are Not Advance Enabled

The following diagram shows the funds check and allocation flow for an order that is not advance-enabled.



The following steps also describe the funds check and allocation flow for an order that is not advance-enabled:

1. Identify the orders in the federal G-Invoicing application and pull them into Oracle Projects.
Oracle Projects automatically creates agreements in the Work In Progress status.
2. Create or associate a project with the order.
The performance obligation and performance obligation lines are created automatically.
3. Associate a task with an order line schedule and update additional attributes (if

needed).

4. Submit the agreement for approval.

The agreement approval process uses the client extension, *PA_Client_Extn_IGT_Cust.Return_Ord_Fund_available()*, to confirm funds availability.

Important: Ensure that *PA_Client_Extn_IGT_Cust.Return_Ord_Fund_available()* is properly coded before initiating the agreement approval.

If funds are available, the agreement is approved and the funding is baselined. The order is pushed back to the federal G-Invoicing application with the REC status. The flow ends.

If the client extension determines that funds are not available, then the budget is not baselined, but the agreement is approved. Once funds become available, then manually manage the funding allocation and check funds availability using the following step.

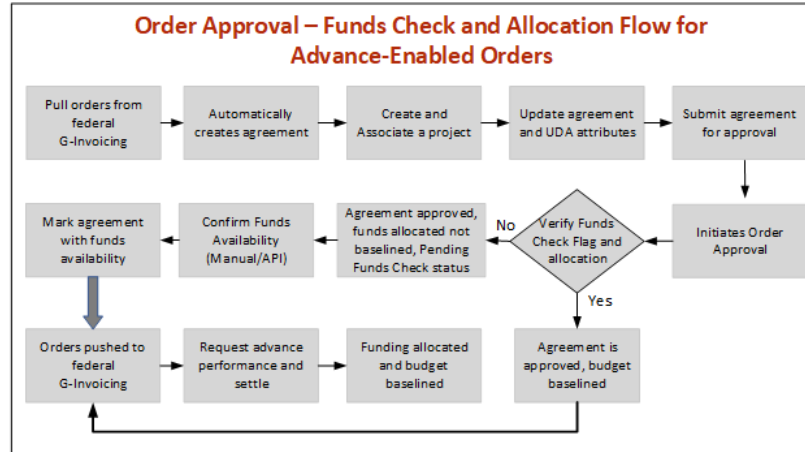
5. Confirm funds availability using one of the following methods:

- In the **Update Agreement** page, click the **Actions** menu and then click **Confirm Funds Availability**.
- Use the public API *PA_IGT_EXT_API_PUB.CONFIRM_FUNDS_AVAILABLE()*.

Once funds are available, the funding is baselined. The order is pushed back to the federal G-Invoicing application with the REC status.

Funds Check and Allocations for Advance-Enabled Orders

The following diagram shows the funds check and funds allocation flow for an advance-enabled order.



The following steps also describe the funds check and funds allocation flow for an advance-enabled order:

1. Identify the orders in the federal G-Invoicing application and pull them into Oracle Projects.

Oracle Projects automatically creates agreements in the Work In Progress status.

2. Create or associate a project with the order.

The performance obligation and performance obligation lines are created automatically.

3. Associate a task with an order line schedule and update additional attributes (if needed).

4. Submit the agreement for approval.

The agreement approval process uses the client extension, *PA_Client_Extn_IGT_Cust.Return_Ord_Fund_available()*, to confirm funds availability.

Important: Ensure that *PA_Client_Extn_IGT_Cust.Return_Ord_Fund_available()* is properly coded before initiating the agreement approval.

1. If funds are available, the agreement is approved, and the funding is baselined. The order is pushed back to the federal G-Invoicing application with the REC status.
2. If the client extension determines that funds are not available, then the budget is not baselined, but the agreement is approved, and funding is allocated. The order's **Internal Status** is Pending Funds Check, which you can view in the G-

Invoicing dashboard, **Update Agreement** page, **Orders** tab, **Headers** region.

Once funds become available, then manually check for funds availability using one of the following methods:

- In the **Update Agreement** page, click the **Actions** menu and then click **Confirm Funds Availability**.
- Use the public API `PA_IGT_EXT_API_PUB.CONFIRM_FUNDS_AVAILABLE()`.

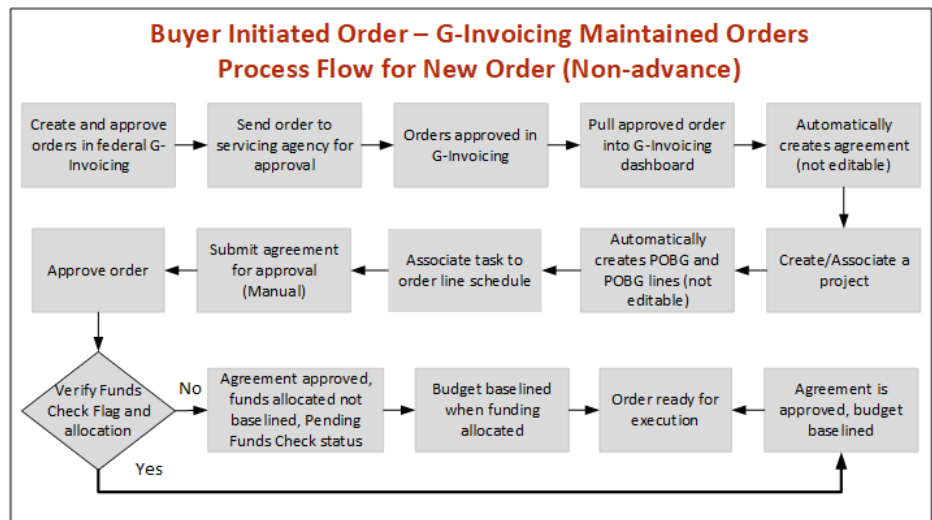
Once funds are available, the funding is baselined. The order is pushed to the federal G-Invoicing application with the REC status.

5. Submit an advance performance request against the order and automatically receive the settlement in IPAC.

After the advance is settled, the funding is allocated, and the budget is baselined.

Funds Check and Allocations for Buyer-Initiated Orders (Non-Advance Enabled Orders) Flow

The following diagram illustrates the funds check and funds allocation flow for buyer-initiated new orders (BIOs):



The following steps also describe the funds check and funds allocation flow for buyer-initiated, non-advance enabled new orders (BIOs):

Required Action: Before beginning this process, perform the following prerequisite steps:

1. Navigate to the *Projects Super User, US Federal* responsibility. Select **Projects: Setup**, and then **G-Invoicing Setup**.
2. In the **G-Invoicing Setup** page, **Buyer-Initiated Order Maintained In** field, select **G-Invoicing**.

1. Pull an approved BIO order into Oracle Projects with the REC status.
Agreements are created automatically in the Work-in-Progress status.
2. Create or associate a project with the order.
The performance obligation and performance obligation lines are created automatically.
3. Associate a task with an order line schedule and update additional attributes (if necessary).
4. Before initiating the agreement approval, ensure that the client extension *PA_Client_Extn_IGT_Cust.Return_Ord_Fund_available()*, is properly coded.
If funds are available, the agreement is approved, and the funding is baselined. The order is pushed back to the federal G-Invoicing application with the REC status. If the client extension determines that funds are not available, then the budget is not baselined, but the agreement is approved. In this case, you must manually perform funds check availability.
In the **Update Agreement** page and in the **Orders** tab in the **Headers** region on the G-Invoicing dashboard, the **Internal Status** includes the status Pending Funds Check.
5. To confirm funds availability, you can use the **Confirm Funds Availability** option from the **Actions** menu in the **Update Agreement** page or use the public API *PA_IGT_EXT_API_PUB.CONFIRM_FUNDS_AVAILABLE()*.
6. When funds are available the funding is baselined and the order is pushed to the federal G-Invoicing application with the REC status.

Rules and Validations

- The revenue budget is baselined only when the agreement funding is baselined.
- The failed push orders have the status Failed Push.
- When an order is in the Pending Funds Check status, you cannot submit a new or an existing performance.

APIs and Client Extensions for G-Invoicing

Use the following APIs to create and update agreements, create and associate projects, and perform additional attribute changes to performance obligation lines and uptake order modifications. You can use these APIs as alternative methods to perform various G-Invoicing functions.

API: Create an IGT Agreement

Use this API to create an intragovernmental (IGT) agreement and link it with an IGT order.

Technical name: PA_IGT_EXT_API_PUB.CREATE_IGT_AGREEMENT

API: Update an IGT Agreement

Use this API to update an intragovernmental (IGT) agreement.

Technical name: PA_IGT_EXT_API_PUB.UPDATE_IGT_AGREEMENT

API: Associate a Project to an IGT Order

Use this API to associate a project with an IGT order. The specified IGT order must not have an associated project already.

- **Technical Name:** PA_IGT_EXT_API_PUB.IGT_ORDER_ASSOCIATE_PRJ
- **Prerequisite:** An IGT agreement should exist in the work-in-progress (WIP) status.
- **Outcome:** If the project exists, then it is associated with an IGT order. Performance obligation (POBG) lines are created automatically.

API: Update the order Header and Order Line Schedule and Additional Attributes (UDAs)

Use this API to update additional attributes maintained in the UDA (user-defined attributes) framework. This API updates the agreement and header additional attributes details along with performance obligation and order line schedules.

- **Technical Names:**
 - PA_IGT_EXT_API_PUB.Update_Header_Additional_Attr
 - PA_IGT_EXT_API_PUB.Update_POBG_Additional_Attr
- **Prerequisites:**
 - The project you specify must be an IGT project.

- The IGT agreement must be in the work-in-progress (WIP) status.

API: Submit an Order Performance

Use this API to submit all performances (deferred, delivery and advance) at the order, order line, and order lines schedule levels.

- **Technical Names:**
 - PA_IGT_EXT_API_PUB.submit_performance_order
 - PA_IGT_EXT_API_PUB.submit_performance_line
 - PA_IGT_EXT_API_PUB.submit_performance_line_sch
- **Prerequisite:** Pending performance must exist.

API: Order Modification Uptake API for an IGT Agreement

Use this API to uptake order modifications.

- **Technical Name:** ORDER_MOD_UPTAKE
- **Prerequisites:** The IGT order must be in the Shared with Servicing Agency (SSA) status. The IGT project must not have a work-in-progress agreement.
- **Outcome:** Order modifications update performance obligations.

API: Update Performance Obligation Lines API for IGT Projects (TAS/Task/Line)

Use this API to update performance obligation lines and line schedules.

- **Technical Names:**
 - IGT_UPD_POBG_HEADER
 - IGT_UPD_POBG_LINES
- **Prerequisite:** The project you specify must be an IGT project. The IGT agreement must be in the Work in Progress status.

API: Update Additional Attributes API for IGT Projects (order header/order line schedule)

Use this API to update additional attributes maintained in the UDA framework. This API updates the agreement and header attributes along with performance obligation and order line schedules.

- **Technical Names:**
 - UPDATE_HEADER_ADDITIONAL_ATTR
 - UPDATE_POBG_ADDITIONAL_ATTR
- **Prerequisites:** The project you specify must be an IGT project. The IGT agreement must be in the Work-in-Progress status.

API: Submit the IGT Agreement

Use this API to submit IGT agreements for approval.

- **Technical Names:**
 - SUBMIT_IGT_AGREEMENT
 - UPDATE_IGT_AGREEMENT
- **Prerequisite:** The IGT Agreement must be in the Work in Progress status.
- **Assumptions:** To approve or reject automatically, customize the workflow to skip the approver node.
- **Outcome:** After the IGT agreement is approved either manually or automatically, the following steps are performed:
 - The performance obligation is published.
 - Funding is baselined.
 - Revenue budget is baselined.
 - The order is pushed to the federal G-Invoicing application in the REC status.
 - Failure puts the IGT agreement back in the Work in Progress status.

API: Confirm Funds Availability

Use this API to confirm funds availability.

- **Technical Name:** PA_IGT_EXT_API_PUB.CONFIRM_FUNDS_AVAILABLE()
- **Outcome:** When funds are available, the budget is baselined and the funds are allocated.

API: Public Views for IGT Staging Tables and UDAs

Use this API to view the following tables:

- IGT_GTC
- IGT_ORDER
- IGT_ORDER_LINE
- IGT_ORDER_LINE_SCHE
- UDAs

This API supports the following views:

- IGT_GTC - PA_IGT_GTC_DETAILS_V
- IGT_ORDER - PA_IGT_ORDER_DETAILS_V
- IGT_ORDER_LINE - PA_IGT_ORDER_LINE_DETAILS_V
- IGT_ORDER_LINE_SCHE - PA_IGT_ORDER_LINE_SCH_DET_V
- PA_IGT_ORDER_UDA_V
- PA_IGT_ORDER_LINE_SCHD_UDA_V

API: Associate an Agreement with an IGT Order

Use this API to associate an agreement with the IGT order. The OKE created orders require agreements to be approval-enabled and the funding is generated after the order is approved. To support approval-enabled agreement types, the Create IGT Agreement, Update IGT Agreement, and Add Funding APIs have been enhanced.

You can use this API to mark an agreement as advance-enabled.

- **Technical Name:** LINK_IGT_ORDER
- **Prerequisites:**
 - An agreement must be approved.
 - Revenue or invoice must not exist for the agreement.
 - Only task-level funding is allowed.

API: Reject an IGT Order

Use this API to reject an IGT order and the order modification. The Pull the order for reject flow to API created OKE orders. OKE creates contract agreement and updates data in the staging tables. Use the Reject IGT Order API to reject the agreement and push it back to the federal G-Invoicing application with the Rejected status.

- **Technical Name:**REJECT_IGT_ORDER

API: An Order Rejection Before an Agreement or a Project Association

Use this API to reject an order agreement and push the order back to the federal G-Invoicing application with the Rejected status. You can submit the rejection with or without an agreement.

- **Technical Name:** PA_IGT_EXT_API_PUB.REJECT_IGT_ORDER
- **Prerequisites:**
 - The IGT order must in the Shared with Servicing Agency (SSA) status
 - You must set the application context
- **Outcome:** The IGT order is rejected with the REJ status.
- **Validation:** The IGT order being rejected can be with or without a project or an agreement.

Client Extension for Seller Order Number in SFO

PA_Client_Extn_IGT_Cust.Return_SF_Order_num

Use this client extension to create seller-facilitated order numbers. The system first looks for the seller order number. If it is not specified, then the system looks for any client extension specified. If one exists, then the system uses it.

You can edit the seller order number on the **Create Seller-Facilitated Orders** page until the order is saved. The seller order number cannot exceed 20 characters.

Client Extension for Modification to Mass Submission of Performance

PA_Client_Extn_Igt_Cust.return_mass_perf_attributes

Use this client extension to override preparer attributes, performance dates, and comments during mass performance submission. Default preparer information is retrieved based on the performance role selected in the **G-Invoicing Setup** page.

Client Extension Modification to the Refund Process

PA_Client_Extn_IGT_Cust.Custom_refund_activity

Use this client extension to customize the refund process using a client extension. Using this client extension, you can skip the standard refund process and perform the refund activities manually.

Using Additional Attributes (User Defined Attributes) Pages

To uptake UDA self-service pages for access to user-defined attributes at the header level and the schedule level, perform the following steps:

Prerequisites

Verify that the agreement is linked with the IGT Order.

1. To access the header UDA page, pass the following mandatory parameters:
 - *orderNum* indicates the order number for which the UDA attributes are updated.
 - *fromPageURL* indicates the URL being retrieved.
 - *OA.jsp?page=* indicates the page name with the complete path.

Specify the path as shown below in the sample code:

```
OA.jsp?  
page=/oracle/apps/pa/pobg/webui/ExtAttrPageRegionWrpPG&retainAM=Y)
```

Specify the complete path as shown below:

```
OA.jsp?  
page=/oracle/apps/pa/pobg/webui/ExtAttrPageRegionWrpPG&orderNum=1234  
&fromPageURL=OA.jsp?  
page=/oracle/apps/pa/pobg/webui/ExtAttrPageRegionWrpPG
```

2. To access the schedule-level UDA page, pass the following mandatory parameters:
 - *orderNum* indicates the order number.
 - *lineNum* indicates the line number of the order.
 - *schdNum* indicates the schedule number for which you want to update the schedule-level UDA attributes.
 - *fromPageURL* indicates the URL being retrieved.
 - *OA.jsp?page=* indicates the page name with the complete path.

Specify the path as shown below in the sample code:

```
OA.jsp?  
page=/oracle/apps/pa/pobg/webui/ExtAttrPageRegionWrpPG&retainAM=Y)
```


Specify the complete path as shown below:

```
OA.jsp?  
page=/oracle/apps/pa/pobg/webui/ExtAttrPageRegionWrpPG&orderNum=1234  
&lineNum =1& schdNum =1&fromPageURL=OA.jsp?  
page=/oracle/apps/pa/pobg/webui/ExtAttrPageRegionWrpPG
```

Using Performance in G-Invoicing

When a servicing agency fulfills an order, the order progress is tracked against the order line schedule and communicated to the requesting agency as performance. When the reported performance is accepted by the requesting agency, that performance is tracked by the servicing agency as approved.

Use the following features to manage performances and drive settlement by deriving and reporting accurate progress and delivery.

- **Advance Payments**
 - Receive advances against orders in part or in full.
 - Offset advance payment against invoices.
- **Deferred Payments**
 - Generate revenue against the order line schedule and map it to deferred performance.
 - Report progress against an order line schedule without initiating settlement.
- **Delivery Payments**
 - Report delivery against an order line schedule to initiate settlement.
 - Provide visibility into FOB (source, destination, others) and constructive days.
 - Create acceptance and credit memos.
 - Receive acceptance of performance for FOB (destination, others) against delivery performance.

Prerequisites

Verify that you have set up preparer details before using performance. Refer to "Entering G-Invoicing Setup Options", page 3-9 for details.

Performance Management

Oracle Projects supports performance management by enabling the following actions:

- Use the inline accounting with Contract Asset (CA) and Contract Liability (CL), Unbilled Receivable (UBR) and Unearned Revenue (UER).
- Generate revenue against the order line schedule and map it to deferred performance.
- Generate invoices against the order line schedule and map invoice details to delivery performance.
- Accept an advance amount and generate advance performance at the order line schedule.
- Push generated performance to requesting agency through G-Invoicing.
- Pull accepted performance sent by the requesting agency.
- Create adjustments in the underlying transactions if acceptance is not full.
- Generate and submit negative performance for refund transactions.

Working with Performance Obligations

The **Performance Obligation** page displays all performance obligations details.

To see performance obligation lines, select a single performance obligation in the **Performance Obligations** region.

To submit performance obligation lines, select lines in the **Performance Obligation Lines** region and then choose to submit advance, deferred, or delivery performance. For more information, see:

- Using Advance Performance , page 6-75
- Submit Deferred Performance, page 6-63
- Submit Delivery Performance, page 6-67

To generate funding against performance obligation lines based on applied receipts, select **Generate Funding** from the **Actions** list. This option is available only for advance-enabled orders.

To edit or update performance obligations, select **Update** from the **Actions** list. For more information about updating performance obligations, see "Defining Performance Obligation Additional Attributes.", page 6-24

To view the version history of a performance obligation, select **View History** from the **Actions** list.

To view the performance history, select **View Performance History** from the **Actions** list.

Note: To submit multiple performances for advance and non-advance orders as a mass submission, use the *PRC: Mass submission performances for G-Invoicing* concurrent program. Refer to "Submitting Performance for Multiple Orders", page 6-6 for details.

Using Deferred Performance

For each performance obligation line, revenue generated is mapped to a deferred performance. You can progress generated at the performance obligation line (order line schedule) as deferred performance to G-Invoicing. The requesting agency pulls the updated order information from G-Invoicing, but this has no impact on the financial transaction with respect to G-Invoicing. You can edit attributes and select attachments.

Impact on Accounting

Contract asset (CA) and contract liability (CL) and unbilled receivable (UBR) and unearned revenue (UER) balances are maintained at the project level. For revenue generation, the UBR and UER accounting is run instead of CA and CL accounting. The performance obligation ID and number are passed to revenue and invoice programs as auto-accounting parameters for all accounting events.

High Level Flow for Deferred Performance

Before you can submit deferred performance for a project, you must complete the following high-level steps:

1. Search for projects.
2. Incur actual transactions, such as expenditure or events.
3. Generate revenue and revenue accounting events.
4. Generate progress at the performance obligation lines using the revenue distribution line. See "Generating Deferred Performance.", page 6-61
5. Update additional attributes on the **Submit Deferred Performance** page.
6. Submit deferred performance.
7. Performances are pushed to the federal G-Invoicing application.

Generating Deferred Performance

Before you submit deferred performance, the order must be approved by the requesting agency.

1. Run the *Intragovernmental Orders Interface Program* to pull approved orders into Oracle Projects.
2. Run the Projects G-Invoicing ECC Data Load program.
3. With the *Projects Super User* responsibility, navigate to the G-Invoicing dashboard.
4. Search for the order.
5. Scroll down to the **Header** component and click **Orders** in the **GT&C Order** region.
6. Click the **Create Project** icon. The **Create Project: Select Source** page appears.
7. Search for the template that you want to use to create a project.
8. Click **Continue**. The **Create Project: Details** page appears.
9. Enter information in the required fields. These depend on how the Quick Entry fields are configured, but may include **Project Number**, **Project Name**, **Project Start Date** and **Project End Date**.
10. Click **Finish**. The **Processing: Creating Project** page appears. Wait for the request to be processed.
11. Navigate to the **Performance Obligation** page.
12. Select the performance obligation.
13. Scroll down to the performance obligation lines.
14. Select or enter the top task number.
15. Select or enter the TAS value.
16. Click **Save** and then **Continue**.
17. Repeat Steps 14 through 17 for all the other performance obligation and performance obligation lines.
18. Click the **G-Invoicing Dashboard** icon on the top of the page to navigate back to the dashboard.
19. Click the **Update Agreement** icon in the **Order** region. The **Update Agreement** page appears.
20. Enter the billing frequency value. If you select **Others**, then you must provide an explanation.

21. Select **Additional Agreement Attributes** from the Actions menu and click **Go**.
22. Enter servicing agency details in the **Funding Approval**, **Program Approval**, and **Preparer Information** regions.
23. Click **Apply** to submit the agreement for approval.
24. Log in as the approver and approve the agreement.
25. Navigate to the federal G-Invoicing application.
26. Query the order and check the order Status.
27. Run the ECC Incremental Data Load.
28. Navigate to the **Projects G-Invoicing** dashboard by clicking the *Projects Super User, US Federal* responsibility, and then click **Projects Command Center**, and then **G-Invoicing**.
29. Navigate to **Expenditure** and create actual expenditure task of specified quantity for a few tasks.
30. (Conditional) For work-based revenue, submit and release the expenditure batches.
31. Run the applicable cost distribution programs, such as the PRC: Distribute Labor Cost distribution.
32. (Conditional) If you are using event-based revenue, then you must create an event for a task. If you are not using event-based revenue, then this step is optional.
33. To submit deferred performance, you must first generate revenue and approve it.
 - Run the **PRC: Generate Draft Revenue for a Single Project**.
 - Review the revenue by using the Review Revenue option.
 - Click **Release** on the Review Summary window to release the revenue.
 - Click **Save**.
34. Run the PRC: Generate Revenue Accounting Event, which generates the deferred performance lines. Each performance line maps to one order line schedule.

Submitting Deferred Performance

1. Navigate to the Projects **G-Invoicing** dashboard by clicking the *Projects Super User, US Federal* responsibility, and then click the **Projects Command Center**, and then **G-Invoicing**.

2. Query the order.
3. Select **View Performance Obligation** by scrolling down and selecting the **Orders** tab.
4. Select the performance obligation lines.
5. Select **Submit Deferred Performance** from the list and click **Go**.
6. The **Submit Deferred Performance** page appears.
7. In the **Header** region, the preparer details are defaulted from the previously specified values. If default values do not appear, then enter the preparer's name, phone number, and email address.
8. In the **Date** field, enter a performance date between the order start and end dates.
9. Select the accounting period that is open. The list of values lists all the periods that are open in that accounting period.
10. The **Transaction** table displays the following columns:

Column	Description
Order Number	Indicates the unique number assigned to the selected order.
Order Line Number	Indicates the line number of the order used.
Order Line Schedule Number	Indicates the line number of the order used.
Unit of Measure	Displays the selected UOM.
Performance Quantity	Displays the quantity the performance can be submitted for.
Performance Indicator	Indicates whether the performance is Partial Performance or Final Performance. You can choose one of the two options.
Attachment	Lets you add attachments.

11. Click **Submit**. The **View Performance Obligation** page reappears.
12. Enter the order number and click **Go** to track the performance status.
After the G-Invoicing application receives and accepts the deferred performance,

the status changes and the performance header number is displayed after acknowledgement from the federal G-Invoicing application.

13. Click Submit.

When performance is submitted, it triggers the *PRC: Submit Intragovernmental Performance* program in the background. This runs the *MGT: Push Performance XML Generation* program and then the interface program to G-Invoicing, the *Intragovernmental Performance* program. Performances are collected, and for each performance a child process is run.

You can query the order number in the **View Performance Obligation** page. The status updated to Success and the performance header number and performance detail number are generated after the performance is submitted successfully.

14. You can track the performance list submitted in the federal G-Invoicing application by clicking the Requesting Agency tab, then Options, and then Performance List.

15. Navigate to Projects Super User, Federal responsibility, and then click Billing, then Review Revenue, and then Open to view the unbilled receivables and unearned revenue.

16. Click Lines to view the revenue line details at the line level.

Using Delivery Performance

You can send progress generated at the performance obligation line (order line schedule) as delivery performance to the federal G-Invoicing application.

Invoices generated against each performance obligation line are mapped to delivery performance. This performance indicates the progress of an order and initiates financial transactions to and from the federal G-Invoicing application.

The servicing agency initiates the submission of performance and pushes it to the federal G-Invoicing application, where it is then pulled by the requesting agency. How acceptance of performance is tracked depends on the FOB point.

High-Level Flow for Delivery Performance

Delivery performance has the following overall flow:

1. Incur actual transactions, such as expenditures or events.
2. Generate revenue.
3. Generate progress at the performance obligation lines using the revenue distribution line.
4. Include summaries of progress at the header and agreement levels.

5. Generate draft invoices.
6. Interface invoices to Oracle Receivables.
7. Apply advance receipts. This step is optional and applicable only for projects that service advance-enabled orders. For projects that service orders that are not advance enabled, you can submit the deferred and delivery performances.
8. Run the *PRC: Tieback Invoices from Receivables* concurrent program.
9. Create acceptance in Oracle Receivables.
10. View performance.
11. Update additional attributes on the **Submit Delivery Performance** page.
12. Submit delivery performance.
13. Receive acceptance from the federal G-Invoicing application.
14. Adjust invoices, if needed.

Generating Delivery Performance

To generate delivery performance, complete the following steps:

1. To generate a draft invoice, submit the *PRC: Generate Draft Invoice for a Single Project* concurrent program.
2. Select **Invoice Review**.
3. Query the project number.
4. Approve and save.
5. Release the invoice and save.
6. Run the *PRC: Interface Invoice to Receivables* concurrent program.
7. Run the *Autoinvoice Import Program*.
8. Run the *PRC: Tieback Invoices from Receivables* concurrent program, which creates the delivery performance.
9. Navigate back to the **Performance Obligation** window.
10. Select the performance lines.

11. Select **Submit Delivery Performance** and click **Go**.

The **Submit Delivery Performance** page appears.

Submitting Delivery Performance

The **Submit Delivery Performance** page appears. Oracle Projects generates delivery performance transaction lines.

1. In the **Header** region, the preparer details are defaulted from the previously specified values. If the default value is not set up, then enter the preparer's name, phone number, and email address.
2. In the **Date** field, enter a performance date between the order start and end dates.
3. Select the accounting period that is open. The list of values lists all the periods that are open in that accounting period.
4. The **Transaction** region includes the following fields:

Column	Description
Draft Invoice Number	Displays the invoice number assigned
Draft Invoice Line	Indicates the invoice line number
Transaction Source	Displays the source of the transaction, such as an expenditure or an event
Order Number	Indicates the unique number assigned to the selected order
Order Line Schedule Number	Indicates the line number of the order line schedule that is being used
Unit of Measure	Displays the selected UOM
Performance Quantity	Indicates the quantity the delivery performance is to be submitted for
Performance Indicator	Indicates whether the performance is Partial Performance or Final Performance. You can choose one of the two options.
Attachment	Lets you add attachments

5. Submit the **Performance**.

You are taken back to the **View Performance History** page.

6. Query the order number and click **Go**.

Transaction displays the deferred performance and delivery performances submitted. If there are multiple delivery lines for a single schedule line, then it is reported in a separate XML file.

When the performance is submitted, it triggers the *PRC: Submit Intragovernmental Performance* concurrent program in the background. This program runs the *MGT: Push Performance XML Generation* and the interface program to G-Invoicing, the *Intragovernmental Performance* program. Performances are collected and Oracle Projects runs a child process for each performance.

You can query the order number in the **View Performance Obligation** page. The status is updated to Success, and the performance header number and performance detail number are generated dynamically after the performance is submitted successfully.

Once delivery performance is submitted, the delivery performance lines are deleted.

If submission of performance lines fails, the **Status** field on the **View Performance History** page displays Failure for the failed performances. The reason is displayed in the **Reason** field. You can resubmit the failed performance in the subsequent performance interface program runs.

Reverse Deferred Performance During Delivery Performance

Oracle Projects calculates the latest deferred performance when generating the delivery performance. When a delivery performance is submitted, Oracle Projects submits the latest deferred performance and then the delivery performance consecutively. The deferred performance is also recalculated.

Oracle Projects verifies that the performance date is in the current accounting period and recalculates deferred performance.

Order Modification and Incremental Performance Load

To modify an order after you have submitted performance, complete the following steps:

1. Modify the order and submit it for approval.
 - Navigate to the federal G-Invoicing page.
 - Query the order for which you submitted performance.
 - Click **Modify**.

- Modify the quantity.
- Note:** You cannot modify the unit cost of an item after performance is submitted.
- Click **Update Draft**.
 - Click **Submit for Requesting Approval**.
2. Obtain approval from the requesting agency. Enter required parameters and click **Requesting Agency Approve**.
 3. Run the *Intragovernmental Orders Interface Program* concurrent program to pull the orders into Oracle Projects.
 4. Run the *Projects G-Invoicing ECC Data Load* concurrent program.
 5. On the **Home** page, select the *Projects Super User* responsibility.
 6. Click **Projects Command Center**, then click **G-Invoicing**.
 7. Scroll to the **GT&C** and **Orders** region.
 8. Click the **Orders** tab and select the **Order** option.
 9. Click the **Actions (...)** menu and select the **Order Modification Uptake**.
Order modification uptake is completed.
 10. Select the **View Performance Obligation** icon in the **Orders** tab.
The **Performance Obligation** page appears.
 11. Click the **Update** on the top right to uptake the modification.
 12. Associate the top task and TAS with the new order line schedule.
 13. Click the G-Invoicing Dashboard icon to return to the **Home** page.
 14. Select **Update Agreement** from the **Orders** tab to create and approve the agreement.
 15. Select **Additional Agreement Attributes** from the **Actions** menu and click **Go**.
 16. Modify any servicing agency attributes that you want to change.
 17. Click **Apply** and then **Submit**.

18. Log in and approve the agreement.
19. Run the Projects ECC G-Invoicing incremental data load.
20. Query the order in the federal G-Invoicing application and check the status to ensure that it is Open.
21. Incur events or expenditures.
22. To submit deferred performance, you must first generate revenue and approve it.
 - Run the *PRC: Generate Draft Revenue for a Single Project* concurrent program.
 - Review the revenue by clicking **Review Revenue**.
 - Click **Release** in the Review Summary window to release the revenue.
 - Click **Save**.
23. Run the *PRC Generate Revenue Accounting Event* concurrent program, which generates the deferred performance lines.
24. Return to the G-Invoicing dashboard. (From the **Home** page, select the *Projects Super User* responsibility. Click **Projects Command Center**, and then **G-Invoicing**.)
25. Query the order.
26. Select **View Performance Obligation** by scrolling down and selecting the **Orders** tab.
27. Select the performance obligation lines.
28. Select **Submit Deferred Performance** from the list and click **Go**.
The **Submit Deferred Performance** page reflects the modified quantity.
29. Enter the header details.
30. Select **Partial Performance**.
31. Click **Submit**.
32. Query the order and click **Go**.
The status changes to Submitted.
33. Generate the invoice by submitting the *PRC: Generate Draft Invoice for a Single Project* concurrent program.

34. Select **Invoice Review**.
35. Query the project number.
36. Approve and save.
37. Release the invoice and save.
38. Run the *PRC: Interface Invoice to Receivables* concurrent program.
39. Run the *Autoinvoice Import Program*.
40. Run the *PRC: Tieback Invoices from Receivables* concurrent program, which creates the delivery performance.
41. Navigate back to the **Performance Obligation** page.
42. Select the performance lines.
43. Select the **Submit Deferred Performance** and click **Go**
The **Submit Delivery Performance** page displays the delivered performance.
44. Transaction displays the delivery performance and delivery performances submitted. If there are multiple delivery lines for a single schedule line, then a separate XML file is generated.
45. Query the order number and click **Go**.
46. Select the performance lines.
47. Select **Submit Deferred Performance** and click **Go**.
48. The **Submit Delivery Performance** page appears.
The performance quantity is displayed as the Unit Price/Quantity.
49. Enter the required parameters in the header.
50. Select **Partial Performance** as the performance indicator.
The **View Performance History** page appears.
51. Click **Submit**.
52. Query the order number and click **Go**.
The delivery performance line shows as submitted.
53. To view unbilled and unearned revenue, return to the **Home** page and in the

Projects Super User responsibility click **Billing**, then **Review Revenue**, and then **Open**.

54. Click **Lines** to view revenue details at the line level.

55. Query the order number and click **Go**.

The status changes to Success after the delivery performance is successfully transferred to the federal G-Invoicing application.

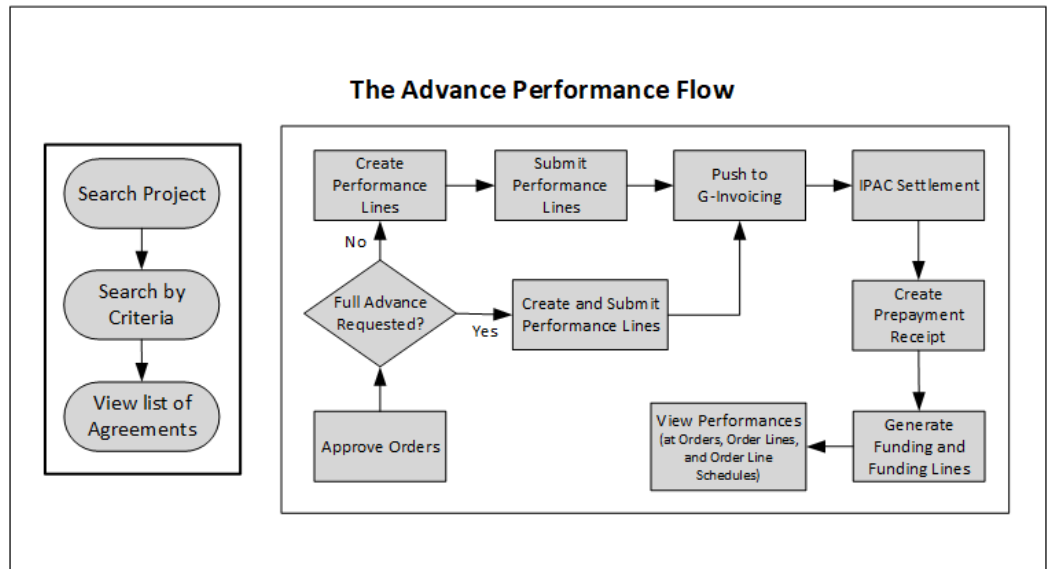
Using Advance Performance

You can submit advance performances only for advance enabled orders. For advance enabled orders, all order line schedules are also advance enabled. The delivery progress is reported through to funding, and funding is calculated based on applied receipts. The cost budgets cannot exceed the funding value. To submit advance performances, you capture advance payments from accounts receivable receipts against each performance obligation line, generate the advance performances, and acknowledge the performance by sending them back to the requesting agency through the federal G-Invoicing application.

Anytime an advance receipt is available for a project or order, it is successfully accepted in accounts receivable. You can submit partial or full advance performances. When you request a full advance, Oracle Projects submits the performance automatically and you can view the transaction details on the **Performance History** page. You can also submit adjustments against the advance performance.

High Level Flow for Advance Performance

The following diagram shows the overall advance performance flow.



The advance performance submission process involves both automatic and manual steps.

To begin, perform the following steps:

1. Make sure that the order is approved.
2. On the **Performance Obligation** page, select the order line schedule for which you want to submit advance performance.
3. Select the type of advance performance that you want to submit:

Full Advance: for a full advance, click **Submit**. Oracle Projects automatically creates and submits performance lines, displays the submission details on the **Performance History** page, and pushes the performance to the federal G-Invoicing application.

Partial Advance: for a partial advance, perform the following steps:

- Select the performance obligation order lines schedules.
 - Enter the quantity for the advance performance.
 - Click **Submit**. Oracle Projects pushes the performance to G-Invoicing.
4. **Request Partial Advance (Select Performance Obligation Lines):**
 - When you select Request Partial Advance, select the performance obligation order line schedules. You must perform this manually.
 - **Submit Advance Performance:** Enter the quantity for advance performance

and click **Submit**. This is a manual step.

- Oracle Projects initiates the *Intragovernmental Performance Interface* concurrent program and pushes performances to the federal G-Invoicing application.

For both full and partial advance performances, the remaining steps in the process are automatic.

1. IPAC Settlement captures settlements done by intragovernmental payments and collections (IPAC) for all performance types.
2. The pull performance program creates accounts receivable receipts, applies them against the order line schedule as prepayment, and generates funding for the project.

To request a partial or full advance, select the order line schedule and choose Submit Partial Advance or Full Advance. If a partial quantity is already submitted for advance, then Oracle Projects calculates the balance advance and submits the advance performance.

On the **Performance Obligation** page, you identify order line schedules against which advances must be submitted and then request a partial advance. On the **Submit Advance Performance** page, enter the advance quantity against the order line schedule and submit the advance. The performance quantity must not exceed the balance quantity. The balance quantity is calculated as:

(Balance Quantity = Total Order Line Schedule Quantity - Total Submitted Advance Performance Quantity)

Creating Revenue Budget Manually

To manually create and manage revenue budget, set the personal profile option *PA: Manage Revenue Budget Manually* to Yes.

1. From the **Home** page, select the *System Administrator* responsibility.
2. Select **Profile**, then **Personal**.
3. Click **View** and then **Find**.
4. Query for the profile option *PA: Manage Revenue Budget Manually*.
5. Set the value to **Yes**.

Pushing Budget to G-Invoicing after Revenue Budget is Baseline

The profile option *Confirm Funds Availability upon Revenue Budget Baseline* enables you to manually baseline the revenue budget. If you set the profile option value to Yes, then you baseline the revenue budget and the system automatically marks the agreement with available funds. After the budget is baselined, it is then automatically pushed to

the federal G-Invoicing application. If the profile option value is set to No, then the agency must manually confirm the funds availability.

Submitting Advance Performance (Partial)

When you select **Request Partial Advance** and click **Go**, the **Submit Advance Performance** page appears.

In the **Submit Advance Performance** page, enter the following details:

1. In the **Header** region, the preparer details are defaulted from the previously specified values. If the default value is not set up, then enter the preparer's name, phone number, and email address.
2. In the **Date** field, enter a performance date between the order start and end dates.
3. Select the accounting period that is open. The list of values lists all the periods that are open in that accounting period.
4. The **Transaction** region includes the following fields:

Column	Description
Draft Invoice Number	Displays the invoice number assigned
Draft Invoice Line	Indicates the invoice line number
Transaction Source	Displays the source of the transaction, such as an expenditure or an event
Order Number	Indicates the unique number assigned to the selected order
Order Line Schedule Number	Indicates the line number of the order line schedule that is being used
Unit of Measure	Displays the selected UOM
Performance Quantity	Indicates the quantity the delivery performance is to be submitted for
Performance Indicator	Indicates whether the performance is Partial Performance or Final Performance. You can choose one of the two options.

Attachment	Lets you add attachments
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5. Click **Submit**.

The **View Performance History** page appears.

6. Refresh until the status changes to Success and the performance header number is assigned.

7. Log in to the federal G-Invoicing application.

8. Query the order and click **Options**, and then **Performance List**.

9. Select the **Servicing Agency Performance List** details.

The performance number is displayed as the **Performance Header Number** on the **View Performance History** page in the **G-Invoicing** dashboard.

You can verify that the attachments have been interfaced to the servicing agency by clicking **Options**, and then **Attachment**.

Submitting Adjustment Performance

You can submit adjustments to advance performance for the selected performance obligation lines.

To submit an adjustment against an advance performance, you must enter a negative quantity, description, and original performance reference number for the selected order lines along with the preparer details for that accounting period.

The **View Performance History** page displays the transaction details and status.

Once the IPAC settlement is complete, the *Pull Performance* program creates prepayment receipts, applies them to the order line schedules, and automatically generates funding for the project. For a refund or adjustment transaction, the pull performance removes the receipt amount and reduces the funding amount from the originally applied receipts. The amount of the negative advance performance must be lesser than or equal to the delivered advance quantity.

If submission of adjustment performance fails, then you can delete the transactions or resubmit them in the next performance run from the **View Performance History** page.

To submit an adjustment performance, do the following:

1. In the **Performance Obligation** page, select the **Refund Advance** option and click **Go**.
2. The **Submit Adjustment Performance** page appears.

3. (Conditional) In the **Header** region, the preparer details are defaulted from the previously specified values. If the default value is not set up, then enter the preparer's name, phone number, and email address.
4. In the **Date** field, enter a performance date between the order start and end dates.
5. Select the accounting period that is open. The list of values lists all the periods that are open.
6. The **Transaction** region includes the following fields:

Column	Description
Draft Invoice Number	Displays the invoice number assigned.
Draft Invoice Line	Indicates the invoice line number.
Transaction Source	Displays the source of the transaction, such as an expenditure or an event.
Order Number	Indicates the unique number assigned to the selected order.
Order Line Schedule Number	Indicates the line number of the order line schedule that is being used.
Unit of Measure	Displays the selected UOM.
Quantity	Indicates the quantity the delivery performance is to be submitted for. This must be a negative quantity.
Total Advance Performance Quantity	Indicates the total advance performance quantity that was already submitted.
Transaction Price	Indicates the unit price derived from the order line schedule.
Adjust Quantity	Enter the quantity the adjustment is being submitted for. This is a mandatory field.
Adjust Amount	Displays the total price of the adjustment quantity. The adjustment amount is derived from the adjustment quantity you enter and the unit price.

Reference Performance	Indicates the adjustment reference number. This is a mandatory field.
Reference Quantity	Indicates the reference quantity.
Description	Indicates the description.
Performance Indicator	Indicate whether the performance is partial or final.
Attachment	Add attachments if needed.

7. Select an attachment and click Apply. The attachment is added.
8. Submit the adjustment.

The **View Performance History** page appears. You can view the adjustment advance performance transaction details.

Adjustments to Advance Enabled Orders

Federal agencies issue advances to clients and in some cases, the agencies need to adjust such advances. When an adjustment to an advance is created, a credit memo is issued against the adjustment that are either matched credits or unmatched credits against the invoice.

After the negative delivery performance or credit memo is submitted and processed, the servicing agency receives a confirmation with the delivery performance number from federal G Invoicing. The automation process is initiated to adjust a negative invoice or credit memo appropriately with the receipt.

Receipt information for the credit memo or negative invoice is received as the reference performance.

- To submit a standalone negative performance, the servicing agency must associate this with the original transaction Number or reference performance manually.
- For a credit memo, the system automatically associates the credit transaction with the original transaction for which the credit is generated for the original delivery performance in EBS.

For an advance-enabled orders, Oracle EBS G-Invoicing solution provides an ability to process credit memos (matched credits) and negative invoices (unmatched credits) apply it correctly to the receipt and update the prepayment balances appropriately. This solution addresses the prepayment balances issue at the time of settlement.

Credit Memos Applied to Prepayments

The credit memo matched for an advance order is interfaced with Receivables. The Autoinvoice Import program is run to match the credit memo with an invoice. The outstanding balance of the invoice is reduced to the updated credit. When an adjustment to the advance performance is submitted, the credit memo is applied to the invoice completely and the receipt is displayed with the remaining outstanding balance of the invoice.

If the prepayment invoice line is not available, then a new line is created with the value of the credit memo.

Negative Invoices applied to prepayments

For an advanced-enabled order, when the adjustment is created with an unmatched invoice, the system applies the negative invoice to a receipt correctly and updates the prepayment balance with the negative amount.

Assumptions

- If an invoice is settled, then the amount is completely settled. Partial settlement is not supported .
- Credit memo is created against a settled transaction or accepted credit transaction from the requesting side. When a credit is applied to an invoice, it is assumed that the advance amount increases, and the agency must create credit memos to complete the credit processing in federal G Invoicing.
- For an advance-enabled order, agencies cannot create a refund. The agency can only create an advance adjustment.
- The Over-Application option must be set to Yes for the Invoice Source in Oracle Receivables. (**Navigation:** Click **Receivables**, then **Setup**, then **Transactions**, and then **Transaction Types**).

Reprocess Receipt

In the **View Performance History** page, a **Reprocess Receipt** option is included. If a transaction has errors during processing, then the agency can click **Reprocess Receipts** to resubmit the process.

Using Deferred Performance

For each performance obligation line, revenue generated is mapped to a deferred performance. You can progress generated at the performance obligation line (order line schedule) as deferred performance to G-Invoicing. The requesting agency pulls the updated order information from G-Invoicing, but this has no impact on the financial transaction with respect to G-Invoicing. You can edit attributes and select attachments.

Impact on Accounting

Contract asset (CA) and contract liability (CL) and unbilled receivable (UBR) and unearned revenue (UER) balances are maintained at the project level. For revenue generation, the UBR and UER accounting is run instead of CA and CL accounting. The performance obligation ID and number are passed to revenue and invoice programs as auto-accounting parameters for all accounting events.

High Level Flow for Deferred Performance

Before you can submit deferred performance for a project, you must complete the following high-level steps:

1. Search for projects.
2. Incur actual transactions, such as expenditure or events.
3. Generate revenue and revenue accounting events.
4. Generate progress at the performance obligation lines using the revenue distribution line. See "Generating Deferred Performance.", page 6-61
5. Update additional attributes on the **Submit Deferred Performance** page.
6. Submit deferred performance.
7. Performances are pushed to the federal G-Invoicing application.

Generating Deferred Performance

Before you submit deferred performance, the order must be approved by the requesting agency.

1. Run the *Intragovernmental Orders Interface Program* to pull approved orders into Oracle Projects.
2. Run the Projects G-Invoicing ECC Data Load program.
3. With the *Projects Super User* responsibility, navigate to the G-Invoicing dashboard.
4. Search for the order.
5. Scroll down to the **Header** component and click **Orders** in the **GT&C Order** region.
6. Click the **Create Project** icon. The **Create Project: Select Source** page appears.
7. Search for the template that you want to use to create a project.

8. Click **Continue**. The **Create Project: Details** page appears.
9. Enter information in the required fields. These depend on how the Quick Entry fields are configured, but may include **Project Number, Project Name, Project Start Date** and **Project End Date**.
10. Click **Finish**. The **Processing: Creating Project** page appears. Wait for the request to be processed.
11. Navigate to the **Performance Obligation** page.
12. Select the performance obligation.
13. Scroll down to the performance obligation lines.
14. Select or enter the top task number.
15. Select or enter the TAS value.
16. Click **Save** and then **Continue**.
17. Repeat Steps 14 through 17 for all the other performance obligation and performance obligation lines.
18. Click the **G-Invoicing Dashboard** icon on the top of the page to navigate back to the dashboard.
19. Click the **Update Agreement** icon in the **Order** region. The **Update Agreement** page appears.
20. Enter the billing frequency value. If you select **Others**, then you must provide an explanation.
21. Select **Additional Agreement Attributes** from the Actions menu and click **Go**.
22. Enter servicing agency details in the **Funding Approval, Program Approval**, and **Preparer Information** regions.
23. Click **Apply** to submit the agreement for approval.
24. Log in as the approver and approve the agreement.
25. Navigate to the federal G-Invoicing application.
26. Query the order and check the order Status.
27. Run the ECC Incremental Data Load.

28. Navigate to the **Projects G-Invoicing** dashboard by clicking the *Projects Super User, US Federal* responsibility, and then click **Projects Command Center**, and then **G-Invoicing**.
29. Navigate to **Expenditure** and create actual expenditure task of specified quantity for a few tasks.
30. (Conditional) For work-based revenue, submit and release the expenditure batches.
31. Run the applicable cost distribution programs, such as the PRC: Distribute Labor Cost distribution.
32. (Conditional) If you are using event-based revenue, then you must create an event for a task. If you are not using event-based revenue, then this step is optional.
33. To submit deferred performance, you must first generate revenue and approve it.
 - Run the **PRC: Generate Draft Revenue for a Single Project**.
 - Review the revenue by using the Review Revenue option.
 - Click **Release** on the Review Summary window to release the revenue.
 - Click **Save**.
34. Run the PRC: Generate Revenue Accounting Event, which generates the deferred performance lines. Each performance line maps to one order line schedule.

Submitting Deferred Performance

1. Navigate to the **Projects G-Invoicing** dashboard by clicking the *Projects Super User, US Federal* responsibility, and then click the **Projects Command Center**, and then **G-Invoicing**.
2. Query the order.
3. Select **View Performance Obligation** by scrolling down and selecting the **Orders** tab.
4. Select the performance obligation lines.
5. Select **Submit Deferred Performance** from the list and click **Go**.
6. The **Submit Deferred Performance** page appears.
7. In the **Header** region, the preparer details are defaulted from the previously specified values. If default values do not appear, then enter the preparer's name,

phone number, and email address.

8. In the **Date** field, enter a performance date between the order start and end dates.
9. Select the accounting period that is open. The list of values lists all the periods that are open in that accounting period.
10. The **Transaction** table displays the following columns:

Column	Description
Order Number	Indicates the unique number assigned to the selected order.
Order Line Number	Indicates the line number of the order used.
Order Line Schedule Number	Indicates the line number of the order used.
Unit of Measure	Displays the selected UOM.
Performance Quantity	Displays the quantity the performance can be submitted for.
Performance Indicator	Indicates whether the performance is Partial Performance or Final Performance. You can choose one of the two options.
Attachment	Lets you add attachments.

11. Click **Submit**. The **View Performance Obligation** page reappears.
12. Enter the order number and click **Go** to track the performance status.

After the G-Invoicing application receives and accepts the deferred performance, the status changes and the performance header number is displayed after acknowledgement from the federal G-Invoicing application.

13. Click **Submit**.

When performance is submitted, it triggers the *PRC: Submit Intragovernmental Performance* program in the background. This runs the *MGT: Push Performance XML Generation* program and then the interface program to G-Invoicing, the *Intragovernmental Performance* program. Performances are collected, and for each performance a child process is run.

You can query the order number in the **View Performance Obligation** page. The status updated to Success and the performance header number and performance detail number are generated after the performance is submitted successfully.

14. You can track the performance list submitted in the federal G-Invoicing application by clicking the **Requesting Agency** tab, then **Options**, and then **Performance List**.
15. Navigate to *Projects Super User, Federal* responsibility, and then click **Billing**, then **Review Revenue**, and then **Open** to view the unbilled receivables and unearned revenue.
16. Click **Lines** to view the revenue line details at the line level.

Using Delivery Performance

You can send progress generated at the performance obligation line (order line schedule) as delivery performance to the federal G-Invoicing application.

Invoices generated against each performance obligation line are mapped to delivery performance. This performance indicates the progress of an order and initiates financial transactions to and from the federal G-Invoicing application.

The servicing agency initiates the submission of performance and pushes it to the federal G-Invoicing application, where it is then pulled by the requesting agency. How acceptance of performance is tracked depends on the FOB point.

High-Level Flow for Delivery Performance

Delivery performance has the following overall flow:

1. Incur actual transactions, such as expenditures or events.
2. Generate revenue.
3. Generate progress at the performance obligation lines using the revenue distribution line.
4. Include summaries of progress at the header and agreement levels.
5. Generate draft invoices.
6. Interface invoices to Oracle Receivables.
7. Apply advance receipts. This step is optional and applicable only for projects that service advance-enabled orders. For projects that service orders that are not advance enabled, you can submit the deferred and delivery performances.
8. Run the *PRC: Tieback Invoices from Receivables* concurrent program.
9. Create acceptance in Oracle Receivables.
10. View performance.

11. Update additional attributes on the **Submit Delivery Performance** page.
12. Submit delivery performance.
13. Receive acceptance from the federal G-Invoicing application.
14. Adjust invoices, if needed.

Generating Delivery Performance

To generate delivery performance, complete the following steps:

1. To generate a draft invoice, submit the *PRC: Generate Draft Invoice for a Single Project* concurrent program.
2. Select **Invoice Review**.
3. Query the project number.
4. Approve and save.
5. Release the invoice and save.
6. Run the *PRC: Interface Invoice to Receivables* concurrent program.
7. Run the *Autoinvoice Import Program*.
8. Run the *PRC: Tieback Invoices from Receivables* concurrent program, which creates the delivery performance.
9. Navigate back to the **Performance Obligation** window.
10. Select the performance lines.
11. Select **Submit Delivery Performance** and click **Go**.

The **Submit Delivery Performance** page appears.

Submitting Delivery Performance

The **Submit Delivery Performance** page appears. Oracle Projects generates delivery performance transaction lines.

1. In the **Header** region, the preparer details are defaulted from the previously specified values. If the default value is not set up, then enter the preparer's name, phone number, and email address.
2. In the **Date** field, enter a performance date between the order start and end dates.

3. Select the accounting period that is open. The list of values lists all the periods that are open in that accounting period.
4. The **Transaction** region includes the following fields:

Column	Description
Draft Invoice Number	Displays the invoice number assigned
Draft Invoice Line	Indicates the invoice line number
Transaction Source	Displays the source of the transaction, such as an expenditure or an event
Order Number	Indicates the unique number assigned to the selected order
Order Line Schedule Number	Indicates the line number of the order line schedule that is being used
Unit of Measure	Displays the selected UOM
Performance Quantity	Indicates the quantity the delivery performance is to be submitted for
Performance Indicator	Indicates whether the performance is Partial Performance or Final Performance. You can choose one of the two options.
Attachment	Lets you add attachments

5. Submit the **Performance**.

You are taken back to the **View Performance History** page.

6. Query the order number and click **Go**.

Transaction displays the deferred performance and delivery performances submitted. If there are multiple delivery lines for a single schedule line, then it is reported in a separate XML file.

When the performance is submitted, it triggers the *PRC: Submit Intragovernmental Performance* concurrent program in the background. This program runs the *MGT: Push Performance XML Generation* and the interface program to G-Invoicing, the *Intragovernmental Performance* program. Performances are collected and Oracle

Projects runs a child process for each performance.

You can query the order number in the **View Performance Obligation** page. The status is updated to Success, and the performance header number and performance detail number are generated dynamically after the performance is submitted successfully.

Once delivery performance is submitted, the delivery performance lines are deleted.

If submission of performance lines fails, the **Status** field on the **View Performance History** page displays Failure for the failed performances. The reason is displayed in the **Reason** field. You can resubmit the failed performance in the subsequent performance interface program runs.

Reverse Deferred Performance During Delivery Performance

Oracle Projects calculates the latest deferred performance when generating the delivery performance. When a delivery performance is submitted, Oracle Projects submits the latest deferred performance and then the delivery performance consecutively. The deferred performance is also recalculated.

Oracle Projects verifies that the performance date is in the current accounting period and recalculates deferred performance.

Order Modification and Incremental Performance Load

To modify an order after you have submitted performance, complete the following steps:

1. Modify the order and submit it for approval.
 - Navigate to the federal G-Invoicing page.
 - Query the order for which you submitted performance.
 - Click **Modify**.
 - Modify the quantity.

Note: You cannot modify the unit cost of an item after performance is submitted.

- Click **Update Draft**.
 - Click **Submit for Requesting Approval**.
2. Obtain approval from the requesting agency. Enter required parameters and click **Requesting Agency Approve**.

3. Run the *Intragovernmental Orders Interface Program* concurrent program to pull the orders into Oracle Projects.
4. Run the *Projects G-Invoicing ECC Data Load* concurrent program.
5. On the **Home** page, select the *Projects Super User* responsibility.
6. Click **Projects Command Center**, then click **G-Invoicing**.
7. Scroll to the **GT&C** and **Orders** region.
8. Click the **Orders** tab and select the **Order** option.
9. Click the **Actions** (...) menu and select the **Order Modification Uptake**.
Order modification uptake is completed.
10. Select the **View Performance Obligation** icon in the **Orders** tab.
The **Performance Obligation** page appears.
11. Click the **Update** on the top right to uptake the modification.
12. Associate the top task and TAS with the new order line schedule.
13. Click the G-Invoicing Dashboard icon to return to the **Home** page.
14. Select **Update Agreement** from the **Orders** tab to create and approve the agreement.
15. Select **Additional Agreement Attributes** from the **Actions** menu and click **Go**.
16. Modify any servicing agency attributes that you want to change.
17. Click **Apply** and then **Submit**.
18. Log in and approve the agreement.
19. Run the Projects ECC G-Invoicing incremental data load.
20. Query the order in the federal G-Invoicing application and check the status to ensure that it is Open.
21. Incur events or expenditures.
22. To submit deferred performance, you must first generate revenue and approve it.
 - Run the *PRC: Generate Draft Revenue for a Single Project* concurrent program.

- Review the revenue by clicking **Review Revenue**.
 - Click **Release** in the Review Summary window to release the revenue.
 - Click **Save**.
23. Run the *PRC Generate Revenue Accounting Event* concurrent program, which generates the deferred performance lines.
 24. Return to the G-Invoicing dashboard. (From the **Home** page, select the *Projects Super User* responsibility. Click **Projects Command Center**, and then **G-Invoicing**.)
 25. Query the order.
 26. Select **View Performance Obligation** by scrolling down and selecting the **Orders** tab.
 27. Select the performance obligation lines.
 28. Select **Submit Deferred Performance** from the list and click **Go**.
The **Submit Deferred Performance** page reflects the modified quantity.
 29. Enter the header details.
 30. Select **Partial Performance**.
 31. Click **Submit**.
 32. Query the order and click **Go**.
The status changes to Submitted.
 33. Generate the invoice by submitting the *PRC: Generate Draft Invoice for a Single Project* concurrent program.
 34. Select **Invoice Review**.
 35. Query the project number.
 36. Approve and save.
 37. Release the invoice and save.
 38. Run the *PRC: Interface Invoice to Receivables* concurrent program.
 39. Run the *Autoinvoice Import Program*.
 40. Run the *PRC: Tieback Invoices from Receivables* concurrent program, which creates the

delivery performance.

41. Navigate back to the **Performance Obligation** page.
42. Select the performance lines.
43. Select the **Submit Deferred Performance** and click **Go**
The **Submit Delivery Performance** page displays the delivered performance.
44. Transaction displays the delivery performance and delivery performances submitted. If there are multiple delivery lines for a single schedule line, then a separate XML file is generated.
45. Query the order number and click **Go**.
46. Select the performance lines.
47. Select **Submit Deferred Performance** and click **Go**.
48. The **Submit Delivery Performance** page appears.
The performance quantity is displayed as the Unit Price/Quantity.
49. Enter the required parameters in the header.
50. Select **Partial Performance** as the performance indicator.
The **View Performance History** page appears.
51. Click **Submit**.
52. Query the order number and click **Go**.
The delivery performance line shows as submitted.
53. To view unbilled and unearned revenue, return to the **Home** page and in the *Projects Super User* responsibility click **Billing**, then **Review Revenue**, and then **Open**.
54. Click **Lines** to view revenue details at the line level.
55. Query the order number and click **Go**.
The status changes to Success after the delivery performance is successfully transferred to the federal G-Invoicing application.

Using Advance Performance

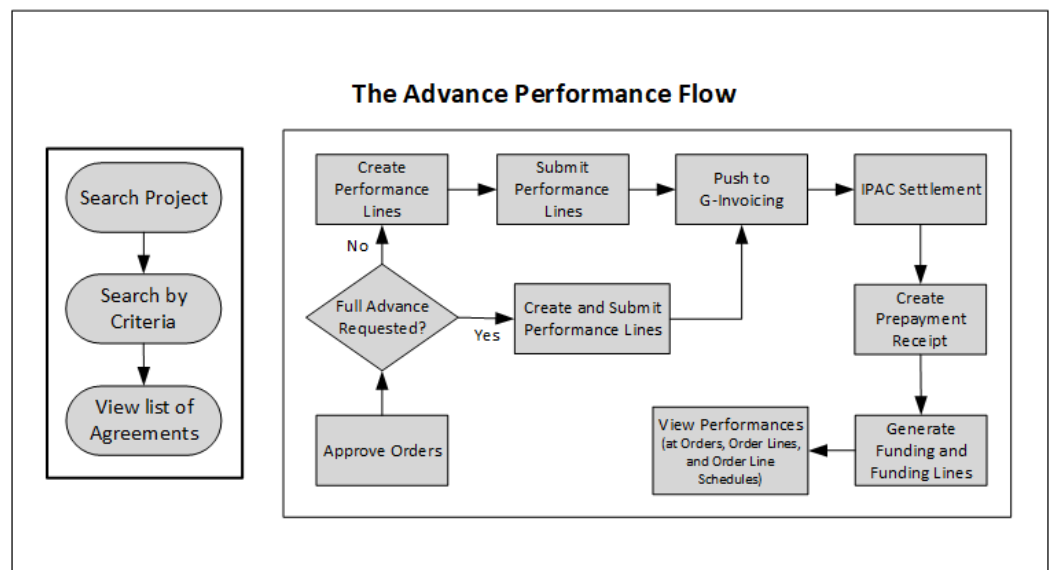
You can submit advance performances only for advance enabled orders. For advance

enabled orders, all order line schedules are also advance enabled. The delivery progress is reported through to funding, and funding is calculated based on applied receipts. The cost budgets cannot exceed the funding value. To submit advance performances, you capture advance payments from accounts receivable receipts against each performance obligation line, generate the advance performances, and acknowledge the performance by sending them back to the requesting agency through the federal G-Invoicing application.

Anytime an advance receipt is available for a project or order, it is successfully accepted in accounts receivable. You can submit partial or full advance performances. When you request a full advance, Oracle Projects submits the performance automatically and you can view the transaction details on the **Performance History** page. You can also submit adjustments against the advance performance.

High Level Flow for Advance Performance

The following diagram shows the overall advance performance flow.



The advance performance submission process involves both automatic and manual steps.

To begin, perform the following steps:

1. Make sure that the order is approved.
2. On the **Performance Obligation** page, select the order line schedule for which you want to submit advance performance.
3. Select the type of advance performance that you want to submit:

Full Advance: for a full advance, click **Submit**. Oracle Projects automatically creates and submits performance lines, displays the submission details on the **Performance History** page, and pushes the performance to the federal G-Invoicing application.

Partial Advance: for a partial advance, perform the following steps:

- Select the performance obligation order lines schedules.
- Enter the quantity for the advance performance.
- Click **Submit**. Oracle Projects pushes the performance to G-Invoicing.

4. Request Partial Advance (Select Performance Obligation Lines):

- When you select Request Partial Advance, select the performance obligation order line schedules. You must perform this manually.
- **Submit Advance Performance:** Enter the quantity for advance performance and click **Submit**. This is a manual step.
- Oracle Projects initiates the *Intragovernmental Performance Interface* concurrent program and pushes performances to the federal G-Invoicing application.

For both full and partial advance performances, the remaining steps in the process are automatic.

1. IPAC Settlement captures settlements done by intragovernmental payments and collections (IPAC) for all performance types.
2. The pull performance program creates accounts receivable receipts, applies them against the order line schedule as prepayment, and generates funding for the project.

To request a partial or full advance, select the order line schedule and choose Submit Partial Advance or Full Advance. If a partial quantity is already submitted for advance, then Oracle Projects calculates the balance advance and submits the advance performance.

On the **Performance Obligation** page, you identify order line schedules against which advances must be submitted and then request a partial advance. On the **Submit Advance Performance** page, enter the advance quantity against the order line schedule and submit the advance. The performance quantity must not exceed the balance quantity. The balance quantity is calculated as:

(Balance Quantity = Total Order Line Schedule Quantity - Total Submitted Advance Performance Quantity)

Creating Revenue Budget Manually

To manually create and manage revenue budget, set the personal profile option *PA*:

Manage Revenue Budget Manually to Yes.

1. From the **Home** page, select the *System Administrator* responsibility.
2. Select **Profile**, then **Personal**.
3. Click **View** and then **Find**.
4. Query for the profile option *PA: Manage Revenue Budget Manually*.
5. Set the value to **Yes**.

Pushing Budget to G-Invoicing after Revenue Budget is Baselined

The profile option *Confirm Funds Availability upon Revenue Budget Baseline* enables you to manually baseline the revenue budget. If you set the profile option value to Yes, then you baseline the revenue budget and the system automatically marks the agreement with available funds. After the budget is baselined, it is then automatically pushed to the federal G-Invoicing application. If the profile option value is set to No, then the agency must manually confirm the funds availability.

Submitting Advance Performance (Partial)

When you select **Request Partial Advance** and click **Go**, the **Submit Advance Performance** page appears.

In the **Submit Advance Performance** page, enter the following details:

1. In the **Header** region, the preparer details are defaulted from the previously specified values. If the default value is not set up, then enter the preparer's name, phone number, and email address.
2. In the **Date** field, enter a performance date between the order start and end dates.
3. Select the accounting period that is open. The list of values lists all the periods that are open in that accounting period.
4. The **Transaction** region includes the following fields:

Column	Description
Draft Invoice Number	Displays the invoice number assigned
Draft Invoice Line	Indicates the invoice line number

Transaction Source	Displays the source of the transaction, such as an expenditure or an event
Order Number	Indicates the unique number assigned to the selected order
Order Line Schedule Number	Indicates the line number of the order line schedule that is being used
Unit of Measure	Displays the selected UOM
Performance Quantity	Indicates the quantity the delivery performance is to be submitted for
Performance Indicator	Indicates whether the performance is Partial Performance or Final Performance. You can choose one of the two options.
Attachment	Lets you add attachments

5. Click **Submit**.

The **View Performance History** page appears.

6. Refresh until the status changes to Success and the performance header number is assigned.

7. Log in to the federal G-Invoicing application.

8. Query the order and click **Options**, and then **Performance List**.

9. Select the **Servicing Agency Performance List** details.

The performance number is displayed as the **Performance Header Number** on the **View Performance History** page in the **G-Invoicing** dashboard.

You can verify that the attachments have been interfaced to the servicing agency by clicking **Options**, and then **Attachment**.

Submitting Adjustment Performance

You can submit adjustments to advance performance for the selected performance obligation lines.

To submit an adjustment against an advance performance, you must enter a negative quantity, description, and original performance reference number for the selected order

lines along with the preparer details for that accounting period.

The **View Performance History** page displays the transaction details and status.

Once the IPAC settlement is complete, the *Pull Performance* program creates prepayment receipts, applies them to the order line schedules, and automatically generates funding for the project. For a refund or adjustment transaction, the pull performance removes the receipt amount and reduces the funding amount from the originally applied receipts. The amount of the negative advance performance must be lesser than or equal to the delivered advance quantity.

If submission of adjustment performance fails, then you can delete the transactions or resubmit them in the next performance run from the **View Performance History** page.

To submit an adjustment performance, do the following:

1. In the **Performance Obligation** page, select the **Refund Advance** option and click **Go**.
2. The **Submit Adjustment Performance** page appears.
3. (Conditional) In the **Header** region, the preparer details are defaulted from the previously specified values. If the default value is not set up, then enter the preparer's name, phone number, and email address.
4. In the **Date** field, enter a performance date between the order start and end dates.
5. Select the accounting period that is open. The list of values lists all the periods that are open.
6. The **Transaction** region includes the following fields:

Column	Description
Draft Invoice Number	Displays the invoice number assigned.
Draft Invoice Line	Indicates the invoice line number.
Transaction Source	Displays the source of the transaction, such as an expenditure or an event.
Order Number	Indicates the unique number assigned to the selected order.
Order Line Schedule Number	Indicates the line number of the order line schedule that is being used.

Unit of Measure	Displays the selected UOM.
Quantity	Indicates the quantity the delivery performance is to be submitted for. This must be a negative quantity.
Total Advance Performance Quantity	Indicates the total advance performance quantity that was already submitted.
Transaction Price	Indicates the unit price derived from the order line schedule.
Adjust Quantity	Enter the quantity the adjustment is being submitted for. This is a mandatory field.
Adjust Amount	Displays the total price of the adjustment quantity. The adjustment amount is derived from the adjustment quantity you enter and the unit price.
Reference Performance	Indicates the adjustment reference number. This is a mandatory field.
Reference Quantity	Indicates the reference quantity.
Description	Indicates the description.
Performance Indicator	Indicate whether the performance is partial or final.
Attachment	Add attachments if needed.

7. Select an attachment and click Apply. The attachment is added.

8. Submit the adjustment.

The **View Performance History** page appears. You can view the adjustment advance performance transaction details.

Adjustments to Advance Enabled Orders

Federal agencies issue advances to clients and in some cases, the agencies need to adjust such advances. When an adjustment to an advance is created, a credit memo is issued against the adjustment that are either matched credits or unmatched credits against the invoice.

After the negative delivery performance or credit memo is submitted and processed,

the servicing agency receives a confirmation with the delivery performance number from federal G Invoicing. The automation process is initiated to adjust a negative invoice or credit memo appropriately with the receipt.

Receipt information for the credit memo or negative invoice is received as the reference performance.

- To submit a standalone negative performance, the servicing agency must associate this with the original transaction Number or reference performance manually.
- For a credit memo, the system automatically associates the credit transaction with the original transaction for which the credit is generated for the original delivery performance in EBS.

For an advance-enabled orders, Oracle EBS G-Invoicing solution provides an ability to process credit memos (matched credits) and negative invoices (unmatched credits) apply it correctly to the receipt and update the prepayment balances appropriately. This solution addresses the prepayment balances issue at the time of settlement.

Credit Memos Applied to Prepayments

The credit memo matched for an advance order is interfaced with Receivables. The Autoinvoice Import program is run to match the credit memo with an invoice. The outstanding balance of the invoice is reduced to the updated credit. When an adjustment to the advance performance is submitted, the credit memo is applied to the invoice completely and the receipt is displayed with the remaining outstanding balance of the invoice.

If the prepayment invoice line is not available, then a new line is created with the value of the credit memo.

Negative Invoices applied to prepayments

For an advanced-enabled order, when the adjustment is created with an unmatched invoice, the system applies the negative invoice to a receipt correctly and updates the prepayment balance with the negative amount.

Assumptions

- If an invoice is settled, then the amount is completely settled. Partial settlement is not supported .
- Credit memo is created against a settled transaction or accepted credit transaction from the requesting side. When a credit is applied to an invoice, it is assumed that the advance amount increases, and the agency must create credit memos to complete the credit processing in federal G Invoicing.
- For an advance-enabled order, agencies cannot create a refund. The agency can only create an advance adjustment.

- The Over-Application option must be set to Yes for the Invoice Source in Oracle Receivables. (**Navigation:** Click **Receivables**, then **Setup**, then **Transactions**, and then **Transaction Types**).

Reprocess Receipt

In the **View Performance History** page, a **Reprocess Receipt** option is included. If a transaction has errors during processing, then the agency can click **Reprocess Receipts** to resubmit the process.

Using Refund Pay Group

You can use pay groups to check refunds created against delivery and advance payments.

The **G-Invoicing Setup** page includes a **Refund Pay Group** option. While creating the adjustment for a delivery or an advance payment, the system checks the refund pay group that has been set up at either the project level or the operating unit level. If the project level pay group is set up, then it takes precedence over the operating unit level pay group. Once the refund adjustment transaction is complete, you can view the pay group values at the payables invoice level.

Setting Up Refund Pay Group

To setup refund pay group, perform the following steps:

1. From the **Home** page, select the **Projects Super User, US Federal** responsibility.
2. Click **Projects: Setup** and then **G-Invoicing Setup**.

The **G-Invoicing Setup** page includes the **Refund Pay Group** option. This option is available at the operating unit and at the project level.

3. Set the Refund Pay Group.

You can set this option at both operating unit and project levels. After the first refund transaction is created, you can no longer change the selected value at the project level, but you can change it at the operating unit level. The system sends the pay group values to both receipts (Receivables) and invoices (Payables).

4. You can view the pay group details on receipts (**Navigation:** switch to the *Oracle Receivables* responsibility, select **Receipts**, and search by the receipt number). You can get the receipt number from the **View Performance History** page after the receipt is created.
5. Click **Apply** to view the amount applied and the receipts created.
6. Click the **Refund Attributes** button to view the refund pay group details.

The refund also creates a payable invoice. Get the invoice number by clicking **Refund Status** button on the **Receipts: Applications** page.

7. You can view the pay group details on invoices (Navigation: switch to the *Oracle Payables* responsibility, select **Invoices**, and query the invoice). The pay group details appear in the **Invoices** window.

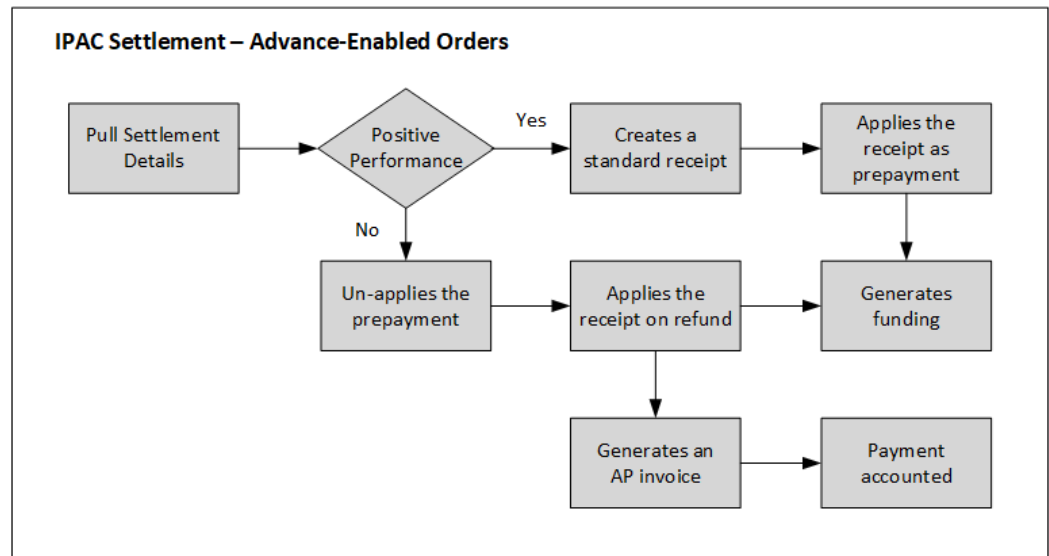
Intragovernmental Payment and Collection (IPAC) Settlement

Federal agencies use Intragovernmental Payments and Collections (IPAC) to transfer funds between agencies. The *Intragovernmental Performance Interface* pull program considers settlements performed by IPAC for all performance types.

IPAC Settlement For Advance-Enabled Orders

The following diagram shows the IPAC settlement flow for advance enabled orders:

IPAC Settlement in Advance Enabled Orders



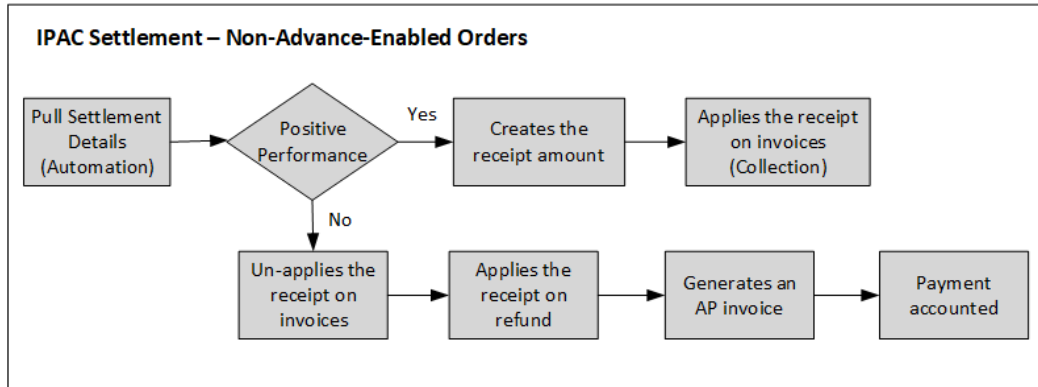
For advance enabled orders, the *Intragovernmental Performance Interface* concurrent program pulls the settlement information from the federal G-Invoicing application. This program automatically generates receipts for positive performance based on settlement amounts from IPAC. The program also applies receipts as prepayment. For advance settlement, the program automatically generates and baselines funding after applying the receipt on prepayments at the performance obligation levels.

If the performance is a negative transaction, then the pull program removes receipts in prepayments for the settled amount, and then creates a refund for the adjusted settled amount. An accounts payable invoice is generated automatically, and the payment is

accounted.

IPAC Settlement for Orders that Are Not Advance Enabled

The following diagram shows the IPAC settlement flow for orders that are not advance enabled:



For orders that are not advance enabled, the *Intragovernmental Performance Interface* concurrent program pulls the settlement information from the federal G-Invoicing application. The *Intragovernmental Performance Interface* pull program automatically generates receipts for positive performance based on the settlement amounts from IPAC. This program also creates receipts for these amounts and applies receipts to the invoice.

If the performance is a negative transaction, then the *Intragovernmental Performance Interface* pull program removes receipts for the settled amount. It then creates a refund for the adjusted settled amount. An accounts payable invoice is generated, and the payment is accounted.

IPAC Settlement Business Scenarios

These business scenarios illustrate how Oracle Projects handles the IPAC settlements in G-Invoicing.

Consider an order with the order, line, and schedule numbers as shown in the following table. The order line schedule is created for a quantity of 100, with a unit price of \$50. The Amount of \$5000 is the product of the schedule quantity and the unit price.

Order Number	Line Number	Schedule Number	Schedule Quantity	Unit Price	Amount
0123	1	1	100	\$50	\$5000

The subsequent tables illustrate how IPAC settlement is handled for each of the

performances and FOB points:

Note: In the subsequent tables, the use of alphabets D, R and A refer to Delivery, Return, and Advance.

Delivery Performance with FOB Source for Orders that are Not Advance Enabled

This table shows the IPAC settlement for delivery performance with the FOB point set to Source for orders that are not advance enabled.

Steps	Performance Number	Reference Performance Number	Performance Quantity	Invoice Value	Invoice Due	Receipt Applied	Refund Applied
Seller pushes delivery performance to the federal G-Invoicing application	D100		10 (D)	10	10	0	0
Performance initiates settlement in IPAC	D100		10 (D)	10	0	10	0
Buyer pulls the delivered performance from federal G-Invoicing	D100		10 (D)	10	0	10	0
Buyer pushes acknowledgement of receipt/acceptance to the federal G-Invoicing application	R100	D100	10 (R)	10	0	10	0
Seller pulls the acknowledgement receipt/acceptance from federal G-Invoicing	R100	D100	10 (R)	10	0	10	0

Steps	Performance Number	Reference Performance Number	Performance Quantity	Invoice Value	Invoice Due	Receipt Applied	Refund Applied
Buyer pushes refund receipt/acceptance adjustment with negative performance to the federal G-Invoicing application	R101	R100	-4 (R)	10	0	10	0
Seller pulls acknowledgement negative receipt/acceptance from federal G-Invoicing	R101	R100	-4 (R)	10	0	10	0
Seller pushes negative delivered/performed adjustment to the federal G-Invoicing application as a credit memo	D101	D100	-4 (D)	6	-4	10	0
Performance initiates settlement in IPAC	D101	D100	-4 (D)	6	0	6	4

Delivery Performance with FOB Destination for Orders that are Not Advance Enabled

This table displays the IPAC settlement for delivery performance with the FOB point set to Destination for orders that are not advanced enabled:

Steps	Performance Number	Reference Performance Number	Performance Quantity	Invoice Value	Invoice Due	Receipt Applied	Refund Applied
Seller pushes delivery performance to the federal G-Invoicing application	D100		10 (D)	10	10	0	0
Buyer pulls the delivered performance from federal G-Invoicing	R100		10 (D)	10	10	0	0
Buyer pushes acknowledgement of receipt/acceptance to the federal G-Invoicing application	R100	D100	10 (R)	10	10	0	0
Performance initiates settlement in IPAC	R100	D100	10 (R)	10	0	10	0
Seller pulls the acknowledgement receipt from federal G-Invoicing	R100	D100	10 (R)	10	0	10	0
Buyer pushes refund adjustment receipt/acceptance with negative performance to the federal G-Invoicing application	R101	R100	-4 (R)	10	0	10	0
Performance initiates settlement in IPAC	R101	R100	-4 (D)	10	4	6	4

Steps	Performance Number	Reference Performance Number	Performance Quantity	Invoice Value	Invoice Due	Receipt Applied	Refund Applied
Seller pulls acknowledgement negative receipt/acceptance from federal G-Invoicing	R101	R100	-4 (R)	10	4	6	4
Seller pushes negative delivered/performed adjustment to the federal G-Invoicing application as a credit memo	D101	D100	-4 (R)	6	0	6	4

Advance Performance

The following table displays the IPAC settlement for advance performance:

Note: In the subsequent tables, the use of alphabets D, R and A refer to Delivery, Return, and Advance.

Steps	Performance Number	Reference Performance Number	Performance Quantity	Prepayment Balance	Receipt Applied	Refund Applied
Seller pushes advance performance to the federal G-Invoicing application	A100		10 (A)	0	0	0
Performance initiates settlement in IPAC	A100		10 (A)	10	10	0
Buyer pulls advance performance from federal G-Invoicing	A100		10 (A)	10	10	0

Steps	Performance Number	Reference Performance Number	Performance Quantity	Prepayment Balance	Receipt Applied	Refund Applied
Seller pushes refund adjustment advance with negative performance to the federal G-Invoicing application	A101	A100	-4 (A)	10	10	0
Performance initiates settlement in IPAC	A101	A100	-4(D)	6	6	4
Buyer pulls acknowledgement negative advance performance from federal G-Invoicing	A101	A100	-4(R)	6	6	4

Delivery Performance for Advance Enabled Orders

This table displays the IPAC settlement for delivery performance for advance-enabled orders.

Steps	Performance Number	Performance Reference Number	Performance Quantity	Invoice Value	Invoice Due	Prepayment Balance	Receipt Applied	Refund Applied
Seller pushes advance performance to the federal G-Invoicing application and IPAC settlement	A100		10 (A)			10	10	0

Steps	Performance Number	Performance Reference Number	Performance Quantity	Invoice Value	Invoice Due	Prepayment Balance	Receipt Applied	Refund Applied
Seller pushes delivery performance to the federal G-Invoicing application	D100		5 (D)	5	0	5	10	0
Buyer pulls the delivered performance from federal G-Invoicing	D100		5 (D)	5	0	5	10	0
Buyer pushes acknowledgment of receipt/acceptance to the federal G-Invoicing application	R100		5 (R)	5	0	5	10	0
Seller pulls the acknowledgment receipt/acceptance from federal G-Invoicing	R100		5 (R)	5	0	5	10	0
Buyer pushes refund adjustment receipt/acceptance with negative performance to the federal G-Invoicing application	R101	R100	-2 (R)	5	0	5	10	0

Steps	Performance Number	Performance Reference Number	Performance Quantity	Invoice Value	Invoice Due	Prepayment Balance	Receipt Applied	Refund Applied
Seller pulls acknowledgment negative receipt/acceptance from federal G-Invoicing	R101	R100	-2 (R)	5	0	5	10	0
Seller pushes negative delivered/performed adjustment to the federal G-Invoicing application as a credit memo	D101	D100	-2 (D)	3	0	7	10	0

Viewing Receipts

When you submit an Advance Performance and run the intragovernmental performance interface program, the system generates receipts automatically for the selected order line schedule.

After the program is complete, you can view the generated receipts from the view performance history page.

Prerequisites

To view receipts, perform the following step:

- Select an order and submit the advance performance in part or full.
Oracle Projects submits one concurrent program for each advance performance line submitted. After the performance pull interface program is completed, it generates receipts automatically and updates view performance history page with details.

To view the receipts generated by the advance performance submission, perform the following steps:

1. Click the **G-Invoicing Dashboard** icon.

- In the Header region, select **Orders** tab, and then select the advance-enabled orders.
- Select the **View Performance Obligation** icon.
The **Performance Obligation** page displays.
- Select **View Performance History** page from the **Actions** drop down list and click **Go**.

The **View Performance History** page appears:

View Performance History Last Published Version

Personalize Query: (QueryRN)

Simple Search

Personalize: "Simple Search"
Personalize Default: Double Column: (region1)

Note that the search is case insensitive

Order Number: Order Line Number:
 Order Schedule Line Number: Submit Date:

Personalize Table: (ResultsRN)

Order Number	Order Line Number	Order Schedule Number	Performance Quantity	Performance Type	Invoice Number	Receipt Number	Preparer Name	Preparer Phone	Preparer Email	Accounting Period	Comments	Performance Header Number	Performance Detail Number	Reference Performance Number	Reference Performance Detail Number	Performance Status	Failure Reason
C2112-020-020-217515	1	2	5	Advance Performance		P2112-020-020-114437-2	Rockland, Mr. Theodore C.	7897897812	test@test.com	NOV/20-21	test DHQA	P2112-020-020-114437	2			Receipt success	
C2112-020-020-217515	1	1	10	Advance Performance		P2112-020-020-114437-4	Rockland, Mr. Theodore C.	7897897812	test@test.com	NOV/20-21	test DHQA	P2112-020-020-114437	1			Receipt success	
C2112-020-020-217515	1	1	13	Advance Performance		P2112-020-020-114438-4	Rockland, Mr. Theodore C.	7897897812	test@test.com	NOV/20-21		P2112-020-020-114438	1			Receipt success	

The **Receipt Number** field is populated for each order line schedule.

- Click the **Performance Obligations** tab on top of the page.
The **Performance Obligation** page appears.

Lines

Personalize "Lines"
Personalize "Performance Obligations"

Number	Agreement Number	Customer	Item Code	Item Description	Quantity	Unit Of Measure	Currency	Transaction Amount	Advance amount	Net Due Amount	Status	Capitalized Asset Indicator
1	AGM_00003323	Buying Agency 3	123	Goods	250	EA	USD	2,500.00			Active	False

Line Schedules

Personalize "Line Schedules"
Personalize "Lines"

Number	Description	Top Task Number	Quantity	Transaction Price	Transaction Amount	Progress Quantity	Progress Percentage	Additional Information	Requesting Agency TAS	Requesting Agency BETC	Servicing Agency TAS	Servicing Agency BETC	Schedule Status	Reimbursable Flag	Receipt Performance Obligation Number
1	1	Task1	150	10.00	1,500.00				020X5510	DISGF	020-20-1875	BETC	Active	Reimbursable	A2108-020-020-004683-C2112-020-020-217515-1-1
2	2	Task2	100	10.00	1,000.00				020X5510	DISGF	020-20-1875	BETC	Active	Reimbursable	A2108-020-020-004683-C2112-020-020-217515-1-2

This page includes **Receipt** field that displays the generated receipt details.

- Click the **Receipt** icon.
The **View Receipts** page appears that shows receipts applied against each order line schedule.

View Receipts Last Published Version

Personalize "View Receipts"

View Receipt

Order Number O2112-020-020-217515 Customer Name Buying Agency 3
 Order Line Number 1 Customer Number 20010004
 Order Line Schedule Number 1 Advance Amount 230

Personalize "Receipts"

Receipts

Personalize "Applied Receipts"

Applied Receipts

Receipt Number	Amount Applied	Receipt Method	Receipt Date	GL Date	Maturity Date	Receipt Type	Receipt Status
P2112-020-020-114439-1		100 Fed Std Method	03-Dec-2021	03-Dec-2021	03-Dec-2021	CASH	OTHER AGC
P2112-020-020-114437-1		100 Fed Std Method	03-Dec-2021	03-Dec-2021	03-Dec-2021	CASH	OTHER AGC

Refund Performance and Order Modification

On an approved order, a buyer can change the rate, quantity, add order lines, or cancel existing order lines, and modify delivery dates. The modified order is shared with the servicing agency, and Oracle Projects can pull these orders into EBS.

Before an order approval is initiated, a set of validations is run based on various performances recorded.

Attachments are used by the servicing agency to communicate key milestones that need to be captured between trading partners. You can push attachments with performances to the G-Invoicing application.

Order Modification Flow

1. Query an existing order.
2. Pull order modification with the shared with service (SSA) status.
3. Update eligible order attributes.
4. Initiate order approval.
5. If a performance exists, then the system validates quantity and cancellation status.
 1. If the validation check fails, then the order approval fails as well.
 1. The status displays rejected in the G-Invoicing application.
 2. You can adjust revenue and invoice.
 2. If the validation check passes, then the order is submitted for approval.
 1. The funding is baselined and performance obligation is published.
 2. The status in the federal G-Invoicing application changes to Open.

When accepting and approving order modification, Oracle Projects validates changes. If the cost and quantity changes, then they are validated against the original rate and

quantity. If the modified value is greater, then the order is rejected.

Admin Modifications

You can modify an order in an Administrative (Admin) mode when the order is in an open status. To modify orders in the Admin mode, perform the following:

1. Navigate to the **Federal G-Invoicing** application.
2. Query the order.
3. Click **Admin**.

You can modify fields as needed.

4. In the **Partner Information** tab, change values for order Tracking Number, unique entity ID and add comments.
5. In the **Billing** tab, change values for priority order indicator and capital planning and investment control.
6. In the **Point of Contact** tab, change values for requesting agency name, email address, phone and fax.
7. In the **Schedule Line** level, update attribute values including the schedule lines.
8. Click **Save**.
9. Run the *Intragovernmental Order Interface Program* to pull the modifications.
10. Run the *Projects G-Invoicing ECC Data Load* concurrent program as an incremental load.
11. Navigate to the **G-Invoicing** dashboard by clicking **Projects Super User**, then click **Projects Command Center**, and then the **G-Invoicing** dashboard.
12. In the **Orders** tab, select **View Performance Obligation**.
The **Performance Obligation** page appears.
13. You can click **Additional Attributes** and verify changes are reflected in EBS for each of the schedule lines.
14. Click the **G-Invoicing Dashboard** icon on the top of the page to navigate back to the G-Invoicing dashboard.
15. Select **Update Agreement** from the **Orders** tab.

The **Update Agreement** window appears. You can view changes you had made.

The **Other Attachment** region appears if the attachment was uploaded by servicing or requesting agency. The Attachment and the status changes to uploaded.

In the case of an advance-enabled order, if you create a receipt for an amount that is greater than the order amount specified, then an error displays when you submit the agreement. You must either reject the order or reduce the performance amount. You can cancel the receipt and apply another receipt with a lesser amount and resubmit the agreement for approval.

Only a requesting agency can close an IGT order.

Performing Admin Modifications in Oracle Projects

The Oracle EBS G-Invoicing solution provides you an ability to perform an Admin Modification on an IGT order with the Open status and push it to federal G-Invoicing without needing an approval. If an agency initiates an admin modification and before it is pushed to federal G-Invoicing, if the agency performs a normal modification, then it takes precedence over the admin modification. Similarly, in the case of a buyer-initiated order, if an admin modification is performed and pushed to federal G-Invoicing, and in the meantime, the requesting agency simultaneously performs a normal modification on the same order, then the normal modification takes precedence over the admin modification.

To perform an Admin Modification, perform the following steps:

1. From the **G-Invoicing** dashboard, select an IGT order with the open order status.
2. Click the three ellipses (Actions) at the end and then **Admin Modification**. The system initiates an admin modification. You can then modify the fields as described in the subsequent tables.
3. With the order still selected, click **Update Agreement** by clicking the three ellipses.
4. In the **Update Agreement** page and **Actions** menu, select **Additional Agreement Attributes** and click **Go**.
5. Enter values for the eligible attributes.
6. Click **Apply**.

To perform an Admin Modification for the performance obligation additional attributes, perform the following steps:

1. From the **G-Invoicing** dashboard, select the IGT order you started the admin modifications.
2. Click the three ellipses (Actions) at the end and select **View Performance Obligation**.

3. From the **Performance Obligations** page and **Actions** menu, click **Update** and **Go**.
4. In the **Line Schedules** region, click the **Additional Attribute** icon.
5. Enter values for the eligible attributes.
6. Click **Apply**.
7. After completing the admin modifications, from the G-Invoicing dashboard, select the IGT order you had just updated.
8. Click the three ellipses (Actions) at the end and select **Push Admin Modification**.

OR

1. Click the **Update Agreement** icon.
2. In the **Update Agreement** page and **Actions** menu, select **Push Admin Mod** and click **Go**. The changes from the admin modifications are pushed to federal G-Invoicing.

Once you initiate the admin modification you can edit the following attributes as shown in the table:

Editable Fields in Additional Attributes Page

Region	Function Area	Field Name	Editable in Admin Modification	Editable When Performance Exists
Agreement Additional Attributes	Partner Information	Servicing Comments	Editable	Editable
		Point Of Contact	Servicing Agency POC Email	Editable
		Servicing Agency POC Fax	Editable	Editable
		Servicing Agency POC Name	Editable	Editable

Region	Function Area	Field Name	Editable in Admin Modification	Editable When Performance Exists
		Servicing Agency POC Phone	Editable	Editable
Performance Obligation Additional Attributes	Schedule Funding Information	Servicing Agency Object Class Code	Editable	Not Editable
		Servicing Agency Additional Accounting Classification	Editable	Not Editable
	Standard Line of Accounting (SLOA) Information	Servicing Agency Federal Award Identification Number (FAIN)	Editable	Not Editable
		Servicing Agency Unique Record Identifier (URI)	Editable	Not Editable
		Servicing Agency Activity Address Code	Editable	Not Editable
		Servicing Agency Budget Line Item	Editable	Not Editable
		Servicing Agency Budget Fiscal Year	Editable	Not Editable
		Servicing Agency Security Cooperation	Editable	Not Editable

Region	Function Area	Field Name	Editable in Admin Modification	Editable When Performance Exists
		Servicing Agency Security Cooperation Implementing Agency Code	Editable	Not Editable
		Servicing Agency Sub-Allocation	Editable	Not Editable
		Servicing Agency Accounting Identifier	Editable	Not Editable
		Servicing Agency Funding Center Identifier	Editable	Not Editable
		Servicing Agency Cost Center Identifier	Editable	Not Editable
		Servicing Agency Cost Element Code	Editable	Not Editable
		Servicing Agency Work Order Number	Editable	Not Editable
		Servicing Agency Functional Area	Editable	Not Editable
		Servicing Agency Security Cooperation Case Designator	Editable	Not Editable

Region	Function Area	Field Name	Editable in Admin Modification	Editable When Performance Exists
		Servicing Agency Parent Award Identifier (PAID)	Editable	Not Editable
		Servicing Procurement Instrument Identifier (PIID)	Editable	Not Editable
		Servicing Security Cooperation Case Line Item Identifier	Editable	Not Editable
		Servicing Agency Disbursing Identifier Code	Editable	Not Editable
		Servicing Agency Accounting Classification Reference Identifier	Editable	Not Editable
	Shipping Information	Servicing Agency Additional Information	Editable	Not Editable

For seller-facilitated orders (maintained in both federal G-Invoicing and EBS Oracle Projects), following additional attributes are also editable along with above attributes as shown in the table:

For SFO - Editable Fields

Region	Function Area	Field Name	Editable in Admin Modification	Editable When Performance Exists
Agreement Additional Attributes	Billing	Priority Order Indicator	Editable	Editable
		Capital Planning and Investment Control	Editable	Editable
Performance Obligation Additional Attributes	Standard Line of Accounting (SLOA) Information	Requesting Delivery POC Name	Editable	Not Editable
		Requesting Delivery POC Title	Editable	Not Editable
		Requesting Delivery POC Email	Editable	Not Editable
		Requesting Delivery POC Phone	Editable	Not Editable

Refund Push

If any refund is issued from a seller to a buyer, then the servicing agency creates a credit memo or concession invoice against the original invoice. This results in a negative performance, and the negative performance is pushed to the federal G-Invoicing application.

A credit memo is created in one of the following ways:

- Cancel Invoice
- Write Off
- Apply Concession

Cancel Invoice

Cancelling an invoice results in credit memo creation for the entire amount of the canceled invoice. All items on the canceled invoice are returned to an unbilled status. These items are eligible for re-billing during the next billing cycle. Oracle Project updates the funding balance on the agreement for the original invoice.

If a receipt is applied against an order or has a credit memo, then you cannot cancel that invoice.

Write Off an Invoice

Writing off an invoice creates a credit memo against the original invoice for the requested write-off value. When the write-off is initiated on an invoice, Oracle Projects reverses the invoice value from the receivables account and places it into a write-off expense account while interfacing it to Accounts Receivables.

To refund a performance:

1. Create a credit memo against the invoice.
2. Run the *Generate Draft Invoice*, the *Interface Invoices to AR*, the *Autoinvoice Import*, and the *Tieback Invoices from Receivables* concurrent programs.
3. Navigate to the **G-Invoicing** dashboard using by clicking the *Projects Super User, US Federal* responsibility, and then click **Projects Command Center**, and then **G-Invoicing**.

4. Select **View Performance Obligation** from the **Orders** tab.

5. Select the performance lines and click **Submit Delivery Performance** and **Go**.

The delivery line displays with the credit memo quantity created with the negative amount.

6. Enter the parameters in the Header region.

7. Select **Final Performance**.

8. Click **Submit**.

The delivery line is created that displays the reference performance number and the corresponding reference performance detail number for the negative performance quantity. After the *Intragovernmental Performance Program* runs successfully, the status is updated to success.

9. Navigate back to the **Federal G-Invoicing** page and query the order.

10. Select **Options**, then **Performance List** to view the delivered performances.

The delivered performance for the negative quantity appears with the adjusted quantity against the original quantity.

You cannot submit a refund performance for an already submitted or accepted quantity. If the quantity is not settled, then you can submit a refund performance.

Applying Invoice Concessions

An invoice concession lets you manually credit an invoice without adjusting transactions. Applying a concession to an invoice creates a credit memo against the original invoice for the value of the concession. When you apply a concession, Oracle Projects adjusts the amount either from unbilled receivables account or unearned revenue account while interfacing the concession invoice to AR.

After an order is cancelled, you cannot delete the credit memo. You can apply concession even when a credit memo is associated with the original invoice. The credit memo inherits the same invoice currency and currency attributes of the invoice. The negative refund performance has the reference to original performance header and details when transferred to the G-Invoicing application.

Organization Group Model

The organization group model provides the security needed with a flexibility to provide access to documents across agencies.

This functionality allows agencies to transition from a flat access model to a hierarchical organization mode.

- Allows agencies to build their organizations within G-Invoicing
- Define Parent-Child organization hierarchy groups
- Inherit Document view access by:
 - Child groups
 - Passed up to Parent groups
 - Subordinate Groups

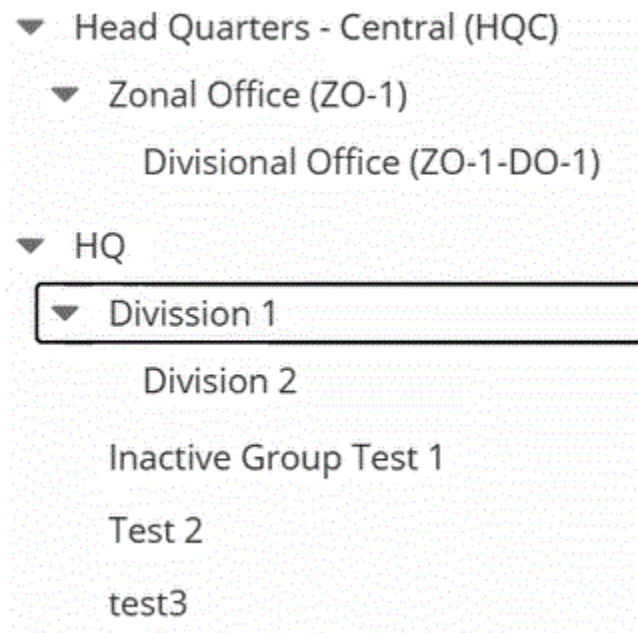
If you belong to a group that has access to GT&Cs, then you can view them. The groups above and groups below within the same hierarchy can view these GT&Cs.

If you belong to a group that has access to orders, then you can edit, approve, reject, close and modify those orders. The groups above within the same hierarchy can perform these actions. But the groups below in the hierarchy cannot view these orders. A sample group structure is shown as follows:

The Organization Group Hierarchy address the following:

- Extract Group Hierarchy for the given System ID
- Map Agency Location Code (ALC) to Operating Unit to pull all the G-Invoicing documents
- Associate the group on Order based on the GT&C security preferences (Parent - Child and Subordinate Groups)
- Control user and group level access on documents (Orders and GT&C)

Organization Group Hierarchy



Performance against an order is reported by the performance managers of the group to which the order is assigned. Document Inheritance Indicator (DII) - GT&C Manager (or Creator) can limit the GT&C to only the assigned group. Ensure that you adhere to the following logic when sharing GT&Cs with subordinate groups:

- The primary group owns and maintains GT&Cs.
- The primary group shares the agreement with subordinate groups.
- Subordinate groups must belong to the same primary group agency.
- The GT&C manager does not need access to subordinate groups.
- Sharing a GT&C requires approval by both partners.
- The GT&C manager designates subordinates when creating a GT&C.

- The GT&C manager can deactivate or remove subordinates through modification.
- Subordinates contain one or more agency location codes (ALCs) associated with a GT&C .

You can map an agency location code to an operating unit to pull all the G-Invoicing documents. You can associate the group on an order based on the GT&C security preferences (Parent/Child, DII and Subordinate Groups) setup. You can set up and control the user and group-level access on documents (Orders and GT&C).

The organization group model has three-level security:

1. Operating Unit
2. Servicing Group.
3. TAS and BETC

Prerequisite

To use the organization group hierarchy, you must license and install Project Costing, Project Billing, and Oracle Financials.

Setting Up Group Security

The Get Group in Agency Account returns organizational groups in that agency for the requested System ID. The security attributes setup at the user level determines the group access. The TAS and BETC filters are applied based on the group association.

G-Invoicing Options - Security Certificate

G-Invoicing Options Cancel Apply

Security Certificate Details

Personalize Table Layout: (region3)

Truststore Path /u01/R122_EBS/fs2/EBSap Keystore Path /u01/R122_EBS/fs2/EBSap
 Truststore Password Keystore Password

Schema Details

Personalize Table Layout: (SchemaTableLayout)

Order Schema Path Performance Schema Path

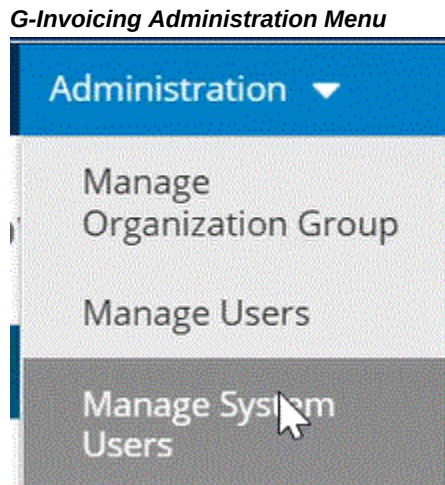
Associate System IDs

Personalize "Associate System IDs"
 Personalize Table: (SystemsTable)

Agency	Operating Unit	System ID	Delete
Servicing Agency		🔍	🗑️

- Navigate to the **G-Invoicing Options** page by clicking the *Projects Super User, US Federal* responsibility, and then **Setup**, and then **G-Invoicing Options**.
- Select or enter the Agency Type, Operating Unit, and System ID. The Operating Unit is mapped to the System ID.
- View the Operating Unit and System ID Mapping in G-Invoicing using the federal

G-Invoicing application, and then click **Administration**, and then **Manage System Users**, as shown:



Organization Group Hierarchy Steps

1. Create GT&Cs in the federal G-Invoicing application.
2. Pull GT&Cs into the servicing agency ERP system.
3. Create orders in the G-Invoicing application.
4. Pull orders from the G-Invoicing application to Oracle Projects and push orders from Oracle Projects to the G-Invoicing application.
5. Run the Projects G-Invoicing ECC Data load in incremental mode.
6. Navigate to the G-Invoicing dashboard using by clicking the *Projects Super User, Federal* responsibility, and then click **Projects Command Center**, and then **G-Invoicing**.
7. Click **Update Agreement** in the **Orders** tab.
8. The **Servicing Organization Group** field contains a list of values accessible to the group.

Only groups mapped to the ALC appear.

Organization groups are displayed based on the selected operating unit. You can change the operating unit. Based on the organization group selection, the corresponding associated TAS and BETCs appear in the list of values.

9. Deactivate a child group.
10. Run the *Intragovernmental Groups for Agency Interface Program* to pull the complete group structure.
 - Specify Servicing Agency as the Agency Type.
 - Enter the operating unit associated with the group hierarchy.
 - Click **OK**.

When the agency groups are pulled, the *Intragovernmental TAS-BETCs for Group Interface Program* runs automatically and pulls the TAS and BETC setups.
11. Run the *Intragovernmental Groups for GT&C Interface Program*, which pulls only the group associated with the pulled GT&C.
 - Specify Servicing Agency as the Agency Type.
 - Enter the Operating Unit associated with the group hierarchy.
 - Enter the GT&C number to pull groups for only a specific GT&C. If you leave it blank, then all the GT&Cs are pulled.
 - Click **OK**.

Deleting a Group or TAS

As part of the Organization Group Hierarchy changes, you can configure TAS filters at each hierarchy level for the Servicing Agency. The list of values for TAS in the **Performance Obligations** page reflects these changes.

You can only delete a group that is the lowest in the group hierarchy. You can delete the parent without deleting the child group.

If you delete a TAS that is associated to a group, and sync the group to Oracle Projects, then the TAS will no longer be available in the list of values.

In-Flight Orders

In-Flight Orders (IFO) are open existing intragovernmental orders that were created in the legacy system before the Federal agency adopted the G-Invoicing solution. Such orders were not delivered and the buy and sell activity were not recorded before the agencies moved to the G-Invoicing solution. The requesting or servicing agency creates an in-flight order in the federal G-Invoicing application for the pending quantities. The order originating partner indicator denotes if an order is created by a requesting or a servicing agency. The agencies can use the .CSV format provided by the US Treasury for compiling and uploading in-flight order details. The servicing or requesting agency

enters in-flight orders in the .CSV format and uploads these orders to the federal G-Invoicing application for approval. The partner agency updates required details, uploads the .CSV file, and approves the order. After approval, the order status changes to Open.

The servicing agency pulls these orders into Oracle E-Business Suite (Oracle EBS) by running the intragovernmental orders interface program. After in-flight orders are pulled into Oracle EBS with an open status, the servicing agency can submit performances.

Oracle E-Business suite G-Invoicing solution considers the prior performance quantity (PPQ) for in-flight orders. These orders must be advance-enabled, The PPQs are entered in federal G-Invoicing. If the in-flight order has any PPQ lines, then Oracle EBS pulls the these lines when importing the orders. When pulling PPQ lines with settled advance performance, then Oracle EBS provides a customer hook to identify the corresponding AR receipt details. If the receipts are matched to a PPQ line, then the system attaches the receipt. If an AR receipt is not identified, then the system creates a receipt for the PPQ value for the order.

The PPQ can only be adjusted in Oracle EBS once they are imported.

Process Flow for Oracle E-Business Suite and Federal G-Invoicing Maintained (New Order)

Identify and compile the list of orders from the legacy system to move to the federal G-Invoicing application. After discussions with the requesting agency, the PMO office prepares and enters GT&C, order details including order lines, order line schedules, and associated PPQs for each in-flight order in the .CSV file (Treasury's approved .csv file standard). Refer to Treasury G-Invoicing User Guide for more details on the .CVS file standards.

The agency can create in-flight orders in federal G-Invoicing using these methods:

Uploading Orders Using the .CSV File Format

The Order Originating Partner Indicator determines if an order is a buyer-initiated order (requesting agency) or a seller-facilitated order (servicing agency). The requesting or servicing agency uploads the .csv file with bulk in-flight orders already created to federal G-Invoicing (**Navigation:** In federal G-Invoicing, click **Requesting Agency** or **Servicing Agency** tab and then choose **Order Upload**).

After the .CSV file is successfully compiled or an IFO is created, performs the following steps:

For BIO:

- If the order originating partner is set to requesting agency, then the requesting agency initiates and uploads the .csv bulk in-flight orders in federal G-Invoicing (**Navigation:** In federal G-Invoicing, select **Requesting Agency** and click **Order Upload**). Browse, select a file, and click upload.

- Once in-flight orders are uploaded successfully to federal G-Invoicing and approved, the requesting agency shares the file with the servicing agency for approval.
- The servicing agency receives an email notification with the .CSV file link.
- The servicing agency enters required parameters and uploads the completed file to federal G-Invoicing (**Navigation:** In federal G-Invoicing, select **Servicing Agency** and click **Order Upload**).
- After the file is successfully uploaded, the IFO order status changes to Open.
The servicing agency can pull the order into Oracle EBS. The order interface and approval processes remain unchanged.

For SFO:

- If the order originating partner is set to servicing agency, then the servicing agency initiates and uploads the .CSV file for in-flight orders to federal G-Invoicing (**Navigation:** In federal G-Invoicing, select **Servicing Agency** and click Upload). Browse and select the file and click upload.
- Once in-flight orders are uploaded to federal G-Invoicing, the servicing agency shares them with the requesting agency for approval.
- The requesting agency receives a notification with the .CSV file link.
- The requesting agency enters values for required fields and uploads the completed file (**Navigation:** In federal G-Invoicing, select **Servicing Agency** and click **Order Upload**).
- Once the file uploads successfully, the IFO order status changes to Open.
The servicing agency can pull the order into Oracle EBS. The order interface and approval processes remain unchanged.

Creating In-Flight Orders

- Both agencies can create in-flight orders using the regular order creation link in federal G-Invoicing (**Navigation:** In federal G-Invoicing, click **Requesting Agency** or **Servicing Agency** tab and then choose **Order**). The agency must set the **In-Flight Order Indicator** to **Yes**.
- The partner agencies approve in-flight orders.
Once IFOs are approved, the order status changes to Open.

Servicing Agency Pulls IFOs

The servicing agency pulls IFOs into Oracle EBS. You must run the *Projects G-Invoicing ECC Data Load* load program to display the imported orders in the dashboard. Once IFOs are pulled successfully, they appear in the G-Invoicing dashboard.

Note: You can schedule the load program to run periodically to view current data in the G-Invoicing dashboard.

To pull IFOs into Oracle EBS, perform the following steps:

1. From the **Home** page, select the **Projects Super User** responsibility.
2. Click **Requests** and then **Schedule**.
3. The **Schedule Request: Define** page appears.
4. Query the concurrent program *Intragovernmental Orders Interface Program*.
5. Click the **Parameters** tab.
6. From the **Agency Type** list, select **Servicing Agency**.
7. Select **Pull** for the request mode.
8. Select **Get Order List** for the request type.
9. Select an operating unit.
10. Select an agency location code.
11. Click **Ok** and click **Submit**.
12. Run the *Projects G-Invoicing ECC Data Load* concurrent program to display order details in the G-Invoicing dashboard.

The IFOs are pulled successfully and appear in the G-Invoicing dashboard.

13. In the **Header** region, click the **Orders** tab.
14. Select the in-flight order created by either the servicing or requesting agency to update.

In the case of a seller-facilitated in-flight order, you can see the View SFO link enabled.
15. Scroll to the right to view the In-Flight Order Indicator. This field identifies an order as the in-flight order.

16. Agreements are created automatically.
17. Create or associate a project to an IFO. The system publishes performance obligations.
18. In the **Performance Obligations** page, enter the top task and click **Apply**. You can only enter value for the top task. All other additional attributes are view-only.
19. Click the G-Invoicing dashboard icon to return to the dashboard.
20. In the **Header** region, click **Orders** tab.
21. Select the in-flight order and click the **Update Agreement** link. The **Update Agreement** page appears.
The **In-Flight Order Indicator** displays **Yes** for the ifo order.
22. Click **Additional Attributes** from the **Actions** menu and click **Go**. The **Agreement Additional Attributes** page appears. You cannot modify any attributes or values. You can only submit the agreement for approval.
23. Click **Submit**.
24. Log in as the approver and approve the agreement. After an IFO is approved, the performance obligation is published, and funding is allocated but is not baselined. The Internal status for the order displays Pending Funds Check. In the case of an SFO IFO, if an order is advanced-enabled, then funding is not generated.
25. From the **Actions** menu in the **Update Agreement** page, click **Confirm Funds Availability** and click **Go**.
The funding is allocated and baselined.

Modifying Buyer-Initiated In-Flight Orders

The buyer-initiated in-flight order modification is initiated in federal G-Invoicing. After an order is modified and approved, it is shared with the servicing agency. The servicing agency pulls the modified order into Oracle EBS.

To pull the buyer-initiated in-flight orders (BIO IFO) modification, perform the following steps:

1. Run the *Intragovernmental Orders Interface Program* pull the modified orders.
2. Run the *Projects G-Invoicing ECC Data Load* concurrent program to refresh data in the G-Invoicing dashboard.
3. Run the **Order Modification Uptake** process.

4. From the **Header** region of the **Orders** tab, click the **View Performance Obligation** link.
5. Click **Update** from the **Actions** menu and click **Go**.
6. Enter a top task number and a servicing TAS similar to Oracle EBS maintained BIO order.
7. Click **Save** and **Continue**.
8. Click **Apply**.
9. From the G-Invoicing dashboard, scroll to the **Header** region of the **Orders** tab, click the **Update Agreement** link. You can notice that all the additional attributes are editable at this point.
10. Click **Submit** to submit the order for approval. The process generates the 7600B Federal report.
11. Log in as the program official and approve the order.
12. Open the **Update Agreement** page. From the **Actions** menu, click the **Confirm Funds Availability** and **Go**. The funding is baselined, and the order is pushed to federal G-Invoicing.
13. The agreement is updated automatically, and the performance obligation lines are updated.

Modifying Seller-Facilitated In-Flight Orders

The seller-facilitated in-flight order modification is initiated in Oracle EBS. To modify a seller-facilitated in-flight order, perform the following steps:

1. In the G-Invoicing dashboard, from the **Header** region of the **Orders** tab, select the in-flight order initiated by the servicing agency to modify and click **View SFO**. The **Seller-Facilitated Order** page appears.
2. Click **Modify**.
The order number is suffixed with *.1* indicating the order revision.
3. You can add an order line or an order line schedule.
4. Click **Save** and **Continue**.
5. Click **Apply**. The system runs the order uptake process.
6. From the G-Invoicing dashboard, scroll to the **Header** region of the **Orders** tab, and

then the **View Performance Obligation** link.

7. Click **Update** from the **Actions** menu and click **Go**.
8. Enter the top task number and the servicing TAS.
9. Click **Save** and **Continue**.
10. Click **Apply**.
11. Click the **G-Invoicing Dashboard** link.
12. From the G-Invoicing dashboard, and the **Header** region of the **Orders** tab, click the **Update Agreement** link. The agreement additional attributes are editable.
13. Click **Submit** for the order approval. The process generates the 7600B Federal report.
14. Log in as the program official and approve the order.
15. Navigate to the G-Invoicing dashboard and click **Update Agreement**.
16. In the **Update Agreement** page, click **Confirm Funds Availability** and then **Go**. The funding is baselined, and the order is pushed to federal G-Invoicing.
17. In federal G-Invoicing, the requesting agency opens the order, enters requesting agency details and clicks **Submit for Requesting Approval**.

The order is approved and the status changes to open. The servicing agency can pull the approved IFO into Oracle EBS by running the *Intragovernmental Orders Interface Program*. Run the *Projects G-Invoicing ECC Data Load* concurrent program to refresh data in the G-Invoicing dashboard. The seller-facilitated in-flight order is pulled into the G-Invoicing dashboard.

Importing or Creating PPQs in Federal G-Invoicing

You can use one of the two ways to create or import prior performance quantity (PPQs) into federal G-Invoicing:

- For an advance-enabled order, enter the prior performance quantity details in the .CSV file. When the an agency uploads the .CSV file, all the associated PPQs are uploaded.
- The other method to upload the prior performance quantity is to enter the performance details in federal G-Invoicing. (**Navigation:** In federal G-Invoicing, select **Requesting** or **Servicing Agency**, then **Upload Order**)
 - Select the order to create performance against an IFO. The **Order** page appears.

Ensure the **In-Flight Order Indicator** is set to **Yes**.

- Click **Show Performance**. Scroll to the right and click **Create**. The **Performance** page appears.
- Select **Advance** as the performance type. You can enter PPQ only for advance-enabled orders.
- Select **Yes** for **Do Not Settle** option. In this case, the transaction does not result in transfer of funds.
- Enter date and choose an open accounting period.
- Enter the quantity for the prior performance to import.
- Click **Create**.

An advance performance is created for the specified quantity.

Importing PPQs into Oracle EBS

To pull PPQs from federal G-invoicing into Oracle EBS, perform the following steps:

1. In EBS, choose **Projects Federal Super User** responsibility.
2. Click **Requests** and then **Schedule**.
3. The **Schedule Request: Define** page appears.
4. Query the concurrent program *Intragovernmental Performance Interface Program*.
5. Click the **Parameters** tab.
6. From the **Agency Type** list, select **Servicing Agency**.
7. Select **Pull** for the request mode.
8. Select **Get Performance List** for the request type.
9. Select an operating unit.
10. Select an agency location code.
11. Click **Ok** and click **Submit**. The system runs the concurrent program for each performance.
12. Run the *Projects G-Invoicing ECC Data Load* concurrent program to display order details in the G-Invoicing dashboard. IFOs are displayed in the G-Invoicing

dashboard.

13. Query for the order that is imported from G-Invoicing with a PPQ.
 14. In the **Details** region, click the **Performance Details** tab.
 15. Click the **View** link. The **View Performance History** page appears. A new performance status, **Previously Settled**, has been added for PPQ.
16. In G-Invoicing dashboard, click the **View Performance Obligation** link. The **Performance Obligations** page appears.
 17. Click the performance obligation line and click **Request Full Advance** and click **Go**. The system considers all lines except the lines with the PPQs or already settled performance status lines.

Note: The advance request process has been enhanced to ignore the previously settled orders from being considered during the advanced performance submission in both partial and full advance requests.

- When IFOs with PPQs are pulled for the first time, the request full advance process is not run after the concurrent program is run. The system pulls PPQs and matches the receipt with the performance quantity, and if they match, then it is associated with the corresponding PPQ. If a receipt does not exist, then the system creates a new receipt.

The servicing agency can derive the receipt using the client extension, `pa_client_extn_igt_cust.ifo_get_rcpt_adv_perf`. If a receipt is not derived, then the system creates a receipt and assigns the performance number.

- If a client extension exists to process a receipt, then the client extension is given a priority.

A project can have IFO or non-IFO orders. In such cases, after orders are approved initially, IFOs are treated similar to other intragovernmental orders. If a project is associated with both IFO and non-IFO orders, then the auto-request full advance is enabled at the projects level. Once an IFO order is approved, you cannot run the Request Full Advance.

7600 Easy (EZ) Invoice

The federal G-Invoicing application includes an easier invoicing process for lower value

invoicing and settlement, where the servicing agency can directly submit an invoice created from a GT&C without requiring an order for settlement. This form of invoicing is known as 7600 Easy (EZ) Invoicing.

For EZ Invoicing, based on an agreement between the requesting and servicing agencies, either of the agencies creates a GT&C with the 7600 EZ invoice indicator enabled. The servicing agency in Oracle EBS creates a project, an agreement and submits an invoice for the GT&C. The requesting agency accepts and settles the EZ invoice when the invoice amount is within the invoice limit set in the GT&C. Every invoice generated should be within the invoice limit specified.

The EZ invoicing makes the settlement process simpler and automates integration between the servicing and requesting agencies. The EZ Invoicing in Oracle EBS, as the servicing agency, supports the following functionalities:

- Both agencies must agree on the required services and delivery.
- Based on the agreement, agencies create a GT&C.
- Servicing agency pulls the GT&C into Oracle EBS.
- Servicing agency creates and associates a project with the GT&C.
- Servicing agency creates and submits invoices to requesting agency for settlement.
- Invoice is submitted to federal G-Invoicing for settlement.
- Requesting agency either accepts or rejects the invoice and settles it appropriately.
- An agreement creation and funding are a manual process performed from the G-Invoicing dashboard in Oracle Projects. The invoice is generated with the limit of \$10,000 or lower set in during the GT&C creation.
- Adjustments with respect to cancellations, settlement is fully automated to handle the appropriate reversals in Oracle Projects.

Required Setups for 7600 Easy Invoice

To use 7600 Easy (EZ) invoice in Oracle EBS, set the following options and conditions:

- **G-Invoicing Setup:** In the G-Invoicing Setup page, enable the invoice cancellation numbering.

In the **EZ Invoicing Setup** region, enter a value in the **Invoice Cancellation Numbering** field to initiate specific numbering for an invoice cancellation and credit memo creation process. The specified number will be the starting point for all the transactions in the EZ invoice cancellation process. This numbering is applicable for all projects in the chosen operating unit. The subsequent transactions are incremented by 1. The cancellation series is effective only when the implementation

options do not have automatic numbering and the credit memo reason is not a required value as per the implementation setup.

- **G-Invoicing Options:** In the G-Invoicing Options page, for the **GT&C Response Type** field, choose **JSON** as the value.
- **Billing Setup in the Implementation Options:** Disable the **Require Credit Memo Reason** option to utilize the automatic release of credit memos. If this option is enabled, then the credit memo is retained in the approved status. You must manually release the credit memo and enter the reason for the credit memo as well.
- **Projects Setup:** A new attribute, 7600EZ Invoice, is included in the Project setup page that identifies a project to be enabled for EZ invoicing. Only projects with the 7600EZ Invoice enabled would be available for funding association to an EZ-enabled agreement.

If a project is IGT-enabled and has been associated to an order line, then such projects cannot be enabled for 7600EZ invoice. If the 7600EZ Invoice option is enabled on a project, then such projects cannot be associated to an IGT order line or an order line schedule.

- **Billing Setup Changes in the Revenue and Billing Information window:** Enable the **Customer at Top Task** and **Invoice Method at top Task** option for an EZ invoice to enable funding. If you choose these two options at the template level, they get defaulted to projects that use this template. If you do not enable them at the template level, then you must enable these options for each project you create for EZ invoicing. For an EZ invoice, the **Adjustment Included on Standard Invoice** must include All.

For the EZ enabled projects, the **Error Negative Standard Invoices** option is enabled by default. You cannot modify the value.

Refer to the "**Setting up for 7600 Easy Invoicing**" topic for more details.

Mass Submission of EZ Invoice

The Oracle E-Business Suite G-Invoicing solution provides an agency to submit EZ invoices in bulk using the concurrent program, *PRC: Process Mass Submission of EZ Performance for G-Invoicing*.

To mass submit EZ Invoices, perform the following steps:

1. From the **Home** page, select the **Projects Super User, US Federal** responsibility.
2. Click **Requests** and then **Schedule a Request**.
3. In the **Schedule Request** window, query the *PRC: Process Mass Submission EZ Performances* for G-Invoicing concurrent program.

4. Click the **Parameter** tab. The **Schedule Request: Define** page appears.
5. Select an operating unit.
6. Enter a value in the **From Project Number** field.
7. Enter a value in the **To Project Number** field.
8. Enter a value in the **From GTC Number** field.
9. Enter a value in the **To GTC Number** field.
10. Enter a value in the **From EZ Number** field.
11. Enter a value in the **To EZ Number** field.

Note: If you leave the project name, GTC number, and EZ number fields empty, then the concurrent program submits the process for all the projects, GT&Cs and the EZ numbers.

12. Select an agency location code. This is a mandatory field.
13. Select a request mode to submit, **Push** or **Pull**.
14. Select the value for the report type as either delete, reverse, or submit.

Note: If you leave the report type field empty, then the concurrent program submits EZ invoices for all the three choices.

15. Click **Continue**. The **Schedule Request: Review** page appears.
16. Review the parameters you have entered. To change any parameter's value, click **Back**. Correct the value and click **Continue** again.
17. Click **Submit**.

Pushing or Pulling Intragovernmental 7600EZ Invoice Interface Program

To pull or push 7600 Easy orders, run the Intragovernmental 7600EZ Invoice Interface Program.

1. From **Home**, switch to **Projects Super User** responsibility.
2. Click **Requests** and then click **Schedule**.

Query for the *Intragovernmental 7600EZ Invoice Interface Program*.

3. Click the **Parameters** tab, enter the following details:
 - **Agency Type:** Select Requesting Agency.
 - **Request Mode:** Select Push to send data to or Pull to retrieve data from the federal G-Invoicing application.
 - **Request Type:** If the request mode is pull, then select from the following values:
 - Get Order Attachment
 - Get Order List
 - Get Order by ID
 - **Operating Unit:** Specify the operating unit.
 - **Agency Location Code (Optional):** To retrieve data for a specific agency, select its agency location code (ALC).
 - **EZ Number (Optional):** To run the program for a specific EZ invoice, enter the invoice number.
 - **GTC Number (Optional):** To run the program for a specific GT&C, enter the GT&C number.
 - **Document Status (Optional):** If you specify a status, then the program only processes documents that are in that status.
4. Submit the concurrent request.

Note: Schedule this program to run as often as required to keep the G-Invoicing data current.

Creating Agreement for Easy Invoice from a GT&C

When the servicing agency pulls GT&Cs from federal G-Invoicing, they are displayed in the G-Invoicing dashboard. The servicing agency can view the EZ-enabled GT&C by clicking the EZ Invoice tab on the G-Invoicing dashboard. You can also search and narrow your searches to find the EZ enabled GT&Cs. In the case of EZ invoice, the agency must create an agreement.

Prerequisites

In federal G-Invoicing, you should create a GT&C enabled for 7600 Easy invoicing. Run the following concurrent programs to import the easy invoices into Oracle EBS.

- Run the *Intragovernmental Agreement for Agency Program* (**Navigation:** Click **Projects**

Super User, US Federal, then **Reports**, then **Schedule Reports**, and then **New Requests**. Enter the program name and mandatory parameters.)

- Run the *Intragovernmental Groups for Agency Interface Program* (**Navigation:** Click **Projects Super User, US Federal**, then **Reports**, then **Schedule Reports**, and then **New Requests**. Enter the program name and mandatory parameters.)
- Run the *Intragovernmental Groups for GT&C Interface Program* (**Navigation:** Click **Projects Super User, US Federal**, then **Reports**, then **Schedule Reports**, and then **New Requests**. Enter the program name and mandatory parameters.)

To create an agreement, perform the following steps:

1. From the **Home** page, select the **Projects Super User, Federal** responsibility.
2. Click **Enterprise Command Center** and then **Projects Command Center**. Projects dashboards appear.
3. Click the **G-Invoicing Dashboard**. The **G-Invoicing** dashboard page appears.
4. Click the **EZ Invoice** tab to view EZ-enabled GT&C and data.
5. Query the EZ-enabled GT&C.
6. In the **Header** region and the **GT&C** tab, click the three ellipses (...) **Actions** menu.
7. Select **Create EZ Agreement**. The **Create Agreement** page appears.
8. Click and select the requesting group that are associated with the GT&C.
9. Click and select the requesting ALC. The LOV displays the ALCs that are associated with the selected group.
10. Click and select the servicing group that are associated with the GT&C.
11. Click and select the servicing ALC. The LOV displays the ALCs that are associated with the selected group. The create agreement page includes an option, **7600EZ Invoice**, to indicate the agreement is enabled for the EZ invoicing. Based on the selected requesting agency ALC, the appropriate customer name and number are defaulted.
12. Select an agreement type. If the agreement type is enabled for approval, then the **Approval Required** field shows **Yes**. If it does not require approval, then the approval required field displays **No**. Only the agreements that are EZ Invoice enabled are displayed in the LOV.
13. Click the 7600EZ Invoice window, query for an easy project.

14. In the **Agreement** region, enter the **Agreement Number**. You can prefix EZ to identify the agreement as an EZ-enabled agreement.
15. A new field, **Per Invoice Limit**, is included that defaults the value from the GT&C. This field is read only.
16. Enter the **Proposed Amount** for the agreement. This value is validated with the per invoice limit value specified on the GT&C as the sum of proposed amounts [unapproved Agreements], approved amounts [Approved Agreements] created previously for the corresponding GTC. The balance amount available is allowed for the agreement being created.

If the funds are already utilized (approved agreements) or being utilized (unapproved agreements), then the agreement being submitted will not be approved due to lack of funds.
17. Click **Apply** and **Save**.

Updating an EZ Agreement

The update agreement page is launched from the G-Invoicing dashboard. To update an agreement, perform the following steps:

1. From the **Home** page, select the **Projects Super User, Federal** responsibility.
2. Click **Enterprise Command Center** and then **Projects Command Center**. Projects dashboards appear.
3. Click the **G-Invoicing Dashboard**. The G-Invoicing dashboard page appears.
4. Click the **EZ Invoice** tab to view the EZ enabled GT&C and data.
5. Query the EZ enabled GT&C.
6. In the **Header** region, click **Agreements** tab.
7. Click **Update Agreement** link. The **Update Agreement** page appears.

Most of the options related to EZ invoice are read only. In the **Agreement** region, the agreement number is generated with a EZ prefix to indicate it as an easy-enabled agreement and the value cannot be modified. The **Update Agreement** page includes Actions menu that lets you add funding, edit EZ additional agreement attributes, view agreement versions and view funding.

Easy Agreement Additional Attributes

Many agreement attributes captured at the agreement level are defaulted into the EZ Invoice. The agency can update these attributes before submission. To update an EZ

agreement additional attributes, perform the following steps:

1. From the **Home** page, select the **Projects Super User, Federal** responsibility.
2. Click **Enterprise Command Center** and then **Projects Command Center**. Projects dashboards appear.
3. Click the **G-Invoicing Dashboard**. The **G-Invoicing** dashboard page appears.
4. Click the **EZ Invoice** tab to view the EZ-enabled GT&C and data.
5. Query an EZ enabled GT&C.
6. In the **Header** region, click **Update Agreement** icon. The **Update Agreement** page appears.
7. From the **Actions** menu, click **EZ Agreement Additional Attributes** and then **Go**. The **EZ Agreement Additional Attributes** page appears. The additional attributes are divided into multiple sections.

Add Funding

To add funding, perform the following steps:

1. In the **Update Agreement** page, click **Add Funding** and **Go**. The **Allocate Funds** region appears.
2. In the **Allocate Funds** region, select the EZ-enabled project number from the LOV.
3. The **Task Number** only displays the unused tasks for the chosen project. If you have already allocated a task to an agreement of a project, then it does not display for selection in the LOV.
4. Enter the allocation date.
5. Enter the amount to be funded.
6. Choose the funding classification. You must define the descriptive flexfield by clicking the brackets.
7. Click **Apply**.

Create and Submit an Easy (EZ) Invoice

Create an EZ Invoice

An EZ Invoice is created and appears in the draft invoice status after the streamline process runs the tie-back process to Oracle Receivables. This EZ Invoice inherits all the

necessary attributes from the agreement.

Prerequisites

You must have completed the following prerequisites before running the streamline process to create an easy invoice:

- Create an event or an expenditure. (**Navigation:** From the Projects Home page, click **Billing**, then **Events**, and then **Projects** or click **Expenditures**.)
- Baseline the funding using the update agreement page (in the **Update Agreement** click **Actions** menu, then **View Funding**. In the **View Funding** page, scroll down and click **Funding Inquiry**. Click **Baseline**.)
- Run the concurrent program *Generate Draft Invoice for a Single Project* (**Navigation:** Click **View Requests**, then **Submit a New Request**. Enter the concurrent program name and enter required parameters. Click **Submit** and **No**.)
- Approve and release the invoice generated (From the Projects Home page, click **Events**, then **Invoice Review**. Query for the project and click **Find**. In the **Invoice Summary** window, click **Approve 1** and then **Release**.)

To create an EZ invoice, perform the follow steps:

1. Run the streamline concurrent program, *PRC: Submit Interface Streamline Processes*, to create an invoice and tie-back to Oracle Receivables (**Navigation:** Click **View Requests**, and then **Submit a New Request**. Enter the concurrent program name and enter required parameters. Click **Submit** and **No**.)
2. After the program runs successfully, run the *ECC Data Load for Projects* concurrent program to refresh the data in the G-Invoicing dashboard.
3. In the G-Invoicing dashboard and from the **Details** region, click the **EZ Invoice** tab. You can see the EZ Invoice created initially in a draft status. You can scroll to the right and edit the additional attributes of the invoice.
4. Click the **Additional Attributes** icon to view the EZ Invoice additional attributes that are defaulted from the agreement.

Submit an EZ Invoice

The servicing agency can select an EZ invoice in a draft status and initiate the submission of the invoice to federal G-Invoicing. To submit an EZ invoice, perform the follow steps:

1. From the G-Invoicing dashboard and **Details** region, click the **EZ Invoice** tab. Select the EZ invoices in a draft status and click the **Actions** menu (three ellipses) and then **Submit**. You can select multiple draft invoices to submit together.

2. After the program runs successfully, run the *ECC Data Load for Projects* concurrent program to refresh the data.

This program inserts the records into the document request table, the Payables concurrent program picks up data from the tables and processes them. This program initiates the *Intragovernmental 7600EZ Interface* program that pushes the EZ data to federal G-Invoicing.

3. The EZ number and EZ invoice number are populated and the status changes to Pending.
4. Login to the Federal G-Invoicing application and query for the EZ invoice from either of the agencies. If the performance date is a system date, then it settles immediately. If the performance date is set in the future, then the settlement happens on the specified date.
5. In Oracle Projects, run the pull concurrent program of *Intragovernmental 7600EZ Interface Program* to pull the records. This program runs the PRC Streamline processes like the PRC: Interface Invoices to Payables, and the Autoinvoice Import, and the Prepayment Matching concurrent programs. Run the *ECC Data Load for Projects* concurrent program to refresh the data.
6. After all the business events are successfully run, the EZ invoice status changes to Settled. The corresponding receipt number and the receipt status shows applied.

Note: You must run the *ECC Data Load for Projects* to view the most current data and changes in the G-Invoicing dashboard.

Delete an EZ Invoice in the Draft Status

An EZ Invoice can be deleted by the agency when the invoice status is in a draft mode. To delete a draft EZ invoice, perform the follow steps:

1. From the **G-Invoicing dashboard** and **Details** region, click the **EZ Invoice** tab. Select the draft EZ invoices and click the **Actions** menu (three ellipses) and click **Delete**. This action creates a cancel invoice.
2. Run the streamline concurrent program, *PRC: Submit Interface Streamline Processes* (**Navigation:** Click **View Requests**, then **Submit a New Request**. Enter the concurrent program name and enter required parameters. Click **Submit** and **No**.) The streamline process interfaces the cancel invoice to AR and during the tie back it changes the status of the original EZ invoice to deleted.
3. The internal status changes to Deleted.

Delete an EZ Invoice in the Pending Status

An EZ Invoice can be deleted by the agency when the invoice status is in a pending mode.

Prerequisite

You must have fulfilled the following prerequisites:

- You must have created a draft invoice.
- You must change the performance date to a future date.

To delete a pending status EZ Invoice, perform the following steps:

1. From the **G-Invoicing** dashboard and **Details** region, click the **EZ Invoice** tab. Select the pending status EZ invoice and click the **Actions** menu (three ellipses) and then **Delete**. The action sends the request to federal G-Invoicing. On getting the response as deleted, the cancel invoice program is triggered.
2. Run the streamline concurrent program, *PRC: Submit Interface Streamline Processes* (**Navigation:** Click **View Requests** , then **Submit a New Request**. Enter the concurrent program name and enter required parameters. Click **Submit** and **No.**) This interfaces the cancel invoice to AR and after the tie back the original EZ invoice is marked as deleted.
3. The Internal status changes to **Deleted**.

Reverse an EZ Invoice with a Settled Status

An EZ Invoice can be reversed in a settled invoice status. To reverse an EZ Invoice that is in a settled status, perform the follow steps:

1. From the **G-Invoicing** dashboard and **Details** region, click the **EZ Invoice** tab. Select the settled EZ invoices and click the **Actions** menu (three ellipses) and click **Reverse**.
2. Run the ECC data load to see the reversal transaction created. The Internal status of the original EZ invoice is changed to Reversal in Progress. A new reverse invoice line is created which references the original EZ Invoice Number, the EZ performance type as Reversal, with the draft internal and EZ invoice statuses.
3. Click the **Additional Attributes** icon to enter the mandatory values for the servicing agency for reversal and click **Apply**.

Note: If you submit the reversal invoice without specifying the mandatory additional attributes, then the system results in error

and returns the internal status as Error. You will have to resubmit the reversal after specifying the required details.

4. Select the reversal line and then click **Submit**. The system submits the reversal process and pushes the reversal request to federal G-Invoicing.
5. Run the pull concurrent program, *Intragovernmental 7600EZ Interface Program*, to pull the reversal acceptance.
6. Run the *ECC Data Load for Projects* concurrent program to refresh the data in the G-Invoicing dashboard. This action pulls the settlement, creates the cancel invoice, and stamps the reversed invoice line with the unique EZ Invoice Number. For the reversal invoice line, the internal status changes to Settlement in Progress.
7. Run the streamline concurrent program, *PRC: Submit Interface Streamline Processes* to tie back the invoice to AR (**Navigation:** Click **View Requests** , then **Submit a New Request**. Enter the concurrent program name and enter required parameters. Click **Submit** and **No.**)
8. Run the *ECC Data Load for Projects* concurrent program to refresh the data refresh the data in the G-Invoicing dashboard. This streamline process interfaces and ties back the cancel invoice to AR and the status of the reversal transaction is updated to Settled and the original EZ invoice status changes to Reversed.

Reverse a Settled EZ Invoice with Credit Memo

Prerequisites

You must have fulfilled the following prerequisites:

- In the **Billing** tab of the **Implementation Options** window, enable the **Require Credit Memo Reason** option.

To reverse an EZ invoice that is in a settled status, perform the following steps:

1. From the **G-Invoicing** dashboard and **Details** region, click the **EZ Invoice** tab. Select the settled EZ invoices and click the **Actions** menu (three ellipses) and click **Reverse**.
2. Run the ECC data load to see the reversal transaction created. The Internal status of the original EZ invoice is changed to Reversal in Progress. A new reverse invoice line is created which references the original EZ Invoice Number, the EZ performance type as Reversal, with the draft internal and EZ invoice statuses.
3. Click the **Additional Attributes** icon to enter the mandatory values for the servicing agency for reversal and click **Apply**.

Note: If you submit the reversal invoice without specifying the mandatory additional attributes, then the system results in error and returns the internal status as Error. You will have to resubmit the reversal after specifying the required details.

4. Select the reversal line and then click **Submit**. The system submits the reversal process and pushes the reversal request to federal G-Invoicing.
5. Run the pull concurrent program, *Intragovernmental 7600EZ Interface Program*, to pull the reversal acceptance.
6. Run the *ECC Data Load for Projects* concurrent program to refresh the data in the G-Invoicing dashboard. This action pulls the settlement, creates an approved invoice, and stamps the reversed invoice line with the unique EZ Invoice Number. For the reversal invoice line, the internal status changes to Settlement in Progress.
7. Release the approved invoice by entering the credit memo release reason (From the Projects Home page, click **Events**, then **Invoice Review**. Query for the project and click **Find**. In the **Invoice Summary** window, click **Approve 1** and then **Release**.)
8. Enter the credit memo reason and click **Ok**.
9. Run the streamline concurrent program, *PRC: Submit Interface Streamline Processes*, to tie back the invoice to AR (**Navigation:** Click **View Requests**, then **Submit a New Request**. Enter the concurrent program name and enter required parameters. Click **Submit** and **No**.)
10. Run the *ECC Data Load for Projects* concurrent program to refresh the data refresh the data in the G-Invoicing dashboard.

This streamline process interfaces and ties back the cancel invoice to AR and the status of the reversal transaction is updated to Settled and the original EZ invoice status changes to Reversed.

Rejected Transaction when Reversal is Initiated

There can be a situation when the servicing agency initiates a reversal of a settled EZ invoice, and at the same time, a requesting agency rejects the same EZ invoice. In such a case, when the reversal acceptance is pulling by the servicing agency, the original transaction is stamped as Rejected and the reversal transaction's internal status changes to Rejection Processed.

Reject an EZ Invoice in a Pending Status

The servicing agency can reject an EZ invoice that is in a pending status.

Prerequisite

Ensure that you have fulfilled the following prerequisites:

- You must have created a draft invoice.
- You must change the performance date to a future date.
- You must have run a push concurrent program to interface the pending EZ invoice to federal G-Invoicing.

To reject an EZ Invoice that is in a pending status, perform the following steps:

1. From federal G-Invoicing, query for EZ invoices.
2. Select one of the pending EZ invoice and click **Reject Invoice**.
3. Enter the performance date.
4. Enter the reason for rejection.
5. Enter the requesting agency point of contact details.
6. Click **Reject**.
7. Run the pull concurrent program, *Intragovernmental 7600EZ Interface Program*, for the GT&C to pull the rejected invoice.

Refer to Pushing or Pulling Intragovernmental 7600EZ Invoice Interface Program, page 6-133 for more details.
8. Run the *ECC Data Load for Projects* concurrent program to refresh the data in the G-Invoicing dashboard.
9. In the Details region of the G-Invoicing dashboard and EZ Invoice tab, the rejected EZ Invoice shows Informational EZ Invoice status and the Internal Status changes to Rejected. This invoice is not settled in federal G-Invoicing.

A corresponding rejected performance transaction type with the Receivable Invoice Number is created with a unique EZ invoice number referencing the original EZ invoice number.
10. Pull the original invoice as well which triggers the cancel invoice program. Then, run the streamline program which changes the status to Informational.

Reject an EZ Invoice in a Settled Status

The servicing agency can reject an EZ invoice that is in a settled status.

Prerequisite

Ensure that you have fulfilled the following prerequisites:

- You must have created a draft invoice.
- You must change the performance date to system date (current date).
- You must have run a push concurrent program to interface the EZ invoice to federal G-Invoicing.

To reject an EZ Invoice that is in a settled status, perform the following steps:

1. From federal G-Invoicing, query for EZ invoices.
2. Select one of the pending EZ invoice and click **Reject Invoice**.
3. Enter the performance date.
4. Enter the reason for rejection.
5. Enter the requesting agency point of contact details.
6. Click **Reject**.
7. Run the pull concurrent program, *Intragovernmental 7600EZ Interface Program*, for the GT&C to pull the rejected invoice. This program triggers the cancel invoice program.

Refer to Pushing or Pulling Intragovernmental 7600EZ Invoice Interface Program, page 6-133 for more details.

8. Run the streamline concurrent program, *PRC: Submit Interface Streamline Processes*, (**Navigation:** Click **View Requests**, then **Submit a New Request**. Enter the concurrent program name and enter required parameters. Click **Submit** and **No**.) This program runs processes like the PRC: Interface Invoices to Payables, and the Autoinvoice Import, the Tie back Invoices from Receivables and Prepayment Matching concurrent programs. During the tie back the status of the original EZ invoice is changed to Rejected.
9. Run the *ECC Data Load for Projects* concurrent program to refresh the data in the G-Invoicing dashboard.
10. In the Details region of the G-Invoicing dashboard and EZ Invoice tab, the rejected EZ Invoice shows EZ Invoice status as Informational and the Internal Status changes to Rejected. This invoice is not settled in G-Invoicing. A corresponding rejected performance transaction type with the Receivables Invoice Number is created with a unique EZ invoice number.

APIs and Client Extensions for 7600 EZ Invoicing

Use the following APIs to create and update agreements, create and update additional attribute changes for EZ agreement and invoices. You can use these APIs to perform various Easy (EZ) Invoicing functions.

API: Creation of an EZ Agreement

Use this API to create an EZ agreement.

- **Technical Name:** *PA_EZ_EXT_API_PUB.CREATE_EZ_AGREEMENT*
- **Prerequisite:** An EZ-enabled GT&C must exist in an open status.
- **Outcome:** An EZ agreement is created.

API: Updating of an EZ Agreement

Use this API to update an EZ agreement.

- **Technical Name:** *PA_EZ_EXT_API_PUB.UPDATE_EZ_AGREEMENT*
- **Prerequisite:** An EZ-enabled GT&C must exist in an open status.
- **Outcome:** An EZ agreement must exist in the system.

API: Updating UDAs for an EZ Agreement/Invoice

Use this API to update user defined attributes for an EZ agreement or an invoice.

- **Technical Name:** *PA_EZ_EXT_API_PUB.UPDATE_EZ_ADDITIONAL_ATTR*
- **Prerequisite:** An EZ Agreement should exist in an open status or an EZ invoice should have been generated in a draft status.
- **Outcome:** Updates user defined attributes for an EZ agreement or an invoice.

Custom Hook: Override UDAs when creating an EZ Agreement/Invoice

Use this custom hook to override user defined attributes when creating an EZ agreement or an invoice.

- **Technical Name:** *PA_CLIENT_EXTN_IGT_CUST.OVERRIDE_EZ_ATTRIBUTES*
- **Prerequisite:** An EZ enabled GT&C and an EZ agreement should exist in an open status.
- **Outcome:** Updates user defined attributes for an EZ agreement or an invoice.

Working Capital Fund

The Working Capital Fund (WCF) is a revolving fund established by government to finance a cycle of operations in which the full cost of services is charged to the recipient of the service. The fund aims to provide centralized performance of common administrative services, including but not limited to computer services, telecommunication, and financial services. Any agency or component within a department, as well as any other agency with shared services needs, can request services using working capital fund (WCF).

The WCF ensures that the costs of services provided are fully recovered from the customers, and the revenues generated by the fund are sufficient to cover its expenses. By charging the full cost of services to the recipient, the Fund operates on a self-sustaining basis without requiring an annual appropriation from Congress.

The WCF provides cost-effective solution to federal agencies to achieve cost savings and greater operational efficiencies. WCF helps promote effective and efficient use of government resources. Following is some of the important features of WCF:

- **Multiple Customers:** The servicing agency receives multiple orders from multiple customers from federal G-Invoicing
- **Participation Ratio Set at the Service level:** The participation ratio is calculated for each service based on the pool of customers and their service value seeking similar services. These orders are combined and executed through a single project for delivering common services.
- **Delivery Performance by Participation Ratio:** Invoices are created for each customer by splitting cost by their participation ratio (derived through pool of order values). By invoicing each customer separately, the WCF can accurately track the costs associated with each customer's usage of the service. The participation ratio is used to ensure that each customer is charged only for the services they have used, based on their proportional share of the total pool of funds for the service.

Overall Process of WCF

The summary of overall process flow of working capital fund (WCF) orders is as follows:

Order Initiation and Placement

- The requesting agency identifies an order as a WCF order by selecting the appropriate PSC code and marking the Statutory Authority Fund Type Code as Working Capital Fund in the federal G-Invoicing application. This code identifies the order as a WCF order and ensures that it is processed correctly.
- The servicing agency defines the participation ratio for each customer at service or

task level. The participation ratio is a measure of each customer's share in a particular service. It is calculated based on the contribution amount established during the negotiation process and the actual usage of the service by each customer.

- This ensures costs associated with each service are accurately allocated to each customer based on their usage of the service.
- Order line schedules are marked with common Service Item code (ID)s across multiple customers. This ensures costs associated with each service are accurately tracked and allocated to each customer.

Order Execution and Delivery Performance

- The servicing agency establishes funds for each service based on the order amount, which determines each customer's share of the total pool of funds for the service in case of amount-based participation. The customer share can also be manually defined.
- The Common Service Item Code helps identify the service ensuring a correct service is delivered to the appropriate customers from the servicing side.
- Services of the same type are grouped and executed as a single task and delivered to different customers.
- All expenditures are charged to the appropriate project and task combination ensuring costs of services are accurately tracked and allocated.
- The Delivery Performance for each customer is based on their share of the service received determined by the participation ratio. This ensures each customer is charged only for the services they have used, based on their proportional share of the total pool of funds for the service.

Modifying WCF Order and Participation Ratio

- WCF orders can be modified and the participation ratio in turn can be changed as well. This enables agencies to track different versions of the same order.
- Scenarios that can initiate changes in participation ratios:
 - An order modification from one or all customers will initiate changes in the participation ratio.
 - A new customer addition to the same project pool can impact the participation ratio for the service.
 - Interim order closure from customer(s). If an order is closed before the end of the service, it can impact the participation ratio for the service.

- Changes to the participation ratio are effective going forward only for the balance of the service. This ensures any changes made to the participation ratio are only applied to future costs associated with the service.

Rounding Management

- While calculating the % Split across order line schedule: To ensure accurate and consistent rounding of costs for WCF, the rounding management uses the amount-based split and same customer, same service, with multiple order line schedule.
- When calculating the participation ratio for each order line schedule, the percentage is rounded to three decimal points. In cases where there are multiple order line schedule from the same customer for the same service, the total participation ratio for all order line schedule will be calculated and then rounded to three decimal points.
- If the sum of the rounded participation ratio for the last order line schedule is not equal to 100%, then the rounding difference is added to the last order line schedule. The percentage for the last order line schedule will be calculated as 100% minus the total of the remaining order line schedule calculated percentages.
- While calculating the invoice amount from % split:
 - To ensure accurate and consistent calculation of invoice amounts for WCF, invoice amounts are rounded to two decimal points when calculating from the participation ratio percentage split.

If there are multiple order line schedules from the same customer for the same service, then the invoice amount for each order line schedule is calculated based on the participation ratio percentage split and rounded to two decimal points.
 - In the case of multiple invoices, the last invoice amount is calculated as the total invoice amount minus the sum of the calculated prior invoices.

Participation Ratio

The participation ratio for the Working Capital Fund (WCF) is calculated at the individual service level, based on the pool of customers and their service value seeking the same service.

Setting Up for Working Capital Fund (WCF)

You must perform the following setups for WCF to work for you.

Billing Setup Changes

Perform the following setups in the Billing setup window:

1. From the **Home** page, select the **Projects US Federal** responsibility.
2. Click **Setup**, then **Projects**, and then **Project Templates**.
3. In the **Find Projects** window, query for an easy project.
4. Click the **Project** and click **Open**.
The **Projects Templates** page appears.
5. In the **Options** region, scroll down, then click and expand **Billing Information**.
6. Select **Billing Setup** and click **Details**.
The **Revenue and Billing Information** window appears.
7. In the **Revenue Accrual Method** field, select **Event**.
8. In the **Invoice Method** field, select **Event**.
9. Ensure the **Customer at Top Task** is disabled for WCF.
10. Ensure the **Invoice method at Top Task** is disabled.
11. Ensure the **Date-Effective Funds Consumption** is enabled for WCF.

Setting up Projects for WCF

The agency must setup projects for WCF enabled in Oracle Projects. To setup projects for WCF, perform the following steps:

1. From the **Home** page, select the **Projects Super User, US Federal** responsibility.
2. Select **Projects**, and then choose **Create Project**.
The **Create Projects: Select Source** page appears.
3. In the **Copy From** field, select **Template**.
4. Query for the project.
The project list appears.
5. Select the project you want to copy from and click **Continue**.
6. Click the **Project Name** link.

The **Create Project: Details** page appears.

7. Enter the required fields like project name, number, project start, end date and so on.

8. In the **Project** tab, click the **Setup** subtab.

The **Project Setup** page appears.

9. For WCF projects, in the Funding Method, choose **Top Task Level Funding Contribution**.

On selecting the funding method the contribution method is enabled. If the project is selected as the Top Task Level Funding Contribution, then this project is not eligible for using with the 7600EZ Invoice. Only one option can be chosen for a particular project.

10. Click and choose from the **Funding Amount Based** or **User Defined**.

- **Amount Based Participation Ratio:** Choose this option to let the system derive the participation ratio for a service based on the total order line schedule amount and a particular order line schedule contribution for a service type. This value is then used for revenue and invoice generation.

If a new order is added or an existing order is modified, the participation ratios are recalculated, and the changes take effect in the future revenue generation. This approach ensures that the participation ratios accurately reflect each customer's share of the service based on the order line schedule amounts and contributions.

- **User Defined:** The agency must specify the participation ratio for each customer. The customer participation ratio must total 100. If a customer has multiple order line schedules, then the system distributes the participation ratio among the order line schedules based on the prorated amount at each individual line schedule level.

If a new customer is added or an existing ratio is modified, then the participation ratios must total 100. And the changes take effect in the future revenue generation.

11. Click **Save**.

The project is setup and saved.

If you have selected User Defined, then the Customer Participation Ratio appears in the other project setup region.

Setup Service Type for a Task

You must setup the Service type before setting up the participation ratio. To setup the

service type to the task, perform the following steps:

1. From the **G-Invoicing** dashboard, click the **Associate Project** icon.
2. Search for the project created. Click the **Project** link and open the projects page.
3. In the **Projects Setup** page, click the **Financial** tab, and then the **Tasks** subtab.
4. Expand the **Outline** arrow in the **Saved** searches.
5. Click the **Details** for a task to associate to the service type. Click the details icon for Task1.
6. From the **Task Details** page click the **Setup** tab.
7. Enter or select the service code. Select from the Federal Supply Classification (existing) or Product Service Code (existing) lookups. This service type should be defined for all the top tasks for a project.

All tasks should be associate to a service type to associate a project successfully. If a task does not have service type, then you can't associate the project to an order.

8. Click **Save** and **Apply**.

If a customer has multiple order line schedules, then the system distributes the participation ratio among the order line schedules based on the prorated amount at each individual line schedule level.

If a new customer is added or an existing ratio is modified, then the participation ratios must total 100. And the changes take effect in the future revenue generation.

Event Type Setup

Perform the following setups in the event type window:

1. From the **Home** page, select the **Projects US Federal** responsibility.
2. Click **Setup**, then **Billing**, and then **Event Types**.
3. In the **Event Types** window, enter or ensure that you have at least one automatic event type class specified for a WCF project.
4. Click **Setup**, then **Billing**, and then **Extensions**.
5. In the **Billing Extensions** window, enter or ensure that you have a Default Event Value Type specified as the event type class.

Working Capital Order Pull and Approval

In the WCF solution, the flow for the first order pull and approval process will involve

several steps to ensure accurate tracking and management of the order.

Prerequisites

Ensure that you have satisfied the following prerequisites:

- Create a WCF enabled order in the federal G-Invoicing application. Create an IGT order and choose the Statutory Authority Fund Type Code as Working Capital Fund.
- Selected an appropriate Product Service Code (PSC).
- Created a project with the Top Task Level Funding Contribution chosen at the project level.
- Setup Revenue Accrual Method and the Invoice Method as Event and Event at the project level.
- The Customer at the Top Task is disabled, and the Date-Effective Funds Consumption is enabled for WCF.
- The project should not be a Schedule of Values enabled project.
- Projects with Performance Obligation feature enabled but no funding lines exist and no performance obligation Lines exist.
- The WCF Project must not be associated to any other agreement.
- The project should not be a Grants project.
- The project should not be an RMCS enabled project.
- Projects that are closed, partially purged, purged, or pending purge are not allowed.

To pull approve the WCF order, create revenue and invoice for that order, perform the following steps:

1. From the **Home** page, select the **Projects Super User** responsibility.
2. Select **Requests** and then **Schedule**.
The **Schedule Request: Define** page appears.
3. Query the concurrent program, *Intragovernmental Order Interface Program*, to pull the WCF order.
4. Click the **Parameters** tab.
5. Enter the required fields and click **OK**.

6. Click **Submit**.
7. Run the *ECC Projects Data Load* concurrent program to display the current data in the G-Invoicing dashboard.
8. In the G-Invoicing dashboard, search for the WCF order.
9. Scroll down to **Header** region and click **Order** tab.
You can only associate a project with the WCF order.
10. You must first create a WCF enabled project, set up and associate the service type for the task with the correct item cost and setup the participation ratio for each customer. Once the project has been setup you can associate the project to the order.
Refer to "**Setting Up for Working Capital Fund (WCF)**" for more details.
11. Click the **Associate Project** icon.
The **Associate Project** page appears.
12. Search for the WCF enabled project you have created.
13. Select the project from the list and click **Associate**. The system associates the project to the order and the performance obligations are created automatically. In the performance obligations page, the top task number is defaulted based on the service code selected in the task setup or based on the client extension (PA_Client_Extn_IGT_Cust.get_wcf_top_task()) and you cannot change the value.
14. In the **Performance Obligations** page, enter the Servicing TAS and BETC.
15. Click **Save** and **Continue**.
16. Repeat the steps 15 and 16 for the remaining order lines and order line schedules.
17. Click **Apply**. The project association is completed.
18. Click the **G-Invoicing Dashboard** icon to navigate to the dashboard.
19. Click the **Update Agreement** icon.
20. From the **Actions** menu, select **Additional Attributes**, and click **Go**.
21. Enter the servicing side details for the required attributes.
22. Click **Apply**.
23. In the **Update Agreement** page, click **Submit**. The order is submitted for approval.

24. Log in as the approving manager and approve the WCF order. The order is approved.
25. In the **G-Invoicing** dashboard, scroll to the WCF order, and click **Update Agreement**.
26. In the **Actions** menu, select **Confirm Funds Availability** and click **Go**. The funds availability confirmation is completed.
27. Create transactions for the projects using the Projects Expenditure or imported expenditures.
28. Approve and release transactions.
29. Distribute the cost by running the concurrent programs, *PRC: Distribute Labor Cost* or *PRC: Distribute Usage and Miscellaneous Costs*.
30. For Imported expenditures, run the concurrent program, *PRC: Interface supplier costs* or *PRC: Transaction Import* based on the selected expenditure class.

Generate Revenue and Invoices

The revenue and invoice generation are an important part of the billing process. The performance obligation and revenue and invoice line distribution are based on top tasks, agreements, and bill groups. This ensures that revenue is accurately allocated and tracked throughout the WCF process. To generate revenue and invoices for the WCF order, perform the following steps:

1. From the **Projects Super User** responsibility, select **View** and then click **Requests**.
2. Click **Submit a New Request**.
3. Search for the concurrent program, *PRC: Generate Draft Revenue for a Single Project*.
4. Select the project number and accrual date and click **OK**.
5. Click **Submit** and **No**.
6. To view the events created, click **Billing**, then **Events**, and then **Project**.
7. Enter the project number, name, and click **Find**. The **Events Summary** page displays the details of the events created. Scroll right and see the Description field to see the details on how the revenue amount is calculated based on the participation ratio you had specified, and the system distributed based amount for each order line schedule.
8. Click **Review Revenues** to review the revenue details.

9. Click and release each revenue line.
 - The Revenue Summary page includes a new option, Batch ID. When you select a revenue line to release, all revenue lines belonging to the same batch ID can be released together after confirmation. Similarly, you can un-release a revenue line when the invoice has not been generated, and all the revenue lines belonging to the same batch ID are un-released after confirmation. If a draft invoice is generated, then the revenue cannot be un-released.
 - When generating the revenue process, if a batch ID has been rejected with a hard limit, then the same batch revenues cannot be released. If a draft invoice has been generated, then you cannot delete the related revenues.
10. From **Projects** application, select **View** and then click **Requests**.
11. Click **Submit a New Request**.
12. Search for the concurrent program, *PRC: Generate Draft Invoices for a Single Project*.
13. Select the project number and accrual date and click **OK**.
14. Click **Submit** and **No**.
15. To view the events created, click **Billing**, then **Events**, and then **Project**.
16. Enter the project number, name, and click **Find**. The **Events Summary** page displays the details of the events created. Scroll right and see the **Description** field to see the details on how the invoice amount is calculated based on the participation ratio you had entered, and the system distributes amount for each order line schedule.
17. Click **Review Invoices** to review the invoice details.
18. Run the *PRC: Interface Invoices to Receivables* concurrent program. This program transfers invoices to AR.
19. Run the *Autoinvoice Interface Program*. Enter the transaction source and date and click **Ok**.
20. Run the *PRC: Tieback Invoices from Receivables* concurrent program.

Submit Delivery Performance

To submit the delivery performance, perform the following steps:

1. From the **Home** page, click the **Projects Super User US Federal** responsibility.
2. Click **Projects Command Center**, and then **G-Invoicing dashboard**.
3. Select the WCF order. Click **View Performance Obligations**.
4. Select the order line schedules and click **Submit Delivery Performance**. The delivery performance is created and pushed to federal G-Invoicing.

Note: The remaining order processing of a WCF order is like an IGT order processing.

Business Scenarios

This chapter covers the following topics:

- Use Case 1. Buyer-Initiated Order Created in Oracle CLM or Purchasing
- Use Case 2. Buyer-Initiated or Seller-Facilitated Orders Created in Federal G-Invoicing

Use Case 1. Buyer-Initiated Order Created in Oracle CLM or Purchasing

This topic describes the beginning-to-end use case for creating a buyer-initiated order (BIO) in Oracle CLM or Purchasing.

The following prerequisite setups and processing steps are performed in this use case:

1. Perform prerequisite setup steps in E-Business Suite applications (Oracle Contract Lifecycle Management for Public Sector or Oracle Purchasing and Oracle Projects).

For setup steps for Oracle CLM and Purchasing, see "Chapter 2, G-Invoicing Setup and Administration: Requesting Agency.", page 2-xiii

For setup steps for Oracle Projects, see "Chapter 3, G-Invoicing Setup and Administration: Servicing Agency.", page 3-xiii

2. The requesting agency creates GT&Cs in the federal G-Invoicing application. Both agencies review and approve the GT&Cs.
3. The requesting agency pulls the GT&Cs into EBS.
4. The requesting agency creates an intragovernmental request in Oracle Purchasing or CLM.
5. The requesting agency creates an IGT order.
6. The requesting agency pushes the IGT order to federal G-Invoicing.

7. The servicing agency pulls the IGT orders into EBS, gets the order ready to be fulfilled and submits performances.
8. The requesting agency receives and creates acceptance for performances.
9. The requesting agency creates performance accounting.
10. The requesting agency closes the IGT order.

Create General Terms & Conditions (GT&Cs)

The requesting agency (buyer) drafts the general terms and conditions (GT&Cs) and shares them with the servicing agency and other approvers within the requesting agency.

1. Log in to the Federal *G-Invoicing* application.
2. Click **Requesting Agency** and then **GT&C**.
3. In the **Partner Information, GT&C** region, enter a GT&C title and agreement start and end dates.
4. In the **Requesting Agency** region, enter a group name and description, enable document inheritance, and select and add agency location codes and subordinate groups. Optionally, add the cost center, a business unit, and a department ID.
5. In the **Servicing Agency** region, enter or select an agency account and a group name and description, and select and add agency location codes. You must at least enter one ALC for the servicing agency.
6. Click **Header/Detail** in the side-tab.
7. In the **Header Detail** region, enter the requesting and servicing agency agreement tracking numbers, termination days, an agreement type, the advance payment indicator, the assisted acquisition indicator, enforce the total remaining amount indicator, the total direct cost amount, the total overhead fees and charges amount.
8. Click the **Agreement Information** side-tab. Enter the required values for the requesting and servicing agencies.
9. Click the **Approvals** side-tab. In the **Approval** region, enter initial and final approval personnel details for the requesting and servicing agency.
10. Click **Save Internal Draft**.
Make a note of the GT&C number.
11. Click **Share Draft** and click **Yes**.

After the GT&Cs document is saved, click **Submit For Approval** and click **Yes**. The GT&Cs will be shared with the servicing agency for approval.

Approve GT&Cs

1. Log in to the Federal G-Invoicing application as the servicing agency partner.
2. Click the **Servicing Agency** tab and then click **GT&C**.
3. Search for the GT&Cs document that you want to approve.

In the **Partner Information** region, review the servicing agency group information, document inheritance indicator, and the subordinate group.

4. Click the **Header/Detail** side-tab and enter servicing agency agreement tracking number and review the information entered by the requesting agency.
5. Click **Save Shared Draft**.
6. Click the **Agreement Information** side-tab and enter the required details.
7. Click **Submit For Approval**.

The GT&Cs status changes to pending approval.

If there are corrections to be entered by the requesting agency, then click **Return to Draft**. The requesting agency corrects the details and shares the GT&Cs again.

8. Log in as the servicing agency Initial and Final Approver.
9. Click the **Servicing Agency** tab and then click **GT&C**.
10. Select the GT&Cs document that is pending your approval.
11. Verify the details and click **Approve**.
12. Log in again as the requesting agency Initial and Final approver.
13. Click the **Requesting Agency** tab and then click **GT&C**.
14. Select the GT&C document that is pending your approval. The status is changed to Open after each partner approves the GT&Cs.

The requesting or servicing agency can add attachments at any stage of GT&Cs drafting and approval.

Pull GT&Cs and Groups into EBS

To pull GT&Cs from the federal G-Invoicing into EBS, perform the following steps:

1. Use the *CLM Purchasing Super User* or *Purchasing, US Federal* responsibility.
2. Click **Requests** and then click **Submit a New Request**.
3. Select the *Intragovernmental Agreement (GT&C) Interface Program*.
4. Enter the required fields.
5. Click **Submit**.
The selected GT&Cs are imported into EBS.
6. Submit another request.
7. Select the *Intragovernmental Groups for GT&C Interface Program*.
8. Enter the required fields.
9. Click **Submit**.
The groups for the specified GT&Cs are pulled into EBS.

Create an IGT Requisition

The requesting agency creates an IGT requisition using the GT&Cs that were created and pulled into EBS.

To create an IGT requisition, perform the following steps:

1. Select the *Federal iProcurement* responsibility.
2. Click the **iProcurement Home Page**.
3. In the **Shop** tab, click the **Intragovernmental Request** subtab.
4. Enter the required fields.
5. Click **Add to Cart**.
Repeat these steps to add more requisition lines.
6. To review the shopping cart summary, click **View Cart and Checkout**.
7. Click **Checkout** and enter the following:
 - Requisition description
 - If needed, the requesting and servicing groups and agency location code (ALC). This information is defaulted from the GT&C.

- Delivery and billing information
8. Click **Edit Lines** to review the charge account and other information.
 9. Click **Next** and submit the requisition.

If the AME workflow is enabled, then the requisition is sent to respective officials for approval.

Create an IGT Order from the IGT Requisition

The requesting agency creates an intragovernmental order in Oracle CLM or Purchasing and shares the order with the servicing agency through the federal G-Invoicing application for approval.

To create an IGT order using the IGT requisition, perform the following steps:

1. From the **Home** page, select *Purchasing, US Federal*.
2. Click **Buyer Work Center**, then **Requisitions**.
3. Select the **IGT Requisitions** subtab.
4. In the **Document Builder**, set the type to **New IGT Order**.
5. Enter an operating unit.
6. Query for and select the required requisition lines.
7. Click **Add** and review the lines added.
8. Click **Create** to create an IGT order.
9. In the **Header** region, enter the following:
 - Supplier and supplier site details
 - Assisted acquisitions indicator
 - Performance period start and end date range. These dates must be between the GT&C agreement start and end dates.
 - The default ship-to location.
 - In the **Requesting Agency Information** region, enter the following:
 - Specify a group and an agency location code.

- If the cost center, business unit and department ID are available in the GT&C, then these fields are mandatory.
- If the assisted acquisition indicator is set to **Yes** in GT&C, then the funding office code and funding agency code must be specified.
- In the **Requesting Agency Authority** region, enter the following:
 - Select a statutory authority fund type code.
 - (Optional) Enter the billing information.
- In the **Delivery Information** region, select the FOB Point. If the FOB point is Destination or Other, then you must enter constructive receipt days.
- (Optional) Add attachments. To share an attachment with the servicing agency, set the attachment category to Requesting Agency. For an internal attachment, select another category.

Save your work.

10. Click the **Preparer & Approvals Information** tab. Enter the following details for both agencies:
 - Preparer information such as employee, title, email address, and telephone.
 - POC Information such as employee, title, email address, and telephone.
 - Program official information such as employee, title, email address, and telephone.
 - Enter funding official information such as employee, title, email address, and telephone.

Note: When the IGT order is submitted and approved and the AME workflow is enabled, then a notification is sent to the preparer and the funding officials to approve and sign the order.

Save your work.

11. Click the **Lines** tab. For each line, do the following:
 - In the **Actions** column, click the **Update** icon.
 - Review the details defaulted from the requisition such as line type, description, category, and unit.

- Verify the additional item information
 - Select Severable or Non-Severable.
 - Select the FSC or PSC code.

Note: The FSC/PSC code entered will be sent to G-Invoicing as an item code.

- (Optional) Enter UID required Identifier, Product or Service Identifier.
- Review and provide shipping and delivery information.
- Click **Apply**.

12. Click the **Schedules** tab, and do the following for each schedule

- Enter the quantity and price.
- If the order is advance enabled, select the **Advance Pay** indicator.
Advance-enabled orders are settled before the delivery performance is submitted by the servicing agency.
- From the **Actions** menu, click the **Update** icon.
- Review and enter the required fields.
- (Optional) Enter the shipping information.
- Review and update the billing information
 - Accrue at receipt should be as per the **Receipt Accruals** option selected in the purchasing options page for the operating unit.
 - Update the match approval level according to the FOB point. When the FOB point is set to Source/Origin, matching must be two way. When the FOB point is set to destination, then matching must be three way.
 - Update the invoice match option. This value depends on the FOB point. When the FOB point is set to Source/Origin, then it must be Purchase Order (PO).
When the FOB is set to Source/Origin, two-way matching is required. When the FOB is set to Destination, three-way matching is required.
- Click **Apply**.

13. Click the **Distributions** tab, and do the following for each distribution line:
 - In the **Actions** menu, review and click **Update**.
 - Review the encumbered date and PO charge account.
 - Review the requesting agency funding information and enter the bona fide need.
 - Click **Apply**.
The order status changes to Incomplete.

14. Submit the IGT Order.

15. The order status changes to In-Process.

16. Log in as the approver and approve the order as per AME approvers.

17. Log in as the program official and approve or sign the IGT order.

18. Log in as the funding official and approve or sign the order.

The IGT order status changes to Pre-approved and the G-Invoicing status changes to Pending Posting. The order is ready to be shared with the trading partner.

Note: If you set the electronic signature option at the document style to yes, then the Oracle electronic signature functionality is applicable.

Requesting Agency Pushes IGT Order to Federal G-Invoicing

Share an IGT orders with the servicing agency by pushing it to the federal G-Invoicing application.

1. From the **Home** page, select *CLM Purchasing Super User* or *Purchasing Super User*.
2. Click **Requests** and then **Submit a New Request**.
3. Select the *Intragovernmental Orders Interface Program*.
4. Enter the required fields.
5. Click **Submit**.

Servicing Agency Approves the IGT Order

1. Log in to the Federal G-Invoicing application as the servicing agency.
2. Click **Servicing Agency**, then **IGT Order**.
3. Query for the order and double click to open.
4. Enter all mandatory fields, including billing frequency details, point of contact information and line schedule details.
5. Click the **Submit Servicing Approval** and click **Yes**.
6. Click the **Approvals** tab.
7. Click **Service Agency Approve** and click **Yes**.

The IGT order status changes to Open and the order is ready for transaction.

Servicing Agency Activities

The servicing agency performs the following activities to fulfill an IGT order:

Pull GT&C and Orders into Oracle Projects (EBS)

1. Log in to the E-Business Suite application.
2. Select the *Projects Super User* responsibility.
3. Select **Requests** and then **Run**.
4. Select the *Intragovernmental Agreements (GT&C) Interface Program*. Enter the mandatory fields, such as request mode, type, and the GT&C number, and submit.
5. Similarly, run the following G-Invoicing interface programs to pull groups, orders, and to load data into the G-Invoicing dashboard.:
 - *Intragovernmental Groups for GT&C Interface Program*
 - *Intragovernmental Groups for Agency Interface Program*
 - *Intragovernmental Orders Interface Program*
 - *Projects G-Invoicing ECC Data Load*
6. Verify GT&Cs and orders in EBS:

- From the **Home** page, click **Projects Super User**, then **Enterprise Command Center**, then **Projects Command Center**, and then **G-Invoicing** dashboard.
- Verify the data pulled from federal G-Invoicing.

Create a Project

You create or associate a project with the order. Performance obligations and performance obligations lines are created automatically. In the case of order modification, you must uptake the modified orders.

1. From the **Home** page, select the *Projects Super User* responsibility.
2. Select **Enterprise Command Center**, then **Projects Command Center**.
3. Select the **G-Invoicing** dashboard.
4. In the **GT&C/Orders** region, query for the order you want to work with.
5. Click the **Create Project** icon.
6. Enter the project name, project number, and project start and finish dates.
7. Click **Finish**. The **Performance Obligation** page appears.
8. Enter the required information such as capitalized asset indicator, top task number, servicing agency TAS, and reimbursability.
9. Click **Additional Attributes** and verify the details.

Pull Attachments into Oracle Projects

1. In the G-Invoicing dashboard, in the **GT&C and Orders** region, click the **Orders** tab.
2. Click the **Update Agreement** icon.
3. In the **Agreement** page, scroll down to the **Order Attachments** region. If an attachment exists with the status is Download Pending, then click **Actions** and select **Pull Attachments**.
4. Click **Go**.

When the attachment is ready, the status changes to Downloaded and the attachment can be opened.

Update the Agreement and Submit it for Approval

1. In the **G-Invoicing** dashboard, in the **GT&C and Orders** region, click the **Orders** tab.
2. Click the **Update Agreement** icon.
3. Verify the header details.
4. Enter a billing frequency.
5. Save.
6. From the **Actions** drop-down list, choose **Additional Agreement Attribute** and click **Go**.
7. Verify the details and enter the required information for the servicing agency.
8. Click **Apply** for approval.
9. Run the **Projects G-Invoicing ECC Data Load** concurrent program (click **Requests** and then **Run**).
10. Navigate to the **G-Invoicing** dashboard.

Notice the **Internal Process Status** field displays Pending Approval Submission. On the **Update Agreement** page, verify that the **Confirm Funds Availability** option is selected.
11. Click **Submit** to send the agreement for approval.
12. Run the **Projects G-Invoicing ECC Data Load** concurrent program (click **Requests** and then **Run**).

The **Internal Process Status** changes to **Pending Approval**.
13. Approve the agreement.
 - Log in to the *Projects Super User* responsibility as the approver.
 - Click the subject and verify the customer name, customer number, and amount to be approved.
 - Click **Approve**.
 - The system submits the *MGT: Push Order (MGT: Push Order)* concurrent program and the *Intragovernmental Orders Interface Program* concurrent program. Verify that the concurrent programs run successfully.

- Log in to the federal *G-Invoicing* application and verify that the order status has changed to Open.

View Performance Obligations and Revenue Budget

Run the ECC data load to refresh data in the G-Invoicing dashboard.

1. Log in to the *Projects Super User* responsibility.
2. Run the *Projects G-Invoicing ECC Data Load* concurrent program (click **Requests** and then **Run**).
3. On the **G-Invoicing** dashboard, query the order that you want to work with.
Verify the details.
4. Click the **View Performance Obligations** link.
Verify that the last published date is same as the agreement approval date.
5. Click the **Financial** tab and verify that the approved revenue budget matches the order amount.
6. Click the **Funding** tab and verify that the funding was created and baselined.
7. Log in to federal **G-Invoicing** application and verify the agreement approval.

Incur Actuals, Generate Revenue

1. From the **Home** page, select the *Projects Super User* responsibility.
2. Select **Billing**, then **Events**, and then **Projects**.
3. Enter the project number in the **Find Project Events** window and click **New**.
4. Enter the required fields to incur an event. Save.
5. Run the *PRC: Generate Draft Revenue for a Range of Projects* concurrent program (click **Requests**, then **Run**, then **Single Request**).
6. After the program runs, verify the output. The event is processed, and a draft revenue is generated.
7. Navigate to the **Review Revenue** window (select **Billing**, then **Revenue Review**).
8. Enter the project number and click **Find**.
9. In the **Revenue Summary** window, select the first row and click **Lines**. In the

Revenue Lines window, the performance obligation line number is stamped.

The format is *GTCNumber+OrderNumber+POBGHeader1+POBGLine1*. The performance obligation header and line numbers are updated depending on the transaction.

10. Run the *PRC: Generate Revenue Accounting Events* concurrent program (click **Requests**, then **Run**, and then **Submit a Single Request**). Enter the project number and then submit the request.
11. Run the *PRC: Create Accounting* concurrent program. After the program runs, verify that the accounting was generated successfully.
12. Run the *Projects G-Invoicing ECC Data Load* concurrent program (click **Requests** and then **Run**).
13. In the **G-Invoicing** dashboard, verify the details that have been created.

Submit and Verify Deferred Performance

1. From the **G-Invoicing** dashboard, select the order and an order line schedule.
2. Select **Submit Deferred Performance** and click **Go**.
3. Enter the required fields and select **Partial Performance**. Click **Submit**.
4. Click **Requests**, then **Run**, and then **Single Request**.
5. Run the *Projects G-Invoicing ECC Data Load* concurrent program.
6. Log in to the federal **G-Invoicing** application.
7. Select the **Requesting Agency** tab and then **IGT Orders**.
8. Validate deferred performance document.
9. Search for the order and click the order number link.
10. On the order page, click show performance.
11. Validate the lines on the performance page.

Generate a Draft Invoice and Run Tieback Invoices from Receivables

1. Switch to the *Projects Super User* responsibility.
2. Select **Requests**, then choose **Run**, and then **Submit a Single Request**.

3. Run the *PRC: Generate Draft Invoices for a Range of Projects* concurrent program.
After the program runs successfully, events are processed, and a draft invoice is generated.
4. Select **Billing**, then choose **Invoice Review**.
5. Enter the project number and click **Find**. Verify the details.
6. Repeat the same process for all the lines.
7. Select **Requests**, then **Run**, and then **Submit a Single Request**.
Run the following concurrent programs. After one concurrent program runs to completion, run the next program.
 - *PRC: Interface Invoices to Receivables*
 - *Autoinvoice Import Program*
 - *PRC: Tieback Invoices from Receivables*
 - *Projects G-Invoicing ECC Data Load*
8. From the **Home** page, select the *Projects Super User* responsibility.
9. Click **Enterprise Command Center**, then **Projects Command Center** and then **G-Invoicing** dashboard.
10. Refine the search by filtering with the order number. Verify the updated details.

Submit and Verify Delivery Performance

1. From the **G-Invoicing** dashboard, select the order and an order line schedule.
2. Select **Submit Delivery Performance** and click **Go**.
3. Enter the required fields and select **Partial Performance** or **FullPerformance**. Click **Submit**.
4. The following concurrent programs are initiated:
 - *PRC: Submit Intragovernmental Performance*
 - *MGT: Push Performance (MGT: Push Performance)*
 - *Intragovernmental Performance Interface Program*

Note: The performance interface program is submitted for each delivery line.

5. Click the **View Performance History** page and verify that the status has changed to success.
6. Make a note of the performance numbers.
7. From the **Home** page, click **Requests**, and **Run**, and then **Submit a Single Request**.
8. Run the *Projects G-Invoicing ECC Data Load* concurrent program.

Requesting Agency Activities

The requesting agency performs the following activities to fulfill an IGT order:

Pull Performance

The requesting agency pulls performance transactions from federal G-Invoicing application into Oracle Purchasing.

To pull performance fulfilled, perform the following steps:

1. From the **Home** page, select *CLM Purchasing Super User*, or *Purchasing Super User*.
2. Click **Requests** and then **Submit a New Request**.
3. Select the *Intragovernmental Performance Interface Program*.
4. Enter the required fields.
5. Click **Submit**.

Note: When Oracle Purchasing pulls the IGT performance transactions, they can be viewed in the IGT Performance page.

When the FOB is Destination or Other, the concurrent program *Intragovernmental Performance Integration to Receiving Program* in Oracle Purchasing inserts the delivery performance data into the receiving open interface tables to create a receipt. If the FOB is set to Source or Origin, no event is initiated.

Requesting Agency: Receive and Accept Goods

The requesting agency receives and accepts goods, creates a reference performance, and pushes it to the federal G-Invoicing system to settle the quantity.

1. In EBS, select the *Purchasing, US Federal* responsibility.
2. Click **Buyer Work Center**, then **Orders**, then **IGT Performance**.
3. Select the delivered performance.
4. Click **Action** and select **Create Reference Performance**.
5. Enter a description, performance date, and received or accepted quantity.
6. Click **Submit** to push the received or accepted performance information to federal G-Invoicing.

Settlement is then initiated.

Note: When FOB is Destination or Other, the settlement is recorded on the received or accepted performance. When FOB is Source or Origin, then the settlement is recorded on the delivery performance.

The requesting agency can see the received or accepted performance in the IGT performance page.

Push Performance

The requesting agency pushes performance transactions from Oracle Purchasing to the federal G-Invoicing application.

To push accepted performance to federal G-Invoicing, perform the following steps:

1. From the **Home** page, select *CLM Purchasing Super User* or *Purchasing, US Federal*.
2. Click **Requests** and then **Submit a New Request**.
3. Select the *Intragovernmental Performance Interface Program*.
4. Enter the required fields.
5. Click **Submit**.

The concurrent program inserts the received or accepted performance data into Oracle Payables open interface tables to create an accounts payable invoice and matches the invoice with the purchase order and receipt as a three-way match.

Close the Order

The order can be closed when the order quantity, the received quantity and billed quantity are equal in Oracle Purchasing.

1. From the **Home** page, select the *Purchasing, US Federal* responsibility.

2. Click **Buyer Work Center**, then **Orders**, and then **IGT Orders**.
3. Query for the order that you want to close..
4. Click **Close**.

Push the Closed Order to G-Invoicing

The concurrent program *Intragovernmental Orders Interface Program* in Oracle CLM and Oracle Purchasing pushes order closure to the federal G-Invoicing application.

To push the closed IGT order to G-Invoicing, perform the following steps:

1. From the **Home** page, select the *CLM Purchasing Super User* or *Purchasing, US Federal* responsibility.
2. Click **Requests** and then **Submit a New Request**.
3. Select the *Intragovernmental Orders Interface Program*.
4. Enter the required fields.
5. Click **Submit**.

Use Case 2. Buyer-Initiated or Seller-Facilitated Orders Created in Federal G-Invoicing

This topic describes the beginning-to-end use case for creating a buyer-initiated order (BIO) or seller-facilitated order (SFO) in the federal G-Invoicing application.

The prerequisite setups and processing flows covered in this use case are as follows:

1. Create GT&Cs in the federal G-Invoicing application. For an SFO, the servicing agency does this. For a BIO, the requesting agency does it.
2. Both agencies review and approve the GT&Cs.
3. Use the GT&Cs to create an order in the federal G-Invoicing application. The requesting agency creates a BIO, or the servicing agency creates an SFO.
4. Approve the IGT order.
5. The servicing agency pulls GT&Cs and approved IGT orders into EBS.
6. The servicing agency verifies and validates the GT&Cs and IGT orders in the G-Invoicing dashboard in EBS.
7. Create and associate a project with the IGT order.

8. Verify the agreement (created automatically) and submit it for the approval.
9. Approve the agreement.
10. Perform an admin modification.
11. Pull the modified orders into EBS.
12. Verify the admin changes.
13. Perform and incur order modification.
14. Incur actuals and generate revenue
15. Submit deferred performance from ECC and verify it in the G-Invoicing dashboard.
16. Verify the deferred performance document in G-Invoicing.
17. Incur actuals, generate a draft invoice, and run Tieback Invoices from receivables.
18. Submit delivery performance from the POBG page and verify it in the G-Invoicing dashboard.
19. Verify the delivery performance in G-Invoicing and create acceptance.
20. Pull the acceptance into EBS and verify it in the G-Invoicing dashboard.
21. Initiate order closure in federal G-Invoicing.
22. Pull closed orders into EBS.

The order is created in the federal G-Invoicing system and imported into EBS.

The following use case describes the complete flow of BIO and SFO created in federal G-Invoicing, imported into EBS, submitting performances, and create acceptance and accounting and finally closing the IGT order.

Create GT&C in the Federal G-Invoicing Application

1. Log in to the federal G-Invoicing application.
2. Select **Requesting Agency** or **Servicing Agency** and then **GT&C**.
3. Copy a GT&Cs document or create a new one. Make a note of the GT&C number.
4. Click **Create GT&C**.
5. In the **Partner Information**, **GT&C** region, enter a GT&C title and an agreement

start and end date.

6. In the **Requesting Agency** region, enter a group name and description, enable document inheritance, and add a agency location codes and subordinate groups. Optionally, add the cost center, a business unit, and a department ID.
7. In the **Servicing Agency** region, enter or select an agency account, a group name and description, and an agency location code. You must at least enter one ALC for the servicing agency.
8. Click the **Header/Detail** in the side tab.
9. In the **Header Detail** region, enter the requesting and servicing agency agreement tracking number, termination days, agreement type, advance payment indicator, assisted acquisition indicator, enforce total remaining amount indicator, total direct cost amount, total overhead fees, and charges amount.
10. Click the **Agreement Information** side tab. Enter required values for requesting and servicing agencies.
11. Click the **Approvals** side tab. In the **Approval** region, enter initial and final approval personnel details for requesting and servicing agencies.
12. Click **Save Internal Draft**.
13. Make a note of the GT&C number.
14. Click **Share Draft** and click **Yes**.
15. After the GT&C document is saved, click **Submit for Approval** and click **Yes**. The GT&Cs are shared with the partner agency for approval.

Partner Agency Approves the GT&C

1. Log in as the partner agency (servicing or requesting agency) and click the servicing or requesting agency tab and then the GT&Cs.
2. Review the GT&Cs and enter required details.
3. Click **Approval**. Enter details and approve the GT&Cs as the initial and final approval. After approval the GT&Cs status changes to **Open for Orders**.
4. The requesting or servicing agency can add attachments at any state of the GT&Cs process.

Create a Buyer-Initiated Order or a Seller-Facilitated Order in Federal G-Invoicing

1. Query the GT&Cs that you want to use. Click the number to open the **GT&C** page.
2. Click **Create Order**.
3. A requesting agency creates a buyer-initiated order in the federal G-Invoicing application.
A servicing agency initiates a seller-facilitated order in the federal G-Invoicing application and sends it to the requesting agency for approval.
4. The **Order Originating Partner** field indicates whether the order is an SFO (if the value is servicing agency) or a BIO (if the value is requesting agency).
5. Agencies must enter partner, delivery, authority, billing, preparer, and approval information, and line and schedule details.
6. For a BIO, the agency enters distribution details and shares the BIO or SFO with the partner agency for approval.
7. Click **Save as Draft** and note down the order number.
8. Click options to add attachments.
9. Submit for partner agency approval.

Approve the IGT Order

1. Log in as the partner agency in the federal **G-Invoicing** application.
2. Pull the order.
3. Enter the POC, funding, and approval details.
4. Approve the order and send it back to the federal G-Invoicing application.

Pull GT&Cs and Orders into Oracle Projects (EBS)

1. In EBS, select the *Projects Super User* responsibility.
2. Click **Requests** and then **Run**.
3. Select the *Intragovernmental Agreements (GT&C) Interface* concurrent program. Enter the mandatory fields, such as request mode, type, and the GT&C and submit.

4. Similarly, run the following G-Invoicing interface programs to pull orders, groups for GT&C and agencies, and to load the data into the G-Invoicing dashboard.
 - *Intragovernmental Orders Interface Program*
 - *Intragovernmental Groups for GT&C Interface Program*
 - *Intragovernmental Groups for Agency Interface Program*
 - *Projects G-Invoicing ECC Data Load*
5. Verify GT&Cs and orders in EBS:
 - From the **Home** page, click **Projects Super User**, then **Enterprise Command Center**, then **Projects Command Center**, and then **G-Invoicing** dashboard.
 - Verify the data pulled from federal G-Invoicing.

Create a Project

You create or associate a project with the order. Performance obligations and performance obligations lines are created automatically. In the case of order modification, you must uptake the modified orders.

1. In EBS, select the *Projects Super User* responsibility.
2. Select **Enterprise Command Center**, then **Projects Command Center**.
3. Select the **G-Invoicing** dashboard.
4. In the **GT&C/Orders** region, query for the order you had created.
5. Click the **Create Project** icon.
6. Enter the project name, project number, project start and finish dates. Click **Finish**.
7. The performance obligation page appears. Enter the required fields such as capitalized asset indicator, top task number, servicing agency TAS, and reimbursable flag.
8. Click **Additional Attributes** and verify the details.

Pull Attachments into Oracle Projects

1. In the G-Invoicing dashboard, in the **GT&C and Orders** region, click the **Orders** tab.

2. Click the **Update Agreement** icon.
3. In the **Agreement** page, scroll down to the **Order Attachments** region and validate the status of an attachment. If the status is **Download Pending**, then click **Actions** and select **Pull Attachments** and then click **Go**.

Once the pull attachments concurrent program completes successfully, the status changes to Downloaded.

4. Open the attachment and verify.

Update the Agreement and Submit it for Approval

1. In the **G-Invoicing** dashboard, **GT&C and Orders** region, click the **Orders** tab.
2. Click the **Update Agreement** icon.
3. Verify the header details.
4. Enter value for the billing frequency and save.
5. From the **Actions** list, choose **Additional Agreement Attribute** and click **Go**.
6. Verify the details. Enter the required fields for servicing agency.
7. Click **Apply** for approval.
8. Run the **Projects G-Invoicing ECC Data Load** concurrent program. (Click **Requests** and then **Run**.)
9. Navigate to the **G-Invoicing** dashboard.

Notice the **Internal Process Status** displays the **Pending Approval Submission**. On the **Update Agreement** page, verify that the **Confirm Fund Availability** option is selected.

10. Click **Submit** to send the agreement for approval.
11. Run the **Projects G-Invoicing ECC Data Load** concurrent program. (Click **Requests** and then **Run**).

The internal process status changes to Pending Approval.

12. Approve the agreement:
 - Log in to the *Projects Super User* responsibility as the approver.
 - Click the subject and validate the customer name, customer number, and amount to be approved.

- Click **Approve**.
- The system submits the *MGT: Push Order (MGT: Push Order)* and *Intragovernmental Orders Interface Program* concurrent programs. Verify that the concurrent programs run successfully:
- Log in to the federalG-Invoicing application and verify that the order status has changed to Open.

View Performance Obligation and Revenue Budget

Run the ECC data load to refresh data in the G-Invoicing dashboard.

1. Log in to the *Projects Super User* responsibility.
2. Run the *Projects G-Invoicing ECC Data Load* concurrent program. (Click **Requests** and then **Run**.)
3. Navigate to the **G-Invoicing** dashboard and query the order number you had created (click the **Enterprise Command Center**, then **Projects Command Center** and then **G-Invoicing** dashboard).

Verify the details.

4. Click the **View Performance Obligations** link.
Verify the last published date is same as the agreement approval date.
5. Click the **Financial** tab and validate the approved revenue budget is created with the amount same as the order amount.
6. Click the **Funding** tab and validate the funding is created and baselined automatically.
7. Log in to federal **G-Invoicing** application and validate the agreement approval.

Incur Actuals, Generate Revenue

1. From the **Home** page, select the *Projects Super User* responsibility.
2. Select **Billing**, then **Events**, and then **Projects**.
3. Enter the project number in the **Find Project Events** window and click **New**.
4. Enter the required fields to incur an event and save.
5. Run the *PRC: Generate Draft Revenue for a Range of Projects* concurrent program

(select **Requests**, click **Run**, then **Single Request**).

6. After the program completes successfully, verify the output. The event is processed, and a draft revenue is generated.
7. Navigate to the **Review Revenue** window (select **Billing**, then **Revenue Review**).
8. Enter the project number and click **Find**.
9. In the **Revenue Summary** window, select the first row and click **Lines**. In the **Revenue Lines** window, the performance obligation line number is stamped.
The format is *GTCNumber+OrderNumber+POBGHeader1+POBGLine1*. The performance obligation header and line numbers are updated depending on the transaction.
10. Run the *PRC: Generate Revenue Accounting Events* concurrent program (select **Requests**, then **Run**, and then **Submit a Single Request**). Enter the project number and submit.
11. Run the *PRC: Create Accounting* concurrent program. After the program completes, verify the accounting is generated successfully.
12. Run the *Projects G-Invoicing ECC Data Load* concurrent program. (Click **Requests** and then **Run**.)
13. In the **G-Invoicing** dashboard, verify the details that have been created.

Submit and validate Deferred Performance

1. From the **G-Invoicing** dashboard, select the order and an order line schedule.
2. Select **Submit Deferred Performance** and click **Go**.
3. Enter the required fields and choose **Partial Performance** for performance indicator.
4. Click **Submit**.
5. Select **Requests**, and choose **Run**, and then **Single Request**.
6. Run the *Projects G-Invoicing ECC Data Load* concurrent program.
7. Log in to the federal **G-Invoicing** application.
8. Select the **Requesting Agency** tab and then **IGT Orders**.
9. Validate deferred performance document.

10. Search for the order and click the order number link.
11. On the order page, click show performance.
12. Validate the lines on the performance page.

Generate a Draft Invoice and Run Tieback Invoices from Receivables

1. Switch to the *Projects Super User* responsibility.
2. Select **Requests**, then choose **Run**, and then **Submit a Single Request**.
3. Run the *PRC: Generate Draft Invoices for a Range of Projects* concurrent program.
After the program completes successfully, events are processed, and a draft invoice is generated.
4. Select **Billing**, then choose **Invoice Review**.
5. Enter the project number and click **Find**. Verify the details.
6. Repeat the same process for all the lines.
7. Select **Requests**, then **Run**, and then **Submit a Single Request**.
Run the following concurrent programs. After one concurrent program completes, run the next program.
 - *PRC: Interface Invoices to Receivables*
 - *Autoinvoice Import Program*
 - *PRC: Tieback Invoices from Receivables*
 - *Projects G-Invoicing ECC Data Load*
8. From the **Home** page, select the *Projects Super User* responsibility.
9. Click **Enterprise Command Center**, then **Projects Command Center** and **G-Invoicing** dashboard.
10. Refine the search by filtering with the order number. Verify the updated details.

Submit and Verify Delivery Performance

1. From the **G-Invoicing** dashboard, select the order and an order line schedule.
2. Select **Submit Delivery Performance** and click **Go**.

3. Enter the required fields and choose **Partial** or **Full** Performance for performance indicator.
4. Click **Submit**.
5. The following concurrent programs are initiated:
 - *PRC: Submit Intragovernmental Performance*
 - *MGT: Push Performance (MGT: Push Performance)*
 - *Intragovernmental Performance Interface Program*

Note: The performance interface program is submitted for each delivery line.
6. Click the **View Performance History** page. The status changes to success.
7. Make a note of the performance numbers.
8. From the **Home** page, click **Requests**, then **Run**, and then **Submit a Single Request**.
9. Run the *Projects G-Invoicing ECC Data Load* concurrent program.

Validate Delivery Performance Document and Create an Acceptance

1. Log in to the federal **G-Invoicing** application.
2. Click the **Requesting Agency** tab and then **Orders**.
3. In the **Show Performance** page, click **Receive** for type.
Enter the required fields.
4. Click **Create**.
An acceptance line is created.
5. Validate the attachment.
6. Click the performance number.
The **Performance Transaction Details** page appears.
7. At the bottom of the page, click **Attachment**.
Click the filename and verify the attachment.

Pull and Validate Acceptance in EBS

1. Select **Requests**, and choose **Run**, and then **Single Request**.
2. Run the *Intragovernmental Performance Interface Program* concurrent program.
3. Enter the required fields and select pull as request mode.
4. Click **Ok** and **Submit**.
5. Select **Requests** and choose **Run**, and then **Single Request**.
6. Run the *Projects G-Invoicing ECC Data Load* concurrent program.

Close Order

Intragovernmental orders can be closed when the order quantity, received quantity, and billed quantity are equal in Oracle Purchasing.

1. From the **Home** page, select *Purchasing, US Federal*, then **Buyer Work Center**, then **Orders**, and then **IGT Orders**.
2. Query for the approved order.
3. Click **Close**.

Push Closed IGT Order to G-Invoicing

The concurrent program *Intragovernmental Orders Interface Program* in Oracle Purchasing pushes order closure to the federal G-Invoicing application.

To push the closed IGT order to G-Invoicing, perform the following steps:

1. From the **Home** page, select *CLM Purchasing Super User* or *Purchasing, US Federal*.
2. Click **Requests** and then **Submit a New Request**.
3. Select the *Intragovernmental Orders Interface Program*.
4. Enter the required fields.
5. Click **Submit**.

Frequently Asked Questions About G-Invoicing

This chapter addresses commonly asked questions about the Oracle EBS G-Invoicing solution.

This chapter covers the following topics:

- FAQs

FAQs

1. What is the inherent integration between Oracle E-Business Suite G-Invoicing and the federal G-Invoicing application functionality? Are there any necessary development efforts needed to enable G-Invoicing for MROi, both inbound and outbound?

Answer: The Oracle E-Business Suite G-Invoicing solution works with the federal G-Invoicing application to facilitate the exchange and processing of intragovernmental (IGT) buy (requesting) and sell (servicing) data and transactions.

The solution is integrated with Oracle Contract Lifecycle Management for Public Sector, Oracle Purchasing, and Oracle Projects. As a federal program agency (FPA), you can use the G-Invoicing solution to:

- Initiate the exchange and approval of IGT buy and sell transactions using a common data repository of brokered transactions.
- Integrate data from these activities into accounting systems.
- Exchange data related to General Terms and Conditions (GT&C), orders, modifications, and performance records.
- Improve auditability by associating related transactions with a common identifier.

Refer to "Introduction to G-Invoicing", page 1-xiii for more details on EBS G-Invoicing.

2. Does the EBS G-Invoicing solution support advance collection to pass to TDO? For example, a check from a public customer for work done to pass to Treasury?

Answer: The Oracle EBS G-Invoicing solution lets you capture advance payments from accounts receivable receipts against each performance obligation line, generate advance performance, and acknowledge it by sending it back to the buyer through the G-Invoicing application. Customers can push and pull advance performance transactions to drive settlement and do accounting in EBS.

3. Does the EBS G-Invoicing solution support automatic numbering for IGT orders? Can agencies define the starting number?

Answer: In Oracle Purchasing, if you have set document number generation to Automatic in the purchase options for an operating unit, then the order number is generated through a database sequence. In Oracle CLM, you can use the document numbering feature in user-defined attributes (UDAs) to configure the order number.

4. How does GT&C security work? Is there a supporting document available?

Answer: In the federal G-Invoicing application, the administrator controls access to intragovernmental transaction (IGT) documents by group assignment. Each user in the federal G-Invoicing application belongs to a group and can only access IGT documents assigned to that group. Documents with controlled-access include GT&C, orders, and performance records, and attachments.

To push and pull IGT data to and from the federal G-Invoicing application, the group structures in your agency's system must mirror the group structures in the federal application. The EBS G-Invoicing solution accomplishes this by associating a system ID with an agency and operating unit. After the data pull is complete, the following group information is available in Oracle EBS:

- Groups for GT&C
- Groups in agency accounts
- TAS and BETCs details for groups

Refer to "Organizational Groups in G-Invoicing and Oracle E-Business Suite", page 2-11 for more details.

5. When the *Intragovernmental Orders Interface Program* is run to pull the Get Order List, and the agency includes an incorrect Agency Location Code (ALC). What happens to such orders?

Answer: In the *Intragovernmental Orders Interface Program*, only the ALCs associated with the selected operating unit are shown in the ALC field LOV. If there are any

orders created for the selected ALC in G-Invoicing, then they are pulled and created in the selected operating unit.

6. Are the GT&Cs one HTML form or can the requesting agency enter detailed criteria to support an order?

Answer: A servicing or requesting agency creates GT&C in the federal G-Invoicing application. Both agencies use the federal application to approve the GT&C. The requesting agency pulls the approved GT&C from the federal G-Invoicing application to EBS. Refer to "General Terms and Conditions (GT&C)", page 5-1 for more information on a GT&C. To Pull the GT&C data from the federal G-Invoicing application into EBS, see Pulling GT&Cs, page 2-18.

7. Are requesting agencies responsible for creating their own groups in federal G-Invoicing?

Answer: Yes, requesting agency must create groups. Refer to "Organizational Groups in G-Invoicing and Oracle E-Business Suite", page 2-11 for more details.

8. Does the EBS G-Invoicing solution allow customization of seeded programs or extract logic? Are there client extensions available to make and deploy agency (MROi) specific requirements to the federal G-Invoicing system?

Answer: The EBS G-Invoicing solution provides custom hooks for both the requesting and servicing side features. Agencies can add their defaulting logic and validations using these custom hooks.

9. What is the file transfer mechanism between agency (MROi) and the G-Invoicing system, is it a direct push and pull process?

Answer: The EBS G-Invoicing solution provides several pull and push programs to retrieve data from the Federal G-Invoicing application into EBS and push then push the data back to the Federal G-Invoicing application after processing these data. EBS G-Invoicing provides the following interface programs:

- Intragovernmental Groups for Agency Interface Program (for pulling Groups and TAS-BETCs Details)
- Intragovernmental Agreements (GT&C) Interface Program
- Intragovernmental Groups for GT&C Interface Program
- Intragovernmental Orders Interface Program
- Intragovernmental Performance Interface Program
- Intragovernmental Performance Integration to Payables
- Intragovernmental Performance Integration to Receivables

- PRC: Process Mass Submission Performances for G-Invoicing (submit multiple (mass submission) performances for orders)

10. Does every order need a requisition?

Answer: No, not every IGT order requires a requisition. The EBS G-Invoicing solution supports all intragovernmental (IGT) orders created without requisitions as well as orders created from requisitions. For details on IGT Requisitions, see "IGT Requisitions.", page 5-4

11. How do buyers place requisitions with the correct GT&C during the IGT order creation process? Does the requisition process have fields for program offices to input the GT&C?

Answer: Oracle iProcurement lets you create IGT requisitions and commit funds. The role *ICX: Intragovernmental Request Access Role* lets you enable the Intragovernmental Request subtab in the Shop tab. If the responsibility or user has this role access, then the Intragovernmental Request subtab appears.

Requisitions can be created using either Oracle Purchasing (using the Oracle Forms user interface) or Oracle iProcurement (using the web interface). Agencies can also create Military Interdepartmental Purchase Requisitions (MIPR) using intergovernmental requisitions in Oracle Contract Lifecycle Management for Public Sector, iProcurement. In the EBS G-Invoicing solution, the GT&C number is mandatory and it must be in the Open for Orders status to create an IGT Order. For details on IGT Requisitions, see "IGT Requisitions.", page 5-4

12. Do PDOI get updated for G-Invoicing?

Answer: The EBS G-Invoicing solution provides APIs to create IGT orders pulled from federal G-Invoicing.

13. What are Oracle's plans to automate requesting side settlement processing (payables invoices and payments)?

Answer: The EBS G-Invoicing solution provides the concurrent program, *Intragovernmental Performance Integration to Payables*, that creates invoices and settles payments.

14. Is there required setup for connecting to the TLS and the SSL web-logic server? Are agencies required to download an XML schema from Treasury and populate it in the schema path (from G-Invoicing Options window) or does Oracle provide any . XSD files? Can these files be customized?

Answer: Certificate details are covered in the "**Entering Security Certificate Details**" and "**Place Certificate Files**" topics. Set the TrustStore Path field as follows:

```
/u01/R122_EBS/fs2/EBSapps/appl/po/12.0.0/ginvoicing/testserver.jks
```

Set the following value in the KeyStore Path field:

15. When an order modification is in progress and the order is not in an open status, can performance transactions be submitted? Do the transactions automatically resubmit when the order status is open?

Answer: The concurrent program *Intragovernmental Performance Interface program*, lets you process error documents. For more details on processing error documents, refer to the instructions for running this program.

16. How does workflow function with Buyer Work Center? What roles are needed to complete a IIA in BWC end-to-end (requisition, award, invoice approval, payment)? Can payments exist in suspense accounts when there are issues with invoices? How will the line, shipment, and distribution in Oracle Purchasing processed to line and schedule in federal G-Invoicing?

Answer: For the approval workflow process, the EBS G-Invoicing solution uses Approvals Management Engine (AME Administration). See "Setting Up AME Administration.", page 3-12 Oracle has not made any changes to the existing subledger accounting (SLA). You can configure SLA for your business requirement to perform additional accounting. The G-Invoicing order line maps to the EBS IGT order line and the G-Invoicing order schedule maps to EBS IGT order line schedule and distribution. Refer to "Mapping of G-Invoicing Business Objects in Oracle E-Business Suite.", page 1-7

17. What logic does Oracle use to determine what IGT orders are sent to federal G-Invoicing, as direct citations are not processed in G-Invoicing? How are these sent to customs? Can an order be accepted as both reimbursable and direct citation?

Answer: If an order is reimbursable or direct citation is known as MIPR (DD 448-2) acceptance is recorded by the requesting agency. If it is reimbursable, the MIPR is converted to an IGT Order. If the MIPR acceptance is a direct citation, then the requisition does not become an IGT Order and it is not interfaced to the federal G-Invoicing application.

18. The federal G-Invoicing application does not require a requesting agency to provide a receipt when the order is FOB Source or FOB Destination and the constructive receipt time. Will Oracle E-Business Suite G-Invoicing require receipt and acceptance in such situations? Do buyers have to create receipts and attach supporting documents and send them to the federal G-Invoicing application though it is not required by the application. When are the accruals posted – is it during the IGT orders transaction or on receiving the receipt?

Answer: The receipt is optional only when the FOB is source but it is mandatory when the FOB is destination, as the settlement is recorded on the receipt. When the CRD (constructive receipt days) are passed, the receipt is created automatically by federal G-Invoicing. When you record receipts (FOB source or destination), EBS pushes a received or accepted performance to the federal G-Invoicing application.

Accruals are posted based on deferred payment via journal entries. The servicing agency creates deferred performance payments as accruals. Refer to "Performance Accounting for Intragovernmental Transactions", page 5-53 and "Using Deferred Performance", page 6-61 for more details on FOB source and destination and on deferred performance.

19. Will Oracle add additional required roles and responsibilities for the preparer, POC, funding official, and program manager?

Answer: Oracle will not be adding additional roles or responsibilities. The preparer will use CLM and Purchasing responsibilities. The funding and program officials are notified to sign and or approve the IGT Order.

20. Should the GT&C status be open to create an IGT Order?

Answers: Yes, the GT&C must be in an open status. Groups associated with the GT&C (based on DII and subordinate groups defined in the federal G-Invoicing application) are pulled into EBS from G-Invoicing and stored. When creating an IGT order referring the GT&C, applicable groups appear in LOV.

21. Will Oracle require an order to be submitted as two orders or a single order which can be sent to the federal G-Invoicing application as two separate orders.

Answer: The FOB option is at the header level in Oracle, so the order to be submitted must be two orders. The FOB source and destination within the federal G-Invoicing application is at the header level data element which prevents a single order being processed as both.

22. In Oracle Project Billing, a single agreement can be used to fund multiple projects. However, associating IGT orders, lines, and schedules with projects only allows the orders, lines, and schedules to be funded to a single project. Is there a way to split the funding to multiple projects?

Answer: The EBS G-Invoicing solution only supports the association of one order with one project.

23. Each IGT order, order line, and order line schedule must be mapped to a unique project top task. Each performance obligation line must be assigned to a unique top task. Is there a specific reason for this? This would require a separate top task for each order line schedule from the requesting agency order, which increases the workload on the servicing agency side. Is there any option available to map multiple performance obligation lines to a single top task?

Answer: Currently, the EBS G-Invoicing solution supports a one-to-one mapping between the top task and the performance obligation line to ensure the task-level funding and for tracking of performance at the order line schedule level. For an IGT reimbursable order, costs must not exceed the order line schedule value to ensure the cost for the task does not exceed the order line schedule value. Since the revenue and cost must be maintained within the order line schedule level, the task

link becomes mandatory. When linking multiple order line schedules to a single task, there is no clear demarcation of when the performance should be reported to which order line schedule.

24. Will Oracle support a single ALC for multiple existing EBS vendor and vendor site records?

Answer: The EBS G-Invoicing solution derives the vendor and vendor site for a GT&C and the order, and it is assumed that each agency location code (ALC) relates to a unique EBS vendor site record. There are situations where a single ALC may map to multiple entities that could exist as different vendors and vendor sites. Oracle provides *po_custom_igt_pkg.set_gtc_related_info* and *po_custom_igt_pkg.derive_order_vendor_info* custom integration hooks for deriving a vendor_id and vendor_site_id for a GT&C and an order.

Group IDs are unique in the EBS G-Invoicing solution. An agency can use the group_ID to uniquely identify a vendor and vendor site to default the values. Otherwise, the agency can select the vendor and vendor site from an LOV when creating an order.

25. The PO receipts created by the *Intragovernmental Performance Integration to Receiving Program* creates 3-way match shipments where the invoice match option is set to receipt. Can G-Invoicing users set the invoice match option to match purchase orders, like other Purchasing users can?

Answer: Currently, the EBS G-Invoicing solution only supports three-way matching to receipts and not to purchase order. In the case of FOB destination, a receipt is mandatory and expenses are accounted when the receipt is created. When the seller submits a delivered performance, CLM Purchasing creates a receipt using the concurrent program *Intragovernmental Performance Integration with Receiving Program*. For more details about performance accounting, refer to "Performance Accounting for Intragovernmental Transactions", page 5-53

26. Can a requesting agency pull an IGT order into EBS (after it has been approved by the servicing agency) and then approve the IGT Order in EBS? Can this second approval of the IGT order be automated?

Answer: You can approve the order directly from EBS without logging in to the federal G-Invoicing application.

27. Is there any additional benefit to upgrade to the Oracle Applications Release 12.2.11? The customer is planning to upgrade to Oracle Applications 12.2.10 and has a single operating unit setup.

Answer: The EBS G-Invoicing solution requires customers to be using the Oracle Application Release 12.2.7 or later.

28. In the EBS G-Invoicing solution how is accounting generated for the budget baseline? The submit button in the form is disabled. Do agencies have to configure

anything to generate the budget baseline accounting. When is accounting generated in EBS G-Invoicing? What events are triggered at the time of an order approval?

Answer: The Budget Baseline program is not modified and is automated at the time of an order approval. To manage revenue budget manually and create the budget, set the profile option, **PA: Manage Revenue Budget Manually**. The workflow is invoked automatically.

29. Can a combination of agreement, project, and task be funded with multiple trading partner TAS (TP TAS) values in the EBS G-Invoicing solution? Can a single top task execute multiple order schedules?

Answer: The EBS G-Invoicing solution supports one top task mapped to one order line schedule and one performance obligation line.

30. Is implementation of Oracle Projects necessary for a requesting agency?

Answer: If you are not going to use EBS as the servicing agency, then the Oracle Projects implementation is not required.

A

Attributes and Usages for Templates in G-Invoicing

This appendix covers the following topics:

- Attributes and Usages
- Attribute Groups, Actions, and Functions for Templates in G-Invoicing

Attributes and Usages

This table lists attributes and usages for templates in G-Invoicing.

Template Name	Attribute Name	Attribute Group	Usage
General Terms and Conditions	General Terms and Conditions (GT&C) Number	Header Information	-
General Terms and Conditions	General Terms and Conditions (GT&C) Title	Header Information	-
General Terms and Conditions	Agreement Start Date	Header Information	-
General Terms and Conditions	Agreement End Date	Header Information	-
General Terms and Conditions	Agreement Type	Header Information	-

Template Name	Attribute Name	Attribute Group	Usage
General Terms and Conditions	Total Estimated Amount	Header Information	-
General Terms and Conditions	Termination Days	Header Information	-
General Terms and Conditions	Total Remaining Amount	Ordering Constraints	-
General Terms and Conditions	Enforce Total Remaining Amount Indicator	Ordering Constraints	-
General Terms and Conditions	Advance Payment Indicator	Ordering Constraints	-
General Terms and Conditions	Assisted Acquisitions Indicator	Ordering Constraints	-
General Terms and Conditions	Total Direct Cost Amount	Estimated Costs	General Information
General Terms and Conditions	Total Overhead Fees & Charges Amount	Estimated Costs	General Information
General Terms and Conditions	Explanation of Overhead Fees & Charges	Estimated Costs	General Information
General Terms and Conditions	Requesting Agency Identifier	Requesting Agency Information	General Information
General Terms and Conditions	Requesting Agency Location Code (ALC)	Requesting Agency Information	General Information
General Terms and Conditions	Requesting Scope	Requesting Agency Information	General Information
General Terms and Conditions	Requesting Roles	Requesting Agency Information	General Information

Template Name	Attribute Name	Attribute Group	Usage
General Terms and Conditions	Requesting Assisted Acquisitions	Requesting Agency Information	General Information
General Terms and Conditions	Requesting Clauses	Requesting Agency Information	General Information
General Terms and Conditions	Restrictions	Requesting Agency Information	General Information
General Terms and Conditions	Servicing Agency Identifier	Servicing Agency Information	General Information
General Terms and Conditions	Servicing Agency Location Code (ALC)	Servicing Agency Information	General Information
General Terms and Conditions	Servicing Agreement Tracking Number	Servicing Agency Information	General Information
General Terms and Conditions	Servicing Roles	Servicing Agency Information	General Information
General Terms and Conditions	Servicing Assisted Acquisitions	Servicing Agency Information	General Information
General Terms and Conditions	Servicing Clauses	Servicing Agency Information	General Information
General Terms and Conditions	Requesting Business Unit	Requesting Organization Structure	General Information
General Terms and Conditions	Requesting Cost Center	Requesting Organization Structure	General Information
General Terms and Conditions	Requesting Department Identifier	Requesting Organization Structure	General Information
General Terms and Conditions	Servicing Business Unit	Servicing Organization Structure	General Information

Template Name	Attribute Name	Attribute Group	Usage
General Terms and Conditions	Servicing Cost Center	Servicing Organization Structure	General Information
General Terms and Conditions	Servicing Department Identifier	Servicing Organization Structure	General Information
General Terms and Conditions	Requesting Attachment File Name	GT&C Attachments	General Information
General Terms and Conditions	Requesting Attachment File Alias	GT&C Attachments	General Information
General Terms and Conditions	Requesting Attachment Updated By	GT&C Attachments	General Information
General Terms and Conditions	Requesting Attachment Date/Time	GT&C Attachments	General Information
General Terms and Conditions	Servicing Attachment File Name	GT&C Attachments	General Information
General Terms and Conditions	Servicing Attachment File Alias	GT&C Attachments	General Information
General Terms and Conditions	Servicing Attachment Updated By	GT&C Attachments	General Information
General Terms and Conditions	Servicing Attachment Date/Time	GT&C Attachments	General Information
General Terms and Conditions	Servicing Attachment Date/Time	GT&C Attachments	General Information
General Terms and Conditions	Servicing Attachment Date/Time	GT&C Attachments	General Information

Template Name	Attribute Name	Attribute Group	Usage
General Terms and Conditions	Servicing Attachment Date/Time	GT&C Attachments	General Information
General Terms and Conditions	Servicing Attachment Date/Time	GT&C Attachments	General Information
General Terms and Conditions	Servicing Attachment Date/Time	GT&C Attachments	General Information
General Terms and Conditions	Requesting Initial Approval Signed Name	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Requesting Initial Approval Signed Title	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Requesting Initial Approval Signed Phone	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Requesting Initial Approval Signed Fax	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Requesting Initial Approval Signed Email	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Requesting Initial Approval Signed Date	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Requesting Final Approval Signed Name	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Requesting Final Approval Signed Title	Approval Information	Preparer and Approvals Information

Template Name	Attribute Name	Attribute Group	Usage
General Terms and Conditions	Requesting Final Approval Signed Phone	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Requesting Final Approval Signed Fax	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Requesting Final Approval Signed Email	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Requesting Final Approval Signed Date	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Servicing Initial Approval Signed Name	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Servicing Initial Approval Signed Title	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Servicing Initial Approval Signed Phone	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Servicing Initial Approval Signed Fax	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Servicing Initial Approval Signed Email	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Servicing Initial Approval Signed Date	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Servicing Final Approval Signed Name	Approval Information	Preparer and Approvals Information

Template Name	Attribute Name	Attribute Group	Usage
General Terms and Conditions	Servicing Final Approval Signed Title	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Servicing Final Approval Signed Phone	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Servicing Final Approval Signed Fax	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Servicing Final Approval Signed Email	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Servicing Final Approval Signed Date	Approval Information	Preparer and Approvals Information
General Terms and Conditions	Prepared Name	Preparer Information	Preparer and Approvals Information
General Terms and Conditions	Prepared Phone	Preparer Information	Preparer and Approvals Information
General Terms and Conditions	Prepared Email	Preparer Information	Preparer and Approvals Information
General Terms and Conditions	Closing Comments	Closing Comments	General Information
General Terms and Conditions	Requesting Group Name	Requesting Agency Information	General Information
General Terms and Conditions	Servicing Group Name	Servicing Agency Information	General Information

Template Name	Attribute Name	Attribute Group	Usage
General Terms and Conditions	Requesting Document Inheritance Indicator	Requesting Agency Information	General Information
General Terms and Conditions	Servicing Document Inheritance Indicator	Servicing Agency Information	General Information
General Terms and Conditions	Order Originating Partner Indicator	Ordering Constraints	General Information
General Terms and Conditions	Requesting Agreement Tracking Number	Requesting Agency Information	General Information
General Terms and Conditions	Requesting Group ID	Requesting Agency Information	General Information
General Terms and Conditions	Requesting Group Name	Requesting Agency Information	General Information
General Terms and Conditions	Requesting Group Description	Requesting Agency Information	General Information
General Terms and Conditions	Requesting Group Last Modified Date	Requesting Agency Information	General Information
General Terms and Conditions	Requesting Group Status	Requesting Agency Information	General Information
General Terms and Conditions	Servicing Group ID	Servicing Group Information	General Information
General Terms and Conditions	Servicing Group Name	Servicing Group Information	General Information
General Terms and Conditions	Servicing Group Description	Servicing Group Information	General Information
General Terms and Conditions	Servicing Group Last Modified Date	Servicing Group Information	General Information

Template Name	Attribute Name	Attribute Group	Usage
General Terms and Conditions	Servicing Group Status	Servicing Group Information	General Information
IGT Order Header Template	Group	Requesting Agency Information	General Information
IGT Order Header Template	Business Unit	Requesting Agency Information	General Information
IGT Order Header Template	Agency Location Code	Requesting Agency Information	General Information
IGT Order Header Template	Cost Center	Requesting Agency Information	General Information
IGT Order Header Template	Funding Office Code	Requesting Agency Information	General Information
IGT Order Header Template	Department ID	Requesting Agency Information	General Information
IGT Order Header Template	Funding Agency Code	Requesting Agency Information	General Information
IGT Order Header Template	Unique Entity ID	Requesting Agency Information	General Information
IGT Order Header Template	Order Tracking Number	Requesting Agency Information	General Information
IGT Order Header Template	Statutory Authority Fund Type Code	Requesting Agency Authority	General Information
IGT Order Header Template	Statutory Authority Fund Type Title	Requesting Agency Authority	General Information
IGT Order Header Template	Statutory Authority Fund Type Citation	Requesting Agency Authority	General Information
IGT Order Header Template	Program Authority Title	Requesting Agency Authority	General Information

Template Name	Attribute Name	Attribute Group	Usage
IGT Order Header Template	Program Authority Citation	Requesting Agency Authority	General Information
IGT Order Header Template	Group	Servicing Agency Information	General Information
IGT Order Header Template	Business Unit	Servicing Agency Information	General Information
IGT Order Header Template	Agency Location Code	Servicing Agency Information	General Information
IGT Order Header Template	Cost Center	Servicing Agency Information	General Information
IGT Order Header Template	Order Tracking Number	Servicing Agency Information	General Information
IGT Order Header Template	Department ID	Servicing Agency Information	General Information
IGT Order Header Template	Comments	Servicing Agency Information	General Information
IGT Order Header Template	Unique Entity ID	Servicing Agency Information	General Information
IGT Order Header Template	Statutory Authority Fund Type Code	Servicing Agency Authority	General Information
IGT Order Header Template	Statutory Authority Fund Type Title	Servicing Agency Authority	General Information
IGT Order Header Template	Statutory Authority Fund Type Citation	Servicing Agency Authority	General Information
IGT Order Header Template	Program Authority Title	Servicing Agency Authority	General Information
IGT Order Header Template	Program Authority Citation	Servicing Agency Authority	General Information

Template Name	Attribute Name	Attribute Group	Usage
IGT Order Header Template	Advance Revenue Recognition Methodology	Advance Information	General Information
IGT Order Header Template	Servicing Agency's Advance Payment Authority Title	Advance Information	General Information
IGT Order Header Template	Advance Revenue Recognition Description	Advance Information	General Information
IGT Order Header Template	Servicing Agency's Advance Payment Authority Citation	Advance Information	General Information
IGT Order Header Template	CPIC Screening Indicator	Billing Information	General Information
IGT Order Header Template	Billing Frequency	Billing Information	General Information
IGT Order Header Template	Priority Order Indicator	Billing Information	General Information
IGT Order Header Template	Billing Frequency Other Explanation	Billing Information	General Information
IGT Order Header Template	FOB Point	Delivery Information	General Information
IGT Order Header Template	Constructive Receipt Days	Delivery Information	General Information
IGT Order Header Template	Acceptance Point	Delivery Information	General Information
IGT Order Header Template	Place Of Acceptance	Delivery Information	General Information
IGT Order Header Template	Inspection Point	Delivery Information	General Information

Template Name	Attribute Name	Attribute Group	Usage
IGT Order Header Template	Place Of Inspection	Delivery Information	General Information
IGT Order Header Template	Buy or Sell Indicator	IGT Order Attachments	General Information
IGT Order Header Template	Name	IGT Order Attachments	General Information
IGT Order Header Template	Alias	IGT Order Attachments	General Information
IGT Order Header Template	Updated By	IGT Order Attachments	General Information
IGT Order Header Template	Date and Time	IGT Order Attachments	General Information
IGT Order Header Template	Request ID	IGT Order Attachments	General Information
IGT Order Header Template	Attachment URL	IGT Order Attachments	General Information
IGT Order Header Template	Attachment ID	IGT Order Attachments	General Information
IGT Order Header Template	Status	IGT Order Attachments	General Information
IGT Order Header Template	Role	Requesting Agency	Preparer and Approvals Information
IGT Order Header Template	Employee	Requesting Agency	Preparer and Approvals Information
IGT Order Header Template	Title	Requesting Agency	Preparer and Approvals Information

Template Name	Attribute Name	Attribute Group	Usage
IGT Order Header Template	Name	Requesting Agency	Preparer and Approvals Information
IGT Order Header Template	Telephone	Requesting Agency	Preparer and Approvals Information
IGT Order Header Template	Email	Requesting Agency	Preparer and Approvals Information
IGT Order Header Template	Fax	Requesting Agency	Preparer and Approvals Information
IGT Order Header Template	Date Signed	Requesting Agency	Preparer and Approvals Information
IGT Order Header Template	Role	Servicing Agency	Preparer and Approvals Information
IGT Order Header Template	Employee	Servicing Agency	Preparer and Approvals Information
IGT Order Header Template	Title	Servicing Agency	Preparer and Approvals Information
IGT Order Header Template	Name	Servicing Agency	Preparer and Approvals Information
IGT Order Header Template	Telephone	Servicing Agency	Preparer and Approvals Information
IGT Order Header Template	Email	Servicing Agency	Preparer and Approvals Information

Template Name	Attribute Name	Attribute Group	Usage
IGT Order Header Template	Fax	Servicing Agency	Preparer and Approvals Information
IGT Order Header Template	Date Signed	Servicing Agency	Preparer and Approvals Information
IGT Order Line Template	Capitalized Asset Indicator	Additional Item Information	Additional Information
IGT Order Line Template	FSC or PSC Code	Additional Item Information	Additional Information
IGT Order Line Template	UID Required Identifier	Additional Item Information	Additional Information
IGT Order Line Template	Product or Service Identifier	Additional Item Information	Additional Information
IGT Order Line Template	Severable Non Severable Code	Additional Item Information	Additional Information
IGT Order Schedule Template	Address Identifier	Shipping Information	General Information
IGT Order Schedule Template	Agency Title	Shipping Information	General Information
IGT Order Schedule Template	Address 1	Shipping Information	General Information
IGT Order Schedule Template	Location Description	Shipping Information	General Information
IGT Order Schedule Template	Address 2	Shipping Information	General Information
IGT Order Schedule Template	Special Shipping Information	Shipping Information	General Information

Template Name	Attribute Name	Attribute Group	Usage
IGT Order Schedule Template	Address 3	Shipping Information	General Information
IGT Order Schedule Template	Delivery POC Title	Shipping Information	General Information
IGT Order Schedule Template	City	Shipping Information	General Information
IGT Order Schedule Template	Delivery POC Name	Shipping Information	General Information
IGT Order Schedule Template	Postal Code	Shipping Information	General Information
IGT Order Schedule Template	Delivery POC Phone	Shipping Information	General Information
IGT Order Schedule Template	State	Shipping Information	General Information
IGT Order Schedule Template	Delivery POC Email	Shipping Information	General Information
IGT Order Schedule Template	Country	Shipping Information	General Information
IGT Order Distribution Template	TAS - SP	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	TAS - ATA	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	TAS - AID	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	TAS - BPOA	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	TAS - EPOA	Requesting Agency Funding Information	General Information

Template Name	Attribute Name	Attribute Group	Usage
IGT Order Distribution Template	TAS - A	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	TAS - Main	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	TAS - SUB	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Additional Accounting Classification	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Additional Information	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Agency Disbursing Identifier	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Object Class Code	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Bona Fide Need	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Agency Accounting Identifier	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Activity Address Code	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Activity Identifier	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Fiscal Year	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Budget Line Item	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Cost Center Identifier	Requesting Agency Funding Information	General Information

Template Name	Attribute Name	Attribute Group	Usage
IGT Order Distribution Template	Project Identifier	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Cost Element	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Federal Award Identification Number	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Functional Area	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Funding Center Identifier	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Reimbursable Flag Indicator	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Security Cooperation Case Designator	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Security Cooperation	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Security Cooperation Line Item Identifier	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Security Cooperation Implementing Agency	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Sub Allocation	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Unique Record Identifier	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Work Order Number	Requesting Agency Funding Information	General Information

Template Name	Attribute Name	Attribute Group	Usage
IGT Order Distribution Template	Parent Award Identifier	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	Procurement Instrument Identifier	Requesting Agency Funding Information	General Information
IGT Order Distribution Template	TAS - SP	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	TAS - ATA	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	TAS - AID	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	TAS - BPOA	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	TAS - EPOA	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	TAS - A	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	TAS - Main	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	TAS - SUB	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Additional Accounting Classification	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Additional Information	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Agency Disbursing Identifier	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Object Class Code	Servicing Agency Funding Information	General Information

Template Name	Attribute Name	Attribute Group	Usage
IGT Order Distribution Template	Accounting Classification Reference Identifier	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Agency Accounting Identifier	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Activity Address Code	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Activity Identifier	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Fiscal Year	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Budget Line Item	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Cost Center Identifier	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Project Identifier	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Cost Element	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Federal Award Identification Number	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Functional Area	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Funding Center Identifier	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Reimbursable Flag Indicator	Servicing Agency Funding Information	General Information

Template Name	Attribute Name	Attribute Group	Usage
IGT Order Distribution Template	Security Cooperation Case Designator	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Security Cooperation	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Security Cooperation Line Item Identifier	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Security Cooperation Implementing Agency	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Sub Allocation	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Unique Record Identifier	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Work Order Number	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Parent Award Identifier	Servicing Agency Funding Information	General Information
IGT Order Distribution Template	Procurement Instrument Identifier	Servicing Agency Funding Information	General Information
Requisition Header Template	Agency Identifier	Requesting Agency Information	IGT Agency
Requisition Header Template	Group	Requesting Agency Information	IGT Agency
Requisition Header Template	Agency Location Code	Requesting Agency Information	IGT Agency
Requisition Header Template	Agency Identifier	Servicing Agency Information	IGT Agency
Requisition Header Template	Group	Servicing Agency Information	IGT Agency

Template Name	Attribute Name	Attribute Group	Usage
Requisition Header Template	Agency Location Code	Servicing Agency Information	IGT Agency

Attribute Groups, Actions, and Functions for Templates in G-Invoicing

This table lists attribute groups with their corresponding actions and functions for templates in G-Invoicing.

Attribute Group	Default Action	Function
Requesting Agency Information	Requesting Agency Info Defaulting Action	Requesting Agency Info XD
Requesting Agency Information	Requesting Agency Info LOV Action	Requesting Agency Info XLE
Requesting Agency Information	Requesting Agency Info Submission Check	IGT Requesting Agency Info XSC
Requesting Agency Authority	Requesting Agency Authority Defaulting Action	Requesting Agency Authority Info XD
Requesting Agency Authority	Requesting Agency Authority Submission Check	IGT Requesting Authority XSC
Servicing Agency Information	Servicing Agency Info Defaulting Action	Servicing Agency Info XD
Servicing Agency Information	Servicing Agency Info LOV Action	Servicing Agency Info XLE
Servicing Agency Information	Servicing Agency Info Validation Action	Servicing Agency Info XV
Servicing Agency Information	Servicing Agency Info Submission Check	IGT Servicing Agency Info Submission Check
Delivery Information	Delivery Info Defaulting Action	IGT Delivery Info XD

Attribute Group	Default Action	Function
Delivery Information	Delivery Info Submission Check	IGT Delivery Info XSC
Requesting Agency	Default Preparer Approvals Info	Preparer Approvals Info XD
Requesting Agency	Preparer Approvals Info LOV Event	Preparer Approvals Info XLE
Requesting Agency	Requesting Agency Preparer Approval Info Submission Check	IGT Requesting Agency Prepare Approvals Info XSC
Servicing Agency	Servicing Agency Default Preparer Approvals Info	Servicing Agency Preparer Approvals Info XD
Additional Information	IGT Additional Item Info Defaulting	IGT Additional Item Info Defaulting
Additional Information	IGT Additional Item Info Submission Check	IGT Additional Item Info Submission Check
Shipping Information	Shipping info Submission check	IGT Shipment Info XSC
General Information	Requesting Agency Funding Info Defaulting Action	Requesting Agency Funding Info XD
General Information	Requesting Agency Funding Info Submission Check	Requesting Agency Funding Info XSC
IGT Agency	Requesting Agency Info Defaulting Action	PR Requesting Agency Info XD
IGT Agency	Requesting Agency Info LOV Action	PR Requesting Agency Info XLE
IGT Agency	Servicing Agency Info Defaulting Action	PR Servicing Agency Info XD
IGT Agency	Servicing Agency Info LOV Action	PR Servicing Agency Info XLE

Index

Symbols

7600EZ Invoicing
Support in CLM or Purchasing, 5-85

A

Accepting or Rejecting an EZ Invoice, 5-90
Adjustments to Advance Enabled Orders, 6-78, 6-96
Advance Enabled Orders
Adjustments, 6-78, 6-96
Advance-Enabled Orders, 1-24
Agency Location Code, 3-5
ALC, 3-5
AME Administration, 3-12
Setting Up, 3-12
APIs and Client Extensions for EZ Invoicing, 6-145

B

BETC, 3-11
BIO and SFO
Created in Federal G-Invoicing, 1-20
BIO and SFO Created in G-Invoicing, 1-20
Buyer-Initiated Order, 1-10, 1-20
Process Flow, 1-10

C

Certificate Files, 3-4
Configuring DFFs, 2-26
Create an EZ Invoice, 6-137
Creating Agreement

For an Easy Invoice, 6-134
Creating Agreement for Easy Invoice, 6-134
Creating Agreement for Easy Invoice from the GT&C, 6-134
Creating an IGT order, 5-28
Creating PPQs in Federal G-Invoicing, 6-128
Credit Memo
Reverse an EZ Invoice, 6-141

D

Delete
Easy Invoice, 6-140
Easy Invoice in Draft Status, 6-139
Delete an EZ Invoice in a Pending Status, 6-140
Delete an EZ Invoice in the Draft Status, 6-139
Descriptive Flexfield, 3-17
Draft EZ Invoice
Delete, 6-139

E

Easy Agreement
Updating, 6-136
Easy Invoice
APIs and Client Extensions, 6-145
Create, 6-137
Creating an agreement, 6-134
Delete, 6-139, 6-140
Reverse, 6-140
Submit, 6-138
EZ Agreement
Updating, 6-136
EZ Invoice, 6-130

- Accepting or Rejecting, 5-90
- APIs and Client Extensions, 6-145
- Create, 6-137
- Creating an agreement, 6-134
- Delete, 6-139
- Mass Submission, 6-132
- Pulling, 5-88
- Reverse, 6-140
- Submit, 6-138
- EZ Invoicing
 - Support for, 5-85

F

- FAQs, 8-1
- Frequently Asked Questions, 8-1

G

- G-Invoicing
 - General Terms and Conditions (GT&Cs), 5-1
 - IGT Modifications, 5-42
 - IGT Orders, 5-26
 - IGT Performance, 5-49
 - Intragovernmental Agreements (GT&C)
 - Interface Program
 - pulling GT&Cs, 2-18
 - Intragovernmental Groups for Agency Interface Program
 - pulling organizational groups and data, 2-17
 - Intragovernmental Groups for GT&C Interface Program
 - pulling groups for GT&Cs, 2-20
 - Intragovernmental Orders Interface Program
 - pushing or pulling groups IGT orders, 2-21
 - Intragovernmental Performance Interface Program
 - pulling or pushing performance records, 2-22
 - Intragovernmental TAS-BETCs for Group Interface Program
 - pulling TAS-BETCs details for a group, 2-17
 - organizational groups, 2-11
 - Profile Options, 3-3
 - setting access control, 2-12

- setting up, 2-1
- Setting Up, 3-4
- Setup, 3-2
- G-Invoicing Business Objects Mapping, 1-7
- G-Invoicing Dashboard, 4-2
- G-Invoicing Options, 2-15, 3-4
- G-Invoicing Overview, 1-1
- G-Invoicing Setup Tasks], 3-2
- Group information viewing, 2-25
- Group Security, 3-12

I

- IFO, 6-122
 - BIO Modification, 6-126
 - Modifying Buyer-Initiated IFO, 6-126
 - Modifying SFO, 6-127
 - Pull, 6-125
 - SFO Modifying, 6-127
- Importing PPQs in Federal G-Invoicing, 6-128
- In-Flight Order (IFO), 5-84
 - Impact on CLM or Purchasing, 5-84
 - Pulling into CLM or Purchasing, 5-82
 - Support from the Requesting Agency, 5-80
 - Support in CLM PO, 5-80
- In-Flight Order (IFO) from Requesting Agency Support for, 5-80
- In-Flight Orders, 6-122
- Intragovernmental 7600EZ Invoice Interface Program, 5-87
- Intragovernmental 7600EZ Invoice Interface Program, 3-21
 - Pulling or Pushing, 3-21
- Intragovernmental Performance Integration with Oracle Payables, 2-23
- Intragovernmental Performance Integration with Receiving, 2-24

M

- Mass Submission
 - EZ Invoice, 6-132
- Mass Submission of EZ Invoice, 6-132
- Modifying Buyer-Initiated In-Flight Orders, 6-126
- Modifying Seller-Facilitated In-Flight Orders, 6-127

N

Non-Advance Enabled Orders, 1-29
 Process flow, 1-29

O

Objects Mapping
 G-Invoicing, 1-7
Oracle E-Business Suite and the Federal G-
Invoicing Application Work Together, 1-3
Orders
 Advanced-enabled, 1-24
Overview
 G-Invoicing, 1-1

P

Pending EZ Invoice
 Delete, 6-140
 Reject, 6-142
Placing the Certificate Files, 3-4
PPQ, 5-84, 6-129
 Pulling into EBS, 6-129
PPQs
 Importing or Creating , 6-128
Previously Settled Quantity, 5-84
Process flow, 1-24, 1-29
Product prerequisites for servicing agency, 3-2
Projects Command Center Configuration, 4-2
Pulling an EZ Invoice, 5-88
Pulling PPQs into EBS, 6-129

R

RBAC Setup, 4-1
Reject
 EZ Invoice, 6-142
Reject an EZ Invoice in a Pending Status, 6-142
Request status viewing, 2-25
Reverse
 Easy Invoice, 6-140
Reverse a 7600EZ Invoice, 5-94
Reverse an EZ Invoice with a Settled Status, 6-
140
Reverse a Settled EZ Invoice
 With Credit Memo, 6-141

S

Schema Details, 2-15
Security Certificate, 2-15
Seller-Facilitated Order, 1-15, 1-20, 6-27
 Created in EBS, 1-15
 Creating, 6-27
Servicing agency
 Product prerequisites, 3-2
Servicing Agency
 Pulls IFO, 6-125
Servicing Agency Pulls IFOs, 6-125
Setting Up
 Agency Location Code (ALC), 3-5
 G-Invoicing Options, 3-4
 Transaction Types in Receivables, 3-8
Setting Up Agreement Type, 3-8
Setting Up AME Admin, 3-12
Setting Up Descriptive Flexfield (DFF), 3-17
Setting Up DFF, 3-17
Setting Up Enterprise Command Center, 4-1
Setting Up RBAC for ECC, 4-1
Setting Up Receivables, 3-5
Setting Up TAS and BETC, 3-11
Setting Up UOM, 3-10
Setup
 G-Invoicing, 3-2
Setups for 7600 Easy Invoice, 6-131
SFO, 6-27
Submit
 Easy Invoice, 6-138
Submit an EZ Invoice, 6-138
Support for EZ Invoicing, 5-85
System IDs, 2-15

T

TAS, 3-11
TAS and BETC
 Setting Up, 3-11
Transaction Type
 In Receivables, 3-8

U

UOM
 Setting Up, 3-10

Updating

EZ Agreement, 6-136

Updating EZ Agreement, 6-136