

**Oracle® Demantra Sales and Operations
Planning Integration Pack for Hyperion
Planning 2.5 - Implementation Guide**

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Oracle Demantra Sales and Operations Planning Integration Pack for Hyperion Planning 2.5 - Implementation Guide

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Preface

This preface discusses:

- Oracle Application Integration Architecture - Foundation Pack: Core Infrastructure Components Guide
- The Oracle Application Integration Architecture - Foundation Pack: Concepts and Technologies Guide
- Oracle Application Integration Architecture - Foundation Pack: Integration Developer's Guide
- Oracle Application Integration Architecture Process Integration Packs
- Oracle Data Integration User's Guide
- Oracle Demantra User's Guide
- Oracle Demantra Sales and Operations Planning User's Guide
- Oracle Demantra Implementation Guide
- Oracle Hyperion Planning User's Guide
- Oracle Hyperion Planning Administrator's Guide
- Additional Resources

Oracle Application Integration Architecture - Foundation Pack: Core Infrastructure Components Guide

The *Oracle Application Integration Architecture - Foundation Pack: Core Infrastructure Components Guide* provides conceptual, setup, and usage information for the following Core Infrastructure Components:

- The Business Service Repository (BSR).
- The Composite Application Validation System (CAVS).
- Error handling and logging.
- The Diagnostics Framework.

Oracle Application Integration Architecture Foundation Pack Concepts and Technologies Guide

The *Oracle Application Integration Architecture - Foundation Pack: Concepts and Technologies Guide* is a companion volume to the *Oracle Application Integration Architecture - Foundation Pack: Core Infrastructure Components Guide* and *Oracle Application Integration Architecture - Foundation Pack: Integration Developer's Guide*. The *Oracle Application Integration Architecture - Foundation Pack: Concepts and Technologies Guide* provides definitions of fundamental Oracle Application Integration Architecture (AIA) concepts and discusses:

- Oracle AIA.
- Enterprise business objects and enterprise business messages.
- Enterprise business services.
- Application business connector services.
- Interaction patterns.
- Extensibility.
- Versioning.
- Business processes.
- Batch processing.
- Infrastructure services.
- Security

Oracle Application Integration Architecture - Foundation Pack: Integration Developer's Guide

The *Oracle Application Integration Architecture - Foundation Pack: Integration Developer's Guide* is a companion volume to *Oracle Application Integration Architecture - Foundation Pack: Concepts and Technologies Guide* and *Oracle Application Integration Architecture - Foundation Pack: Core Infrastructure Components Guide*.

The *Oracle Application Integration Architecture - Foundation Pack: Integration Developer's Guide* discusses how to:

- Create an integration scenario.
- Define business service patterns.
- Design and develop enterprise business services.
- Design and develop enterprise business flows.
- Design and construct application business connector services.
- Work with message transformation, enrichment, and configuration.

- Develop custom xpath functions.
- Design and construct JMS Adapter services.
- Work with enterprise message headers.
- Work with message routing.
- Work with transactions.
- Develop Oracle AIA services to work with the Composite Application Validation System (CAVS).
- Configure Oracle AIA processes to be eligible for error handling and logging.
- Extend enterprise business objects.

In addition, this book provides Application Integration Architecture naming standards.

Oracle Application Integration Architecture Process Integration Packs

A process integration pack (PIP) is a prebuilt set of integrated orchestration flows, application integration logic, and extensible enterprise business objects and services required to manage the state and execution of a defined set of activities or tasks between specific Oracle applications associated with a given process. A PIP provides everything you need to deploy a selected integrated business process area. The PIP product offering is suited to those customers seeking to rapidly implement a discreet business process.

Oracle Data Integration User's Guide

The *Oracle Data Integration User's Guide* discusses how to:

- Use the ODI Designer
- Use the ODI Topology Manager
- Use the ODI Operator
- Use the ODI Agent
- Use the Security Manager

Oracle Demantra User's Guide

The *Oracle Demantra 7.3 User's Guide* discusses how to:

- Get started with the Collaborator Workbench
- Manage tasks
- Use content panes
- Use the members browser content pane

- Personalize the Collaborator Workbench
- Create and redefine content panes
- Log into Demantra remotely
- Create and modify worksheets
- Design the worksheet layout with graphs and views
- Run simulations and create forecasts
- Work offline

Oracle Demantra Sales and Operations Planning User's Guide

The *Oracle Demantra 7.3 Sales and Operations Planning User's Guide* discusses how to:

- Use Sales and Operations Planning Worksheets
- Use Sales and Operations Planning Workflows
- Configure Sales and Operations Planning Workflows
- Work collaboratively to create consensus forecasts

Oracle Demantra Implementation Guide

The *Oracle Demantra 7.3 Implementation Guide* discusses how to:

- Manage security
- Configure organizations, levels, series, units, and time units
- Configure integration interfaces and data profiles
- Create and manage workflows
- Configure methods

Oracle Hyperion Planning User's Guide

The *Oracle Hyperion Planning Fusion Edition Release 11.1.1 User's Guide* discusses how to:

- Work with task lists
- Work with data forms
- Enter data
- Work with business rules
- Adjust and spreading data

- Work with supporting detail
- Work with currencies
- Manage planning units
- Set up user preferences

Oracle Hyperion Planning Administrator's Guide

The *Oracle Hyperion Planning Fusion Edition Release 11.1.1 Administrator's Guide* discusses how to:

- Set up access permissions
- Manage planning databases
- Load data and metadata
- Use data forms
- Manage the budgeting process
- Work with applications
- Work with menus
- Work with classic application administration
- Customize planning web client
- Customize data forms with JavaScript

Additional Resources

The following resources are available:

Resource	Location
Installation Guide	Metalink https://metalink.oracle.com/
Documentation updates	Metalink https://metalink.oracle.com/
Release Notes	Oracle Technology Network http://www.oracle.com/technology/
Known issues, workarounds, and current list of patches	Metalink https://metalink.oracle.com/

Chapter 1: Understanding the Demantra Sales and Operations Planning - Hyperion Planning Integration

This chapter provides an overview of the direct process integration for Demantra Sales and Operations Planning to Hyperion Planning and discusses the:

- Architectural process
- Integration points
- Business processes

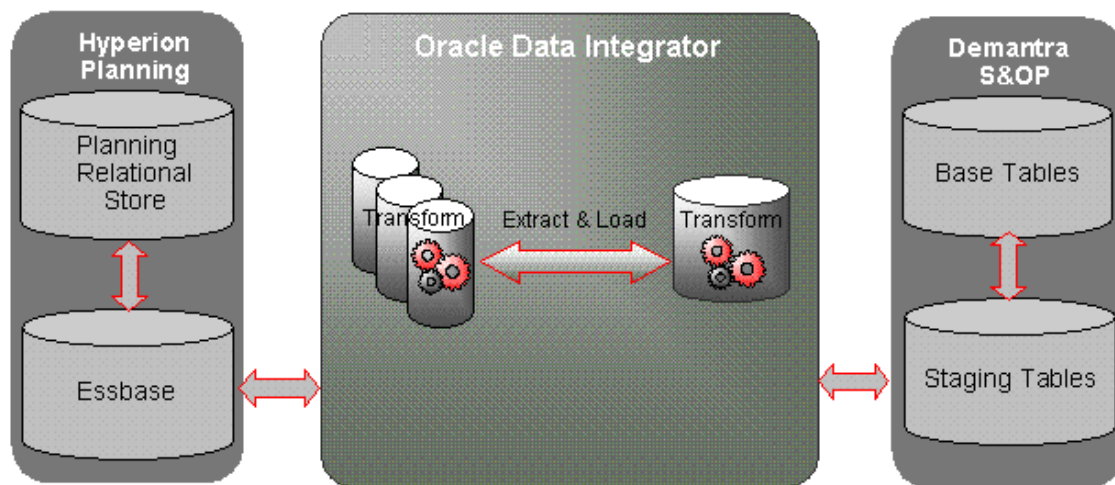
Demantra Sales and Operations Planning - Hyperion Planning Integration Overview

Accurately predicting revenue and operating performance is a daunting challenge facing many enterprises today. Despite awareness of the adverse impact of missed forecasts on their business plans, the most common solution for budgeting and planning is still a disconnected spreadsheet that makes the planning process unreliable and inefficient. The resulting long budget cycles and forecasting inaccuracies prevent responsiveness to change, causing companies to miss business opportunities while wasting money and resources on declining business segments. By integrating Oracle Hyperion Planning and Oracle Demantra, top-down planning and bottom-up planning can be linked to improve the accuracy and reliability of annual plans, budgets and financial forecasts.

The Demantra S&OP-Hyperion Planning integration includes a set of interfaces, pre-seeded worksheets, workflows, methods, and data series.

Architectural Process

Oracle Hyperion Planning and Oracle Demantra exchange information through the use of the Oracle Data Integrator (ODI) Adapter for Hyperion Planning, the Oracle Data Integrator (ODI) to transform the data, and Oracle Demantra integration interfaces and workflows as shown in the following diagram:



Demantra S&OP-Hyperion Integration Process

The integration processes can be run when required from Demantra worksheets, workflows or ODI.

Integration Points Overview

The following integration points are part of the integration between the Oracle Demantra Sales and Operations Planning module and Hyperion Planning applications.



Demantra S&OP-Hyperion Integration Points

The following table details the frequency and recommended load for each integration point is detailed below:

Interface	Flow	Suggested Frequency
Hyperion Import	Hyperion to Demantra	Quarterly or monthly
Hyperion Export	Demantra to Hyperion	Weekly or monthly

Business Processes

1. The Chief Financial Officer develops the annual plan using a bottom-up planning process followed by top-down budget. The financial forecast is a refinement of the budget and includes actuals for historical periods.
2. The annual plan, budget and financial forecast (all currency) are exported and used in Demantra S&OP as financial performance targets to compare with the consensus forecast (in currency).
3. The S&OP Manager compares the financial forecast with the Demantra baseline forecast to identify gaps between the revenue predicted by the Demantra's bottom-up forecast and Hyperion's top-down financial plan.
4. A consensus forecast is developed collaboratively in Demantra S&OP.
5. To increase demand and close revenue gaps, promotions are adjusted or created in Demantra's Promotion Trade Planning. A demand plan and a supply plan are generated.
6. Value Chain Planning is used to balance constrained supply and unconstrained demand by evaluating costs and constraints. A feasible solution is returned to Demantra S&OP.
7. Additional capacity planning is performed in Demantra S&OP. The resulting consensus forecast (currency and units) and cost of goods sold (currency) are exported from Demantra to Hyperion weekly (or another regular frequency).
8. Revenue and profitability targets are monitored in Hyperion.

Chapter 2: Demantra Sales and Operations Planning Integration to Hyperion Planning Setup

This chapter provides an overview of the prerequisites and the installation process and discusses how to:

- Synchronize Hyperion and Demantra Data models
- Set up Demantra integration interfaces and data profiles

Prerequisites

Verify your software versions before installing and configuring Oracle Siebel to integrate with:

- Oracle Demantra version 7.3
- Oracle Hyperion 11.1.1
- Oracle Data Integrator 10.1.3.5.3
- Java JDK 5.0 update 16 or greater
- AIA 2.5

Setup Overview

The following steps are required to set up the integration between Oracle Demantra and Oracle Hyperion Planning.

1. Install and configure Demantra version 7.3.
2. Install and configure Hyperion Planning version 11.1.1.
3. Ensure that the Demantra and Hyperion Planning data models are synchronized for organizations, products, and time periods.

For more information see “Synchronizing Hyperion Planning and Demantra Data Models”

4. Install and configure Oracle Data Integrator version 10.1.3.5.3.
5. Install and configure the Oracle Demantra Sales and Operations Planning Integration to Hyperion Planning PIP. Complete post-installation configurations.

For more information see the *Oracle Applications Integration Architecture 2.5: Installation and Upgrade Guide*

6. Customize the Demantra integration interface.

Synchronizing Hyperion Planning and Demantra Data Models

Before integrating Hyperion Planning with Demantra, the data models must align in the following ways:

- Entity dimension in Hyperion Planning (at the leaf level) must map into the Organization dimension in the Demantra model (at the leaf level).
- Product dimension exists in the Hyperion Planning model. This is optional but it is recommended to align with Demantra Product Category level as part of S&OP best practice
- Accounts corresponding to Operating Revenue, Units, Revenue Forecast and Cost of Sales exist in the Hyperion Planning model.
- Time dimension is consistent between Hyperion Planning and Demantra at some level. Assumed that Hyperion Planning fiscal model in quarters and Demantra model in weeks.
- All metadata in synch between Hyperion Planning and Demantra at least at the leaf level. Although hierarchies may be different between Hyperion Planning and Demantra given the differences in the Hyperion Planning objectives, but the leaf level meta data should be identical.
- All volume data must exist in a common unit of measure and this common unit of measure is consistent between Hyperion Planning and Demantra (units and revenue)
- Annual Plan, Budget, and Financial Forecast are typically modeled for at least 24 months of history and at least 12-24 months of forecast.
- Consensus Forecast is usually a rolling forecast for the next 18-24 months.
- Unit Price is modeled at the item level in Demantra but Consensus Forecast value is exported at the level of the integration.
- Unit Cost is modeled at the item level in Demantra but Cost of Sales exported at the level of the integration.
- Consistent pricing in Hyperion Planning and Demantra required.
- An account, a scenario, and a version can be identified in Hyperion Planning to act as the source of data for exporting to Demantra. For example, Account = Operating Revenue, Scenario = Budget, Version = Approved in Hyperion maps to Budget Value series in Demantra.

Maintaining the metadata for Hyperion Planning and Demantra is done separately using the standard process for adding or modifying data in each application.

If there is any change to the data structure after the data has been maintained, errors will be generated when the integration packages are run. To resolve synchronization issues, the administrator needs to determine what changes must to be made to either the Hyperion Planning or Demantra data to synchronize the two systems again.

Setting Up Demantra Integration Interfaces and Data Profiles

Demantra includes two integration interfaces to support the Hyperion Import and Hyperion Export integrations. These two integrations contain data profiles that support the three levels of data transfers available for each integration. They are:

Integration Interface	Data Profiles
Hyperion Export Description: Exports financial data to Hyperion Default series: Consensus Forecast, Consensus Forecast Value, Cost of Sales	Hyperion Export (Org) Hyperion Export (Org, Category) Hyperion Export (Org, Item)
Hyperion Import Description: Imports financial data from Hyperion Default series: Annual Plan Value, Budget, Financial Forecast Value	Hyperion Import (Org) Hyperion Import (Org, Category) Hyperion Import (Org, Item)

By default, all data profiles use quarter time buckets and a relative time period. You must set the start date and fix the time filter before you run the integration.

To modify an integration interface data profile:

1. With the Demantra web server running, launch the Business Modeler application.
2. From the Tools menu, choose Integration Interface.
3. Choose the integration interface you want to customize and click OK. Your choices are:
 - Hyperion Export
 - Hyperion Import
4. Click Next.
5. Choose the data profile you want to customize and click Create/Modify. The data profile interface details are displayed.
6. Click Data Profile Series box to change the series being transferred.
7. Click Data Profile Time box to change the time scaling, time period start and end date.

For example, if the Hyperion Period is set to 'Quarter' and Demantra base time unit is 'Week', set the "From Date" as the first day of the Hyperion quarter in a fiscal year. Ensure "Time Filtering" is set to 'Fixed'. Update the "From Date" for this integration data profile on a fiscal yearly basis to align Hyperion Planning and Demantra dates.

8. Click Data Profile Filter(s) box to filter the data transferred.
9. Click Finish.

- 10. Exit the Business Modeler.**
- 11. Restart the Demantra application server to apply the changes to the integration interface data profiles.**

Chapter 3: Running Integrations

Once the S&OP – Hyperion Planning integration components have been configured and tested, the integration scenarios can be run and scheduled. The process is as follows:

1. Start the Agent.
2. Launch the integration scenarios using your preferred method.
3. View the progress of the scenarios, if desired.
4. Review the log file results if errors.

This section provides information about the:

- S&OP – Hyperion Planning Integration PIP Agent
- Launching Options

For more information about viewing the process of the scenarios and logging, see the *Oracle Data Integration User's Guide*.

S&OP – Hyperion Planning Integration PIP Agent

The S&OP - Hyperion Planning Integration PIP agent must be up and running before executing any scenario from ODI, Demantra worksheet, or Demantra workflow. This section includes information about:

- Launching S&OP – Hyperion Planning Integration PIP Agent
- Stopping the S&OP – Hyperion Planning Integration PIP Agent

Launching S&OP – Hyperion Planning Integration PIP Agent

A specially designed PIP agent has been created to support the S&OP – Hyperion Planning integration.

To start the S&OP – Hyperion Integration PIP Agent:

1. From the <AIA_HOME>\PIPS\Core\DIS\DemantraHyperion\agent directory, run the start_odi_agent.bat file (or start_odi_agent.sh in Linux). The agent is launched as a listener.

Stopping S&OP – Hyperion Planning Integration PIP Agent

When not using integration, you can stop the S&OP – Hyperion Planning Integration PIP agent.

To stop the S&OP – Hyperion Integration PIP Agent:

1. From the <AIA_HOME>\PIPS\Core\DIS\DemantraHyperion\agent\ directory, run the stop_odi_agent.bat file (or stop_odi_agent.sh in Linux).

Launching Options

Demantra S&OP – Hyperion Integration can be run from:

- Demantra worksheet using methods
- Demantra workflows
- ODI

Although it can be run from ODI, it is recommended that it be run from a Demantra worksheet or workflow.

Launching Integration from Demantra Worksheet Using Methods

Both the Hyperion Export and Hyperion Import integrations can be run from a Demantra worksheet using methods. The level selected when the method is started determines the data profile used for data transfer.

To transfer data from a Demantra worksheet:

1. From the Collaborator Workbench, open the finalized consensus forecast worksheet.
2. Right-click on the organization, product category or item level. A menu appears.

Note: The level you choose when you start the method determines the levels included in the integration. For example, if you right-click on product category and run the Publish to Hyperion Planning integration method, the Hyperion Export (Org, Category) integration interface data profile is used. Unless filtering is specified in the data profile, data for all organizations and product categories is transferred.

3. Choose Methods. A submenu appears.
4. Choose either Publish to Hyperion Planning (which runs Hyperion Export) or Extract from Hyperion Planning (which runs Hyperion Import).

Note: Once you have determined the levels you want to integrate, Oracle recommends that you modify your methods so that only methods that support your chosen integration are available. For example, if you want to integrate with Organization and Prod Category, modify the *Extract from Hyperion Planning* and *Publish to Hyperion Planning* methods associated with Organization and Item levels to reference the Hyperion Export (Org, Category) workflow. Alternatively, you could hide methods associated with unsupported levels by unchecking the “Display in menu” checkbox.

For more information about modifying methods, see *Oracle Demantra 7.3 Implementation Guide*.

Launching and Scheduling Integration from Demantra Workflows

Demantra provides workflows to support the integration between Demantra and Hyperion Planning. They are:

- Hyperion Export (Org)
- Hyperion Export (Org, Category)
- Hyperion Export (Org, Item)
- Hyperion Import (Org)
- Hyperion Import (Org, Category)
- Hyperion Import (Org, Item)

These workflows can be scheduled to run or scheduled from the Workflow Manager. See the *Demantra Implementation Guide* for more information about running and scheduling workflows from the Workflow Manager.

Launching Integration from ODI

The S&OP – Hyperion Planning integration can be run directly from the ODI Operator. Alternatively, you can schedule a scenario to run at a specific time from the ODI Operator. A transfer workflow must be created to move the Hyperion Planning data from the Demantra staging tables to the base tables before you run this integration.

See the *Oracle Data Integrator User's Guide* for more information about executing and scheduling scenarios.

Creating a Workflow to Move Data from Staging Tables to Base Tables

A workflow must be created to move Hyperion data from the Demantra staging tables to the base tables. Start the transfer workflow after you run the Hyperion Import workflow. If you run different levels of the Hyperion Import integration at different times, create a transfer workflow for each level.

To create a transfer workflow:

1. With the Demantra web server running, launch the Workflow Manager.
2. Click New Schema. The Edit Schema page appears.
3. In the Process Editor for field, enter the name of the workflow (for example, Transfer).
4. In the list of available steps, double-click Transfer Step.
5. In the Interface field, choose Hyperion Import.
6. Click the Data radio button and data profile (for example, Hyperion Import (Org, Item)).

7. Click OK.
8. Click Save.
9. Click Back button.

Running an Integration Scenario from ODI

When running directly or scheduling from ODI, an additional Demantra workflow must be added when importing from Hyperion to Demantra. This workflow contains a Transfer Step to pull data from the staging table into base tables. This workflow runs after the ODI flow is run as the final step. From the current instructions, it looks like we are recommending this step as the first one.

To run an integration scenario from ODI:

1. Start the ODI Agent.
2. Start the ODI Operator.
3. Click the Scenario tab. The following integration scenarios are available:
 - LOAD_DMTRA_SALESFCST_ORG_CAT_TO_HYP
 - LOAD_DMTRA_SALESFCST_ORG_ITM_TO_HYP
 - LOAD_DMTRA_SALESFCST_ORG_TO_HYP
 - LOAD_HYP_FINPLANNING_ORG_CAT_TO_DM
 - LOAD_HYP_FINPLANNING_ORG_ITM_TO_DM
 - LOAD_HYP_FINPLANNING_ORG_TO_DM
4. Right-click on the scenario you want to run and choose Execute. The integration begins.

If you are transferring Hyperion Planning data to Demantra, do these additional steps:

5. With the Demantra web server running, launch the Workflow Manager.
6. Locate the transfer workflow and click Start.

Chapter 4: Package Mappings

This chapter provides information about:

- Hyperion Planning to Demantra ODI Package Mapping
- Demantra to Hyperion Planning ODI Package Mapping

Hyperion Planning to Demantra ODI Package Mapping

This section provides information about the Hyperion Planning to Demantra extract packages. They include:

- LoadHypFinPlanningOrgToDmtraPkg
- LoadHypFinPlanningOrgCatToDmtraPkg
- LoadHypFinPlanningOrgItemToDmtraPkg
- RegenerateAllScenariosPkg

LoadHypFinPlanningOrgToDmtraPkg

The LoadHypFinPlanningOrgToDmtraPkg sends the annual plan, budget and financial forecast information for organizations to Demantra. Without additional configuration, the defaults are as follows:

- Levels: All organizations
- Load: Full
- Time bucket: Quarterly

ODI Scenario Name: LOAD_HYP_FINPLANNING_ORG_CAT_TO_DM

Demantra Data Profile: Hyperion Import (Org)

Demantra Workflow: Hyperion Import (Org)

Demantra Table: BIIO_HYP_ORG

Error Table: BIIO_HYP_ORG_ERR

Table Mapping

Field	Type	Description
SDATE	DATE	Any valid Demantra date. Should be within the data profile date range.

Field	Type	Description
LEVEL1	VARCHAR2(240)	Demantra Organization Code
FCST_HYP_ANNUAL_PLAN	VARCHAR2(20,10)	Annual Plan scenario
BUDGET	NUMBER(20,10)	Budget
FINANCIAL_FORECAST	NUMBER(20,10)	Financial Forecast scenario

LoadHypFinPlanningOrgCatToDmtraPkg

The LoadHypFinPlanningOrgCatToDmtraPkg sends the annual plan, budget and financial forecast information for organizations and product categories to Demantra. Without additional configuration, the defaults are as follows:

- Levels: All organizations and product categories
- Load: Full
- Time bucket: Quarterly

ODI Scenario Name: LOAD_HYP_FINPLANNING_ORG_CAT_TO_DM

Demantra Data Profile: Hyperion Import (Org, Cat)

Demantra Workflow: Hyperion Import (Org, Cat)

Demantra Table: BIIO_HYP_ORG_CAT

Error Table: BIIO_HYP_ORG_CAT_ERR

Table Mapping

Field	Type	Description
SDATE	DATE	Any valid Demantra date. Should be within the data profile date range.
LEVEL1	VARCHAR2(240)	Demantra Product Category code
LEVEL2	VARCHAR2(240)	Demantra Organization code
FCST_HYP_ANNUAL_PLAN	VARCHAR2(20,10)	Annual Plan scenario
BUDGET	NUMBER(20,10)	Budget
FINANCIAL_FORECAST	NUMBER(20,10)	Financial Forecast scenario

LoadHypFinPlanningOrgItemToDmtraPkg

The LoadHypFinPlanningOrgItemToDmtraPkg sends the annual plan, budget and financial forecast information for organizations and items to Demantra. Without additional configuration, the defaults are as follows:

- Levels: All organizations and items

- Load: Full
- Time bucket: Quarterly

ODI Scenario Name: LOAD_HYP_FINPLANNING_ORG_ITM_TO_DM

Demantra Data Profile: Hyperion Import (Org, Item)

Demantra Workflow: Hyperion Import (Org, Item)

Demantra Table: BIIO_HYP_ORG_ITEM

Error Table: BIIO_HYP_ORG_ITEM_ERR

Table Mapping

Field	Type	Description
SDATE	DATE	Any valid Demantra date. Should be within the data profile date range.
LEVEL1	VARCHAR2(240)	Demantra Item code
LEVEL2	VARCHAR2(240)	Demantra Organization code
FCST_HYP_ANNUAL_PLAN	VARCHAR2(20,10)	Annual Plan scenario
BUDGET	NUMBER(20,10)	Budget
FINANCIAL_FORECAST	NUMBER(20,10)	Financial Forecast scenario

Demantra to Hyperion Planning ODI Package Mapping

This section provides information about the Demantra to Hyperion Planning extract packages. They include:

- LoadDmtraSalesFcstOrgToHypPkg
- LoadDmtraSalesFcstOrgCatToHypPkg
- LoadDmtraSalesFcstOrgItemToHypPkg

LoadDmtraSalesFcstOrgToHypPkg

The LoadDmtraSalesFcstOrgToHypPkg sends the consensus forecast (currency and units) and cost of sales (currency) for organizations from Demantra to Hyperion Planning. All the data loaded from Demantra to Hyperion Planning is staged in an interface view. Without additional configuration, the defaults are as follows:

- Levels: All organizations
- Load: Full
- Time bucket: Quarterly

ODI Scenario Name: LOAD_DMTRA_SALESFCST_ORG_TO_DM

Demantra Data Profile: Hyperion Export (Org)

Demantra Workflow: Hyperion Export (Org)

Demantra View: BIEO_HYP_ORG_V

Table Mapping

Field	Type	Description
SDATE	DATE	Any valid Demantra date. Should be within the data profile date range.
LEVEL1	VARCHAR2(240)	Demantra Organization code
FCST_CONSENSUS	VARCHAR2(20,10)	Consensus Forecast
CONSENSUS_FCST_DOLLAR	NUMBER(20,10)	Consensus Forecast Value
COST_OF_SALES	NUMBER(20,10)	Cost of Sales
RECORD_TYPE	NUMBER(20,10)	Specifies whether data is in the future or history date range. Valid fields are: <ul style="list-style-type: none"> 1 – history 2 – future

LoadDmtraSalesFcstOrgCatToHypPkg

The LoadDmtraSalesFcstOrgCatToHypPkg sends the consensus forecast (currency and units) and cost of sales (currency) for organizations and product categories from Demantra to Hyperion Planning. All the data loaded from Demantra to Hyperion Planning is staged in an interface view. Without additional configuration, the defaults are as follows:

- Levels: All organizations and product categories
- Load: Full
- Time bucket: Quarterly

ODI Scenario Name: LOAD_DMTRA_SALESFCST_ORG_CAT_TO_DM

Demantra Data Profile: Hyperion Export (Org, Cat)

Demantra Workflow: Hyperion Export (Org, Cat)

Demantra View: BIEO_HYP_ORG_CAT_V

Table Mapping

Field	Type	Description
SDATE	DATE	Any valid Demantra date. Should be within the data profile date range.

Field	Type	Description
LEVEL1	VARCHAR2(240)	Demantra Product Category code
LEVEL2	VARCHAR2(240)	Demantra Organization code
FCST_CONSENSUS	VARCHAR2(20,10)	Consensus Forecast
CONSENSUS_FCST_DOLLAR	NUMBER(20,10)	Consensus Forecast Value
COST_OF_SALES	NUMBER(20,10)	Cost of Sales
RECORD_TYPE	NUMBER(20,10)	Specifies whether data is in the future or history date range. Valid fields are: <ul style="list-style-type: none"> 1 – history 2 – future

LoadDmtraSalesFcstOrgItemToHypPkg

The LoadDmtraSalesFcstOrgItemToHypPkg sends the consensus forecast (currency and units) and cost of sales (currency) for organizations and product categories from Demantra to Hyperion Planning. All the data loaded from Demantra to Hyperion Planning is staged in an interface view. Without additional configuration, the defaults are as follows:

- Levels: All organizations and items
- Load: Full
- Time bucket: Quarterly

ODI Scenario Name: LOAD_DMTRA_SALESFCST_ORG_ITEM_TO_DM

Demantra Data Profile: Hyperion Export (Org, Item)

Demantra Workflow: Hyperion Export (Org, Item)

Demantra View: BIEO_HYP_ORG_ITEM_V

Table Mapping

Field	Type	Description
SDATE	DATE	Any valid Demantra date. Should be within the data profile date range.
LEVEL1	VARCHAR2(240)	Demantra Item code
LEVEL2	VARCHAR2(240)	Demantra Organization code
FCST_CONSENSUS	VARCHAR2(20,10)	Consensus Forecast
CONSENSUS_FCST_DOLLAR	NUMBER(20,10)	Consensus Forecast Value
COST_OF_SALES	NUMBER(20,10)	Cost of Sales
RECORD_TYPE	NUMBER(20,10)	Specifies whether data is in the future or history date range. Valid fields are:

Field	Type	Description
		<ul style="list-style-type: none">• 1 – history• 2 – future

RegenerateAllScenariosPkg

This package regenerates all scenarios of the project with the latest variable values. Whenever the values of the variables PVV_HYP_BASE_TIME, PVV_HYP_FISCAL_YEAR, PVV_HYP_START_MONTH, PVV_DMTRA_BASE_TIME, PVV_DMTRA_START_DAY, PVV_MAIL_TO, PVV_MAIL_FROM and PVV_MAIL_SERVER are changed, this scenario must be executed to update the transfer scenarios.

ODI Scenario Name: REGENERATE_ALL_SCENARIOS