

**Oracle® Application Integration Architecture -  
Foundation Pack 2.5: Release Notes**

Release 2.5

**Part No. E16258-01**

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**ORACLE®**

## Oracle Application Integration Architecture - Foundation Pack 2.5: Release Notes

Part No. E16258-01

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# About Oracle Application Integration Architecture Foundation Pack 2.5 Preface

This preface discusses:

- Oracle release information publications
- Additional resources

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## Oracle Release Information Publications

This section discusses publications that provide in-depth technical and functional information about the Oracle products prior and immediately after their release.

1. Statement of Direction
2. Release Value Proposition
3. Release Content Document
4. About Document

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### Statement of Direction

The statement of direction is published six to nine months before a release. It provides a high-level overview of the major focus of product development efforts, enabling high-level business decision makers to begin preliminary upgrade planning.

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### Release Value Proposition

The release value proposition provides more functional details than the statement of direction, identifies major enhancements, and articulates the expected business benefit. This document is designed to help you determine whether new product features warrant upgrading from an old release or embarking on a new implementation. With this information, you will be able to initiate preliminary budget planning and begin putting together a project team to further evaluate specific Oracle products. The release value proposition is published three to six months before a release.

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### Release Content Document

The Release Content Document provides a greater level of detail on new functionality than the Release Value Proposition. This added level of detail should enable project teams to answer the following questions:

- What out-of-the-box functionality will change?
- What customizations may be affected?
- How will an upgrade or new implementation affect other systems?
- How will these changes affect the organization?

After the project team has reviewed and analyzed the release content document, business decision makers should be in the position to determine whether to allocate budget and initiate implementation plans.

The Release Content Document is published approximately one month before a release.

## About Document

The About Document contains release notes and is published at release. It validates the final scope of the release, and outlines the features and enhancements that are available with the release of each product, describing the finalized functional and technical details that will enable project teams to confirm budgets and complete implementation plans.

## Additional Resources

There are many additional resources that will help your organization determine the affects of upgrading to this release.

Visit the *My Oracle Support* website frequently to keep apprised of ongoing changes. This table lists the types of resources that are available:

Resource	Details
Oracle Application Integration Architecture 2.5: Installation and Upgrade Guide	Provides details about the installation and upgrade of Foundation Pack and the Process Integration Packs.
Oracle Application Integration Architecture – 2.5: Product-to-Guide Index	Provides a list of documentation relevant to each product in Oracle AIA 2.5.
Oracle Application Integration Architecture - Foundation Pack 2.5 Documentation Set	<ul style="list-style-type: none"> <li>• <i>Oracle Application Integration Architecture - Foundation Pack 2.5: Getting Started with the Oracle AIA Foundation Pack and Demo</i></li> <li>• <i>Oracle Application Integration Architecture - Foundation Pack 2.5: Concepts and Technologies Guide</i></li> <li>• <i>Oracle Application Integration Architecture - Foundation Pack 2.5: Integration Developer's Guide</i></li> <li>• <i>Oracle Application Integration Architecture - Foundation Pack 2.5: Core Infrastructure Components Guide.</i></li> </ul>
Oracle Application Integration Architecture - Enterprise Object Library 2.5 Documentation Set	<ul style="list-style-type: none"> <li>• <i>Oracle Application Integration Architecture - Enterprise Object Library 2.5: Enterprise Business Objects and Messages XML Naming and Design Rules</i></li> <li>• <i>Oracle Application Integration Architecture - Enterprise Object Library 2.5: UML Profile for CCTS Enterprise Business Objects</i></li> </ul>
Oracle Application Integration Architecture 2.5: Business Process Guide	Provides details about the Business Process models included with the release.

PIP Implementation Guides.	PIP-specific implementation guides provide details on the implementation and configuration of the PIP.
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For documentation, reference:

<http://edelivery.oracle.com>

For Training opportunities, reference:

[http://education.oracle.com/web\\_prod-plq-dad/plsql/show\\_desc.redirect?redir\\_type=3](http://education.oracle.com/web_prod-plq-dad/plsql/show_desc.redirect?redir_type=3)





# About Oracle Application Integration Architecture Foundation Pack 2.5

The new features and enhancements that are included in this release are grouped by release themes, then by product area. Our goal is to help organizations leverage technology to its fullest and increase the efficiency and effectiveness of operations. Please note that the final release may not have every feature that is discussed in this document, and a specific feature may become part of a different application or have a product name that is different from those cited in this document.

Oracle proudly announces Oracle Application Integration Architecture Foundation Pack 2.5. This new release demonstrates Oracle's commitment to:

- Unifying your application portfolio on a standardized framework.
- Minimizing integration costs and risk.
- Adapting business processes to changing business needs.

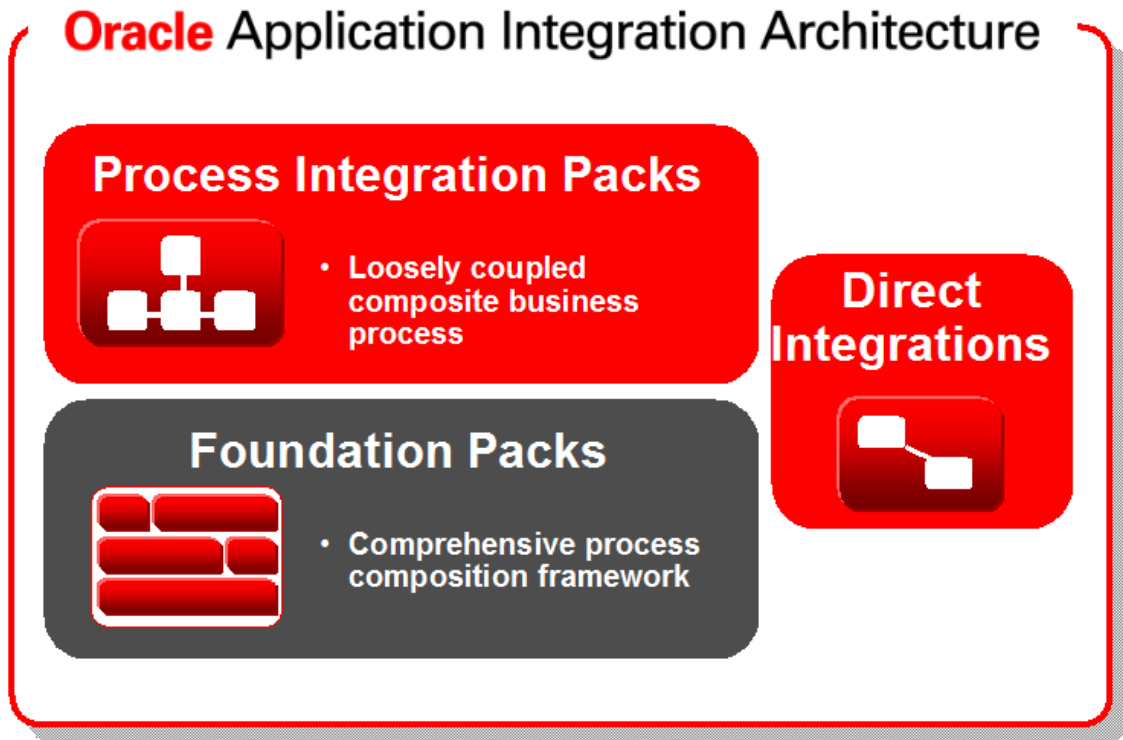
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## Unifying Your Application Portfolio on a Standardized Framework

Oracle Application Integration Architecture Foundation Pack is a prebuilt integration solution that provides the programming model, best practices, application independent data-model as well as supporting tools to implement, test, diagnose, and govern your service oriented architecture (SOA).

Oracle Application Integration Architecture unifies your application portfolio on a standardized framework by enabling you to:

- Join Oracle and non-Oracle applications on a robust, open standards based platform
- Integrate third-party solutions through application independent design
- Create process-driven application integrations



## Oracle Application Integration Architecture

Oracle Application Integration Architecture's robust, open standards based platform enables your disparate applications to communicate with each other regardless of where they reside. Through its application independent environment, your many applications—Oracle, legacy, even third party—are free to interact utilizing a service-oriented architecture (SOA) and a common object and service model. The result is a looser, more flexible coupling of applications that helps you increase the value of your current investments and create a more responsive and effective environment.

To quickly implement proven cross-application business processes, Oracle Application Integration Architecture also offers packaged business process integrations across best of breed Oracle applications, like Siebel CRM and Oracle E-Business Suite. Use these pre-packaged Process Integration Packs (PIPs) to significantly reduce development times. Ensure seamless business process integrations across your Oracle applications that will not break with upgrades or when inserting new applications into the mix.

Developed by Oracle, Process Integration Packs come with Oracle's full development methodology, including a robust testing process, as well as the full resources of Oracle Support, with maintenance and upgrades to protect the value of your integration over time.

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## Minimizing Integration Costs and Risk

Minimizing integration costs and risk enables you to:

- Speed time to value with pre-built business objects and services.
- Develop flexible integrations using an application independent model.

Oracle Application Integration Architecture enables you to mitigate the potential pitfalls of integration so you can focus less on developing and managing your integrations and more on new projects that help transform your business.

Oracle Application Integration Architecture's pre-built SOA provides the foundation for SOA design, extensibility, and reuse. Using industry standard common objects and services to facilitate the flow of information across different applications, Oracle Application Integration Architecture helps reduce the number of mappings across applications, minimizing the need for complex, custom developments. Quickly deploy and manage business processes effectively over time. Easily mix and match capabilities and implement new business process functionality from existing applications without the risk or cost of modifying existing applications. Even replace components, insert new components, and change business logic quickly and efficiently when needed.

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## Adapting Business Processes to Changing Business Needs

At the core of an agile enterprise is an application environment that allows for the adaptability and reusability of core business processes as rapidly as possible. Oracle Application Integration Architecture provides the flexibility to easily modify existing processes, allowing IT to become more efficient and highly aligned with the business over time.

With Oracle Application Integration Architecture you can:

- Reconfigure business processes using reusable objects and services without worrying about the underlying applications.
- Substitute different applications in an existing business process without recoding your integrations or sacrificing future upgrades and support.
- Protect your changes across upgrades. When an upgrade is performed on your integrations, your changes will be carried forward.

Additionally, by providing you with documented best practices, like our Industry Reference Models, you can quickly optimize business processes with specific industry functionality that would otherwise take years to define, design and deploy. The result is longer lasting, adaptable integrations that align with the needs of the business today and can be quickly redesigned as conditions change.



# Product Enhancements for Oracle Application Integration Architecture (AIA) Foundation Pack 2.5

This section discusses new enhancements for the AIA Foundation Pack. These enhancements fall into three main areas:

- Installation and upgrade
- Enterprise Business Objects
- Business Process Models

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## Installation and Upgrade

AIA Installer is wizard-based and completely installs and configures AIA products to your infrastructure. AIA Installer helps you install Foundation Pack and the PIPs that are delivered in this release. The screens that appear when you run the installer are based on whether you choose to install Foundation Pack, or PIPs, or both.

The AIA Installer collects information on:

- The location where the products are to be installed (AIA Home)
- The details of the SOA Suite and database installation
- Participating application details etc.

Before you begin the installation, you'll want to check the hardware and software requirements for Foundation Pack and for the PIP(s) you're going to install. Read **Understanding the Oracle AIA Installation Process** in the *Oracle Application Integration Architecture 2.5: Installation and Upgrade Guide* for all the details about software and patch requirements for Foundation Pack and PIPs as well as recommended topology.

The guide provides clear, step-by-step directions for installing Foundation Pack and individual PIPs. **Preparing for AIA Installation** details the pre-work for a successful installation. The chapters that follow walk you through the Foundation Pack installation on the certified platforms. The remaining chapters in the guide provide detailed installation instructions for each of the PIPs available on this release.

### AIA Installer Interview

The AIA Installer is a simple-to-use wizard, but to make it even easier, we provide an *Installer Interview* for Foundation Pack and for each of the PIPs. The questions in the Installer Interview help you gather the details you'll need to complete the wizard and offer helpful background information.

Take the time to complete the Installer Interview and you'll find the Installer wizard quick and easy.

You'll find an Installer Interview and detailed installation instructions for each PIP in the *Oracle Application Integration Architecture 2.5: Installation and Upgrade Guide*. A handy installation checklist will guide you through the process and you'll find details on post-installation steps that may be required.

Once you've completed your Installer Interview, you'll find running the AIA Installer a breeze. Select the PIPs you want to install:

**AIA Components Screen - Select a Product to Install**

**Destination**  
Enter or select name for the installation and the full path.

Home Name:

Path:

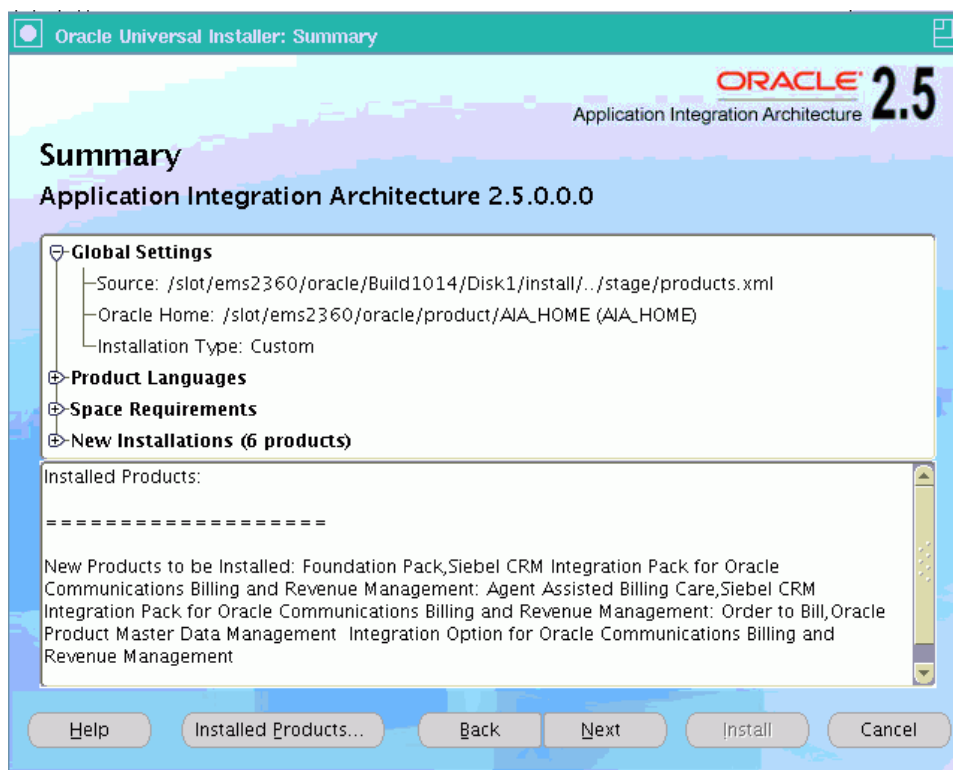
☐ Copy AIA Software Only ☒ Complete Installation

**Available Components**

**Selected/Installed Components**

Then just fill in the information from your Interview form directly into the wizard

After collecting this information, the Installer copies the software to the specified *AIA Home* and continues to deploy the various artifacts to the servers. Some of the actions include, deploying BPPEL/ESB processes to the SOA Server, creating tables and queues in the database etc.



The Installer also supports upgrade from previous installations of AIA which is described in the *Upgrade* section of the *AIA Installation Guide*.

New features of the AIA Installer in release 2.5 include:

- Installation of several new PIPs for AIA Release 2.5.
- Ability to install any set of PIPs together.
- Compatible PIPs can be co-installed.

## Enterprise Business Objects

Our Enterprise Business Objects provide you with a head start so you can focus on your business and leave the bulk of the semantic design of the application business objects to us.

### New Enterprise Business Objects in AIA Foundation Pack 2.5

In AIA Foundation Pack 2.5, the following Enterprise Business Objects were added:

Enterprise Business Object	Description
<b>BillOfMaterialsConfiguration</b>	A Bill Of Materials Configuration contains the configuration details of the BOM options in a multi level model BOM structure.
<b>ClassificationScheme</b>	The Classification Scheme object allows for related Classifications, Specification Groups, and Specifications to be entirely defined in a single object instance.

<b>CustomerInteraction</b>	A customer interaction is the tracking of a customer communication with an organization in the context of the channel through which it occurs and the business objects it references. A customer interaction can take the form of a phone call, email, chat request, web collaboration or communication through some other channel.
<b>ItemLot</b>	This object identifies an item lot, its current state and its specific physical property values.
<b>TimeSheet</b>	<p>A time sheet reports time worked or not worked by a worker in a specified period. A time sheet is reported for a specified reporting period and lists time spent on specific project, work order, vacation, sick leave, or training.</p> <p>Time reported may be used for cost accounting, billing, payroll or for other purposes.</p>
<b>WorkOrder</b>	<p>A work order (WO) is an order received by an organization from a customer or client, or an order created internally within the organization. A work order may be for products or services.</p> <p>Work orders may result from service requests, equipment maintenance schedules, sales orders, and many other business and system processes.</p> <p>A work order is used for several purposes including specifically defining work to be done, communicating the status of work being done between various parts of an organization, tracking the costs of work, and planning related tasks needed to complete work.</p>
<b>AssignmentGrade</b>	A grade shows the relative rank/level/status of an employee in an assignment within an enterprise. For Example IC3, M3
<b>AssignmentGradeLadder</b>	A Grade Ladder is a hierarchy of Grades. In terms of Grade Setup, a Grade Ladder is used to order Grades and provide the ability to define rates for the Grades Steps attached to those Grades. In terms of Grade Step Progression (GSP), it is a key component used to categorize grades, and to determine the rules for how an employee progresses from one grade to the next.
<b>AssignmentGradeRate</b>	A Grade Rate is a value or range of values defined as valid for a given grade. It is used to validate employee compensation entries. Grade rates may be assigned a fixed value for each grade, or a range of values.
<b>BusinessUnit</b>	A unit of an enterprise that performs one or many business functions and a unit of an enterprise that can be consolidated in both a managerial and legal hierarchy.
<b>Department</b>	A department is an organization with one or more operational objectives or responsibilities that exist independently of its manager (i.e. although the manager changes, the objectives do not) and that has one or more workers assigned to it. Departments are subject to budgets or quotas and may be assigned assets and liabilities. Financial performance of departments is normally tracked through one or more cost centers.
<b>Job</b>	A job represents one or more roles that may be performed by an



	individual within an organization.
<b>Position</b>	A position is an instance of a job within an organization. For example HR Manager UK is a position in the Human Resources organization with a job of Manager.
<b>TalentProfile</b>	Talent Profile EBO defines the characteristics for either a person or a non-person. For a person it describes the characteristics of ultimate combination of the right innate characteristics (physical, intellectual, emotional), qualifications and competency. A Talent Profile consists of Talent Profile Items each of which is of a particular Talent Profile Content Item. A Talent Profile is of a particular Talent Profile Type.
<b>TalentProfileContentGroup</b>	Defines content groups within the Talent Profile Content Catalog, which enable you to categorize content items within a content type, making it easier for users to find content items if you have a large number of content items of the same type
<b>TalentProfileContentItem</b>	A Talent Profile Content Item is of a particular Talent Profile Content Type. It defines the attributes for concepts like a bachelor degree (which is of the degree talent profile content type), a psychological competency (which is of the competency talent profile content type).
<b>TalentProfileContentType</b>	A Talent Profile Content Type define attribute templates for Talent Profile Content Items which can be associated with either a person or a non-person (e.g. job code, role) in the human resource area. For example, it can define degrees, competency, qualification or skill content types. Then a bachelor degree would be a talent profile content item of the degree content type.
<b>TalentProfileInstanceQualifier</b>	An instance qualifier is an optional element of a profile type, which is used to identify individual instances of a profile item (for example, in the annual review process, the individual rates themselves and their manager also rates them).
<b>TalentProfileRatingModel</b>	Rating models define the values that can be used to rate an employee's performance or level of proficiency. The rating model defines the qualitative values, such as A, B, C, or D, that the system uses to rate or score an employee's performance. Each qualitative value can have a numeric rating, review points, and a review band (range of points).
<b>TalentProfileType</b>	Defines the content structure, security and approvals for a Talent Profile
<b>Project</b>	A Project represents the effort and resources required to achieve a business objective within a specific, usually finite, time frame. Projects are used to plan, track, manage and control the financial aspects and the work effort required.
<b>ProjectExpenditureItem</b>	A project expenditure item records expenditure against a project or project task for a given period and expenditure class. It may be for labor, material, asset usage, inventory, supplier invoice, expense report, etc.
<b>ProjectFinancialPlan</b>	This refers to the top-down budget that typically comes from an ERP system. The budget may be an allocation out of a departmental budget allocation, or may be a cost budget created based on the contract

	amount of a specific contract.
<b>ProjectResourceRateSchedule</b>	A Project Resource Rate Schedule is used to specify rates for schedulable resources
<b>ProjectResourceSet</b>	A Project Resource Set consists of many schedulable and non-schedulable resources that can be used for planning and reporting projects.
<b>ResourceAvailabilityCalendar</b>	The availability of a resource (e.g., for scheduling) is determined by the Resource Availability Calendar assigned to the resource. For example, a "US West Factory day" Resource Availability Calendar may have day shifts (7am to 4pm) Monday to Friday while "US West Factory eve" may have evening shifts (4pm to 12:00am) Monday to Saturday. Factory workers may be assigned one of these resource availability calendars to indicate their work schedule.
<b>ClinicalStudy (HealthSciences industry)</b>	A research investigation involving human subjects that is designed to answer specific questions about the safety and efficacy of a biomedical intervention (drug, treatment, device) or new ways of using a known drug, treatment, or device. The Clinical Study EBO will be used to share information about a study between applications. For example, sharing information about the study sites, subjects and activities between a Clinical Data Management System and a Clinical Trials Management System. The sharing of such information can decrease the time spent in the Study Setup process and expedite the process of investigator payments for activities performed.
<b>DrugSafetyReport (HealthSciences industry)</b>	The Drug Safety Report contains the relevant facts and assessment determined in an investigation into an adverse drug reaction. The drug safety report is for a single incident and a single patient. In general adverse drug reactions must be reported to the agencies world wide that have approved the use of the drug. This EBO contains all the data elements that are required for reporting to regulatory agencies per the E2B, version 2.1, standard. The EBO facilitates business processes where separate organization units may collect information and assess the case. If the unit that originates a drug safety report, collects additional information, it should send an updated drug safety report containing the new, corrected, and all originally correct information.

## Updated Enterprise Business Objects in AIA Foundation Pack 2.5

In AIA Foundation Pack 2.5, the following Enterprise Business Objects were updated:

EBO	Updates
<b>AdvanceShipmentNotice</b>	<p>Added the following to Shipment</p> <ul style="list-style-type: none"> <li>CustomerPartyReference</li> <li>SupplierPartyReference</li> <li>OwnershipChangeIndicator</li> </ul>

	<ul style="list-style-type: none"> <li>• AuditHistory</li> </ul> <p>Added the following to ShipmentItem</p> <ul style="list-style-type: none"> <li>• ShipmentItemLot</li> <li>• ShipmentItemInstanceRange</li> <li>• ShipmentItemInstanceGenealogy</li> </ul> <p>Added the following to ShipmentUnit</p> <ul style="list-style-type: none"> <li>• ParentShipmentUnitIdentification</li> </ul> <p>Added the following to ShipmentUnitContainer</p> <ul style="list-style-type: none"> <li>• LicensePlateNumberID</li> </ul> <p>Added the following to ContainerItem</p> <ul style="list-style-type: none"> <li>• ContainerItemInstance</li> <li>• ContainerItemInstanceRange</li> </ul>
<b>ShipmentReceipt</b>	<p>Added the following to ShipmentReceipt</p> <ul style="list-style-type: none"> <li>• CustomerPartyReference</li> <li>• ShipFromPartyReference</li> <li>• ShipToPartyReference</li> <li>• OwnershipChangeIndicator</li> <li>• AuditHistory</li> </ul> <p>Added the following to ShipmentReceiptLine</p> <ul style="list-style-type: none"> <li>• ShipmentReceiptItemLot</li> <li>• ShipmentReceiptItemInstanceRange</li> <li>• ShipmentReceiptItemInstance</li> </ul>
<b>CustomerParty</b>	<p>Added the following to Person</p> <ul style="list-style-type: none"> <li>• PersonDriversLicense</li> <li>• PersonAffiliation</li> <li>• PersonNationalIdentity</li> <li>• DeathCertificateID</li> <li>• DeathPlace</li> <li>• VeteranBenefitEligibilityIndicator</li> <li>• PersonNameUsage</li> </ul> <p>Added the following to PersonName</p> <ul style="list-style-type: none"> <li>• MaidenName</li> <li>• EffectiveTimePeriod</li> </ul>
<b>SalesOrder</b>	<p>Added the following to SalesOrderSchedule</p> <ul style="list-style-type: none"> <li>• ServiceUsageStartDateTime</li> <li>• CycleStartDateTime</li> </ul> <p>Added the following to SalesOrderLine</p> <ul style="list-style-type: none"> <li>• SourceTypeCode</li> <li>• PackagingInstruction</li> </ul> <p>Added the following to SalesOrder</p>

	<ul style="list-style-type: none"> <li>• PackagingInstruction</li> </ul>
<b>ProvisioningOrder</b>	<p>Added the following to ProvisioningOrderSchedule</p> <ul style="list-style-type: none"> <li>• ServiceUsageStartDateTime</li> <li>• CycleStartDateTime</li> </ul>
<b>FulfillmentOrder</b>	<p>Added the following to FulfillmentOrderSchedule</p> <ul style="list-style-type: none"> <li>• ServiceUsageStartDateTime</li> <li>• CycleStartDateTime</li> </ul>
<b>SalesOpportunity</b>	<p>Added PartnerPartyReference under SalesOpportunityTeam</p> <p>Added SalesOpportunitySalesCredit under SalesOpportunityLine</p>
<b>Invoice</b>	<p>Added WorkOrderLineReference under InvoiceLine</p> <p>Added LocationServicePointReference under InvoiceLine for Utilities Industry only</p> <p>Added IntermediateIndicator under Utilities Business Component InvoiceLineDetailCalculation</p> <p>Added MemoIndicator under Utilities Business Component InvoiceLineDetailCalculation</p>
<b>InstalledProduct</b>	<p>Added MeterTypeCode under InstalledProduct in Utilities Industry only</p> <p>Added InstalledProductMeterConfiguration under InstalledProduct in Utilities Industry only</p>
<b>BillOfMaterials</b>	<p>Added the following BusinessComponents to BillOfMaterials</p> <ul style="list-style-type: none"> <li>• BillOfMaterialsComponentItemExclusion</li> <li>• BillOfMaterialsSpecificationDefaultValueOverride</li> <li>• BillOfMaterialsSpecificationValueExclusion</li> </ul> <p>Added the following Attributes under BillOfMaterialsComponentItem</p> <ul style="list-style-type: none"> <li>• Name</li> <li>• TypeCode</li> <li>• DefaultIndicator</li> <li>• MaximumQuantity</li> <li>• MinimumQuantity</li> <li>• DefaultQuantity</li> <li>• DisplaySequenceNumber</li> <li>• PriceAdjustmentTypeCode</li> <li>• PriceAdjustmentQuantity</li> <li>• ClassificationReference</li> </ul>
<b>Item</b>	<p>Added the following BusinessComponents to Item</p> <ul style="list-style-type: none"> <li>• ItemMarketingCharacteristics</li> <li>• ItemLogisticCharacteristics</li> <li>• ItemInternetCharacteristics</li> <li>• ItemContainerCharacteristics</li> <li>• ItemAssetCharacteristics</li> <li>• ItemProcessManufacturingCharacteristics</li> </ul>

	<ul style="list-style-type: none"> <li>ItemGLAccount</li> </ul> <p>Added ItemCompatibility under RelatedItem</p> <p>Added SafetyStockCharacteristics under ItemPlanningCharacteristics</p> <p>Added ItemRepetitivePlanning under ItemPlanningCharacteristics</p> <p>Added ItemClassificationSpecificationOverride under ItemClassification</p> <p>Added around 250 additional Attributes primarily under the following areas</p> <ul style="list-style-type: none"> <li>ItemOrderManagementCharacteristics</li> <li>ItemServiceCharacteristics</li> <li>ItemPurchasingCharacteristics</li> <li>ItemPlanningCharacteristics</li> <li>ItemManufacturingCharacteristics</li> <li>InventoryCharacteristics</li> </ul>
<b>PriceList</b>	<p>Promoted RatePlan BusinessComponent from Communications Industry only content to Core content</p> <p>Added the following BusinessComponents under PlanTier:</p> <ul style="list-style-type: none"> <li>PriceListUnrestrictedRateData</li> <li>PriceListDailyRateDataRestriction</li> <li>PriceListWeeklyRateDataRestriction</li> </ul> <p>Added the following Attributes to LinePrice</p> <ul style="list-style-type: none"> <li>UOMCode</li> <li>RatePlanTypeCode</li> <li>BillingTimePeriodCode</li> <li>OverrideTypeCode</li> <li>DiscountOverrideTypeCode</li> <li>MarkupPricePercent</li> <li>MarkupPriceBasisCode</li> </ul> <p>Added the following Attributes to PlanImpact</p> <ul style="list-style-type: none"> <li>RateMinimumQuantity</li> <li>RateMaximumQuantity</li> <li>ImpactClassificationCode</li> <li>ProrationIndicator</li> <li>DiscountableIndicator</li> <li>SponsoringAllowedIndicator</li> <li>EffectivityEnabledIndicator</li> <li>OverrideTypeCode</li> <li>DiscountOverrideTypeCode</li> <li>MarkupPricePercent</li> <li>MarkupPriceBasisCode</li> </ul>
<b>Classification</b>	Added ClassificationComponentItem under Classification

<b>SpecificationGroup</b>	<p>Added SpecificationGroupApplicableBusinessEntity under SpecificationGroup</p> <p>Added the following to SpecificationGroupSpecification</p> <ul style="list-style-type: none"> <li>• SpecificationGroupSpecificationExclusion BusinessComponent</li> <li>• Name</li> <li>• DisplayName</li> <li>• ReadOnlyIndicator</li> <li>• HiddenIndicator</li> <li>• SearchableIndicator</li> <li>• CheckEligibilityIndicator</li> <li>• Description</li> <li>• EnabledIndicator</li> <li>• IndexedIndicator</li> <li>• TransactionalIndicator</li> <li>• DataTypeCode</li> </ul>
<b>SpecificationValueSet</b>	<p>Added the following under SpecificationValueSet</p> <ul style="list-style-type: none"> <li>• ValidationTypeCode</li> <li>• VersioningEnabledIndicator</li> <li>• EffectiveTimePeriod</li> </ul>
<b>SupplierParty</b>	<p>Change the cardinality of SupplierPartyEBO/SupplierPartyTradingLocationProfile/TradingProfileAddress/Usage from 0..1 to 0..n</p>
<b>Person</b>	<p>Added the following BusinessComponents to Person</p> <ul style="list-style-type: none"> <li>• PersonNationalIdentity</li> <li>• PersonCitizenship</li> <li>• PersonPassport</li> <li>• PersonVisa</li> <li>• PersonContact</li> <li>• PersonContactExtraInformation</li> <li>• PersonImage</li> <li>• PersonExtraInformation</li> <li>• PersonLegislativeData</li> </ul> <p>Added the following attributes under PersonName</p> <ul style="list-style-type: none"> <li>• DisplayName</li> <li>• TypeCode</li> </ul> <p>Added EffectiveTimePeriod component under PersonAddressCommunication</p> <p>Added EffectiveTimePeriod component under PersonPhoneCommunication</p> <p>Added EffectiveTimePeriod component under PersonEmailCommunication</p> <p>Added the following attributes under PersonDriversLicense</p> <ul style="list-style-type: none"> <li>• IssuingLocation</li> <li>• Comment</li> </ul>

<b>Worker</b>	<p>Added the business component WorkerEmploymentExtraInformation under WorkerEmployment</p> <p>Added the business component EmploymentAssignmentExtraInformation under EmploymentAssignment</p> <p>Added the following attributes under EmploymentAssignment</p> <ul style="list-style-type: none"> <li>• PlacementCode</li> <li>• TypeCode</li> <li>• LegislationCode</li> </ul>
<b>Location</b>	<p>Added the following BusinessComponents to Location</p> <ul style="list-style-type: none"> <li>• LocationHRProfile</li> <li>• LocationClassification</li> </ul> <p>Added the following attributes and components under Location</p> <ul style="list-style-type: none"> <li>• UseCode</li> <li>• NationalCapitalRegionIndicator</li> <li>• PhoneCommunication</li> <li>• FaxCommunication</li> </ul>
<b>GLElementValueSet</b>	Added the attribute GLElementCode under GLElementValueSet

## Updated Common Components

In AIA Foundation Pack 2.5 the following changes were made to common components:

Common Component Name	Update
<b>AcademicRankIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>AccountingRuleIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>Activity</b>	Added new common component to core and industry of ActivityType which contains Name, Description, TypeCode and Cost attributes
<b>ActivityEvent</b>	Added new common component to core and industry of ActivityEventType which contains PlannedStartDateTime, ExpectedStartDateTime, ActualStartDateTime, ActualCompletionDateTime, AssignedWorkerReference, ActivityEventStatusHistory and Activity
<b>ActivityEventStatusHistory</b>	Added new common component to core and industry of ActivityEventStatusHistoryType which contains Identification and StatusHistory
<b>Address</b>	Added attributes LineSix, LineSeven, LineEight, LineNine, Building, Floor, Area, LongPostalCode and TimeZoneCode

	to core and industry
<b>AppointmentWindow</b>	Added new common component to core and industry of AppointmentWindowType which contains Identification, StartTimePeriod and OperationalPreferenceCode
<b>AssignmentGradeIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>AssignmentGradeStepIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>Attachment</b>	Added attribute PurposeCode to core and industry
<b>AttributeBasedPricingMatrixIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>BargainingUnitIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>BaseCost</b>	Added new common component to core and industry of BaseCostType
<b>BillOfMaterialsConfigurationStructureIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>BusinessUnitFunctionIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>CareerPathIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>CarryingCost</b>	Added new common component to core and industry of CarryingCostType which contains Cost and PerDuration
<b>ClassificationSpecificationIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>CompensationPackageRuleIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>CompensationPackageTemplateIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>Contact</b>	Added attribute OrganizationIndicator to core and industry. Now both OrganizationName and PersonName can be specified – previously only one could have been specified.
<b>DataElement</b>	Added new common component to core and industry of DataElementType which contains Name, DataTypeCode and Value
<b>DesignatedAgentContact</b>	Added new common component to core and industry of ContactType
<b>DriversLicenseClass</b>	Added new common component to core and industry of DriversLicenseClassType which contains Identification and LicenseClassCode
<b>EducationRecord</b>	Added element ClassYear to core and industry



<b>EngineeringChangeOrderReference</b>	Added elements TypeCode, InitiationDate and ImplementationDate to core and industry
<b>EstablishmentIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>FailureReason</b>	Added new common component to core and industry of FailureReasonType which is based on ReasonType
<b>FestivalAdvancePayProgramIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>GovernmentAgencyIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>HiringStatus</b>	Added new common component to core and industry of HiringStatusType which is based on StatusType
<b>INAILRiskProfileIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>IncentiveCompensationPlanComponentIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>IncentiveCompensationPlanIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>InventoryTransactionIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>InvoicingRuleIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>ItemATPRuleIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>ItemInstanceGenealogy</b>	Added new common component to core and industry of ItemInstanceGenealogyType which contains ItemInstance and ItemInstanceGenealogyComposition
<b>ItemInstanceGenealogyComposition</b>	Added new common component to core and industry of ItemInstanceGenealogyCompositionType which contains Identification, ItemReference, ItemInstance and ParentItemInstanceGenealogyCompositionIdentification
<b>ItemInstanceRange</b>	Added new common component to core and industry of ItemInstanceRangeType which contains StartingSerialNumberID and EndingSerialNumberID
<b>ItemPickingRuleIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>ItemReference</b>	Added elements SerialControlAgencyID, ServiceInstanceIndicator to core and industry
<b>JobFamilyIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>LaborAgreementFirstLevelEmployeeClassificationIde</b>	Added new common component to Core and Industry of IdentificationType

<b>ntification</b>	
<b>LaborAgreementIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>LaborAgreementSecondLevelEmployeeClassificationIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>LaborAgreementThirdLevelEmployeeClassificationIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>LegislativeDataGroupIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>MarketUnitPrice</b>	Added new common component to core and industry of MarketUnitPriceType which is based on UnitPriceType
<b>OrganizationIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>OrganizationUnitIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>ParentItemInstanceGenealogyCompositionIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>ParentProjectSchedulableResourceIdentification</b>	Added new common component to Core and Industry of ProjectSchedulableResourceIdentificationType
<b>ParentProjectTaskIdentification</b>	Added new common component to Core and Industry of TaskIdentificationType
<b>ParentShipmentUnitIdentification</b>	Added new common component to Core and Industry of ShipmentUnitIdentificationType
<b>ParentTalentProfileItemIdentification</b>	Added new common component to Core and Industry of TalentProfileItemIdentificationType
<b>ParentTalentProfileTypeSectionIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>PartyAccountIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>PartyContactIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>Passport</b>	Added new common component to core and industry of PassportType which contains NumberID, TypeCode, IssueDate, ExpirationDate, IssuingCountryCode, IssuingStateCode, IssuingLocation and IssuingAuthority
<b>PayEquityJobClassIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>Person</b>	Added elements PrimaryClassificationCode, DeathPlace, DeathCertificateID, VeteranBenefitEligibilityIndicator, PersonNameUsage, PersonDriversLicense, PersonAffiliation and PersonNationalIdentity to core and

	industry
<b>PersonAffiliation</b>	Added new common component to core and industry of PersonAffiliationType which contains Identification, AffiliationCode, OrganizationReference and EffectiveTimePeriod
<b>PersonDriversLicense</b>	Added new common component to core and industry of PersonDriversLicenseType which contains Identification, LegislationAuthorityCode, IssuingAuthority, IssuingCountryCode, SuspendedIndicator, SuspendedFromDate, PenaltyPointCount, ViolationCount, IssuingLocation, Comment, EffectiveTimePeriod and DriversLicenseClass
<b>PersonName</b>	Added elements Identification, MaidenName and EffectiveTimePeriod to core and industry
<b>PersonNameIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>PersonNameUsage</b>	Added new common component to core and industry of PersonNameUsageType which contains Identification, PersonNameIdentification, DisplayName and LegislationCode
<b>PersonNationalIdentity</b>	Added new common component to core and industry of PersonNationalIdentityType which contains Identification, IssuingCountryCode, TypeCode, PrimaryIndicator, TaxIDIndicator, IssueDate and ExpirationDate
<b>PlanImpactIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>PlannedUnitPrice</b>	Added new common component to core and industry of PlannedUnitPriceType
<b>PositionPoolIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>PositionStandardClassificationIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>ProjectNonSchedulableResourceIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>ProjectResourceSetIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>ProjectSchedulableResourceIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>PurchasingClosePercentTolerance</b>	Added new common component to core and industry of PurchasingClosePercentToleranceType which is based on PercentToleranceType
<b>RegionIdentification</b>	Added new common component to Core and Industry of IdentificationType

<b>RelativeEffectiveTimePeriod</b>	Added new common component to core and industry of RelativeEffectiveTimePeriodType which contains RelativeStartDuration, RelativeEndDuration and Duration
<b>Remark</b>	Added new common component to core and industry of RemarkType which contains Code and Comment
<b>ReportingPeriodIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>ResourceAvailabilityCalendarIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>SalaryIncreaseMatrixIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>SalaryPlanIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>SalesCommission</b>	Added elements IncentiveCompensationPlanComponentReference and QuotaCreditQuantity to core and industry
<b>SalesCredit</b>	Added new common component to core and industry of SalesCreditType which contains RevenueTypeCode, SplitPercent, PostSplitQuantity and PostSplitRevenueAmount
<b>SalesQuota</b>	Added new common component to core and industry of SalesQuotaType which contains Name, TargetQuantity and AccountingPeriodReference
<b>SeasonTimePeriod</b>	Added new common component to core and industry of SeasonTimePeriodType which is based on TimePeriodType
<b>ServiceCreditCalculationGroupIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>Shipment</b>	Added elements OwnershipChangeIndicator, CustomerPartyReference, SupplierPartyReference and AuditHistory to core and industry
<b>ShipmentItem</b>	Added elements EndingSerialNumber, StartingSerialNumber, ActualShipDateTime, ShipFromLocationReference, ShipmentItemLot, ShipmentItemInstanceRange, ShipmentItemInstance and ShipmentItemInstanceGenealogy to core and industry
<b>ShipmentItemInstance</b>	Added new common component to core and industry of ShipmentItemInstanceType which contains Identification and ItemInstance
<b>ShipmentItemInstanceGenealogy</b>	Added new common component to core and industry of ShipmentItemInstanceGenealogyType which contains Identification and ItemInstanceGenealogy
<b>ShipmentItemInstanceRange</b>	Added new common component to core and industry of ShipmentItemInstanceRangeType which contains

	Identification and ItemInstanceRange
<b>ShipmentItemLot</b>	Added new common component to core and industry of ShipmentItemLotType which contains ItemLotReference, ParentItemLotReference, ExpirationDate, RetestDateTime, BestByDate, SellByDate and CreationDateTime
<b>ShipmentSet</b>	Added new common component to core and industry of ShipmentSetType which contains SetID and Name
<b>ShipmentUnitIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>SpecificationValueSetLineIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>StandardWorkingHoursTimeDuration</b>	Added new common component to core and industry of StandardWorkingHoursTimeDurationType which is based on TimeDurationType
<b>Status</b>	Added element EffectiveEndDateTime to core and industry
<b>StatusChangeHistory</b>	Added new common component to core and industry of StatusChangeHistoryType which contains StatusHistory
<b>StudyIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>TalentProfileItemIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>TalentProfileTypeSectionIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>TeamIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>TimeDuration</b>	Added new common component to core and industry of TimeDurationType which contains StartTime, EndTime and Duration
<b>TrainingProgramIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>ValueSet</b>	Added elements MinimumLength and MaximumLength to core and industry
<b>Visa</b>	Added new common component to core and industry of VisaType which contains NumberID, TypeCode, ClassificationCode, IssuingCountryCode, IssueDate, ExpirationDate, IssuingLocation and IssuingAuthority
<b>VolumeDiscountPlanIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>WeeklyWorkingHours</b>	Added new common component to core and industry of WeeklyWorkingHoursType which contains MondayDuration, TuesdayDuration, WednesdayDuration, ThursdayDuration, FridayDuration, SaturdayDuration and SundayDuration

<b>WorkersCompensationBoardRateGroupClassificationIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>WorkersCompensationBoardRateGroupIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>WorkerUnionIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>WorkOrderIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>WorkOrderLineIdentification</b>	Added new common component to Core and Industry of IdentificationType
<b>ClinicalStudyArmIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>ClinicalStudyEpochIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>ClinicalStudyIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>ClinicalStudyProgramIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>ClinicalStudyProgramProjectIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>ClinicalStudyProtocolDocumentIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>ClinicalStudyScheduleOfActivitiesIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>ClinicalStudySegmentIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>ClinicalStudySiteIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>ClinicalStudySubjectIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>ClinicalStudyTreatmentPatternIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>DrugRegimenIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>DrugSafetyReportIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>DrugSafetyReportReactionIdentification</b>	Added new common component to HealthSciences industry of IdentificationType
<b>VisitActivityEvent</b>	Added new common component to HealthSciences industry

<b>InstalledProductMeterConfigurationIdentification</b>	Added new common component to Utilities industry of IdentificationType
<b>LocationServicePointIdentification</b>	Added new common component to Utilities industry of IdentificationType
<b>Specification</b>	Added element ServiceActionCode to Communications industry

## New Reference Components

In AIA Foundation Pack 2.5, the following reference components were created:

AcademicRankReference	AccountingRuleReference
AlternateServiceSpecialistPersonReference	ApproverWorkerReference
AssignedWorkerReference	AssignmentGradeReference
AssignmentGradeStepReference	AttributeBasedPricingMatrixReference
BargainingUnitReference	BenchmarkJobReference
BusinessUnitFunctionReference	CareerPathReference
CeilingAssignmentGradeReference	CeilingAssignmentGradeStepReference
ChargedObjectReference	ClassificationReference
ClassificationSpecificationGroupReference	CompensationPackageRuleReference
CompensationPackageTemplateReference	CostCenterGLElementValueSetReference
CustomerPartyContactReference	DefaultLegalEntityReference
EnterpriseProjectStructureClassificationReference	EntryAssignmentGradeReference
EntryAssignmentGradeStepReference	EstablishmentReference
ExpendorBusinessUnitReference	ExpendorOrganizationUnitReference
FestivalAdvancePayProgramReference	FinancialBusinessUnitReference
GLElementValueSetReference	GovernmentAgencyReference
INAILRiskProfileReference	IncentiveCompensationPlanComponentReference
InventoryTransactionReference	InvoicingRuleReference
ItemATPRuleReference	ItemPickingRuleReference
JobFamilyReference	LaborAgreementFirstLevelEmployeeClassificationReference
LaborAgreementReference	LaborAgreementSecondLevelEmployeeClassificationReference
LaborAgreementThirdLevelEmployeeClassificationReference	LegalEntityGLElementValueSetReference
LegislativeDataGroupReference	ManagerPositionReference

ManagerProjectSchedulableResourceReference	ManagerWorkerReference
OrganizationReference	OrganizationUnitReference
ParentDepartmentReference	PartnerPartyReference
PayeePartyAccountReference	PayEquityJobClassReference
PositionPoolReference	PositionStandardClassificationReference
PrimaryLedgerReference	PrimaryServiceSpecialistPersonReference
ProjectNonSchedulableResourceReference	ProjectSchedulableResourceReference
RegionReference	ReportingPeriodReference
ResourceAvailabilityCalendarReference	SalaryIncreaseMatrixReference
SalaryPlanReference	ServiceCreditCalculationGroupReference
ServiceSpecialistPersonReference	SourceProjectReference
SpecificationValueSetLineReference	StudyReference
SubGovernmentAgencyReference	SubmittedToWorkerReference
SupervisorPositionReference	TalentProfileInstanceQualifierSetReference
TargetAssignmentGradeReference	TeamReference
TrainingProgramReference	VolumeDiscountPlanReference
WarrantyItemReference	WarrantySupplierPartyReference
WorkersCompensationBoardRateGroupClassificationReference	WorkersCompensationBoardRateGroupReference
WorkerUnionReference	WorkOrderLineReference
ClinicalStudyReference (HealthSciences industry)	ClinicalStudyProgramReference (HealthSciences industry)
ClinicalStudyProgramProjectReference (HealthSciences industry)	ClinicalStudyProtocolDocumentReference (HealthSciences industry)
DrugSafetyReportReference (HealthSciences industry)	DrugRegimenReference (HealthSciences industry)
InstalledProductMeterConfigurationReference (Utilities industry)	LocationServicePointReference (Utilities industry)



## All Enterprise Business Objects Included in AIA 2.5

AIA Foundation Pack 2.5 includes all of the following core components:

### Core License Objects

AccountBalanceAdjustment	FulfillmentOrder	<b>ProjectResourceSet</b> <sup>1</sup>
AccountGLElementValueSet	FundTransfer	PurchaseOrder
AccountingEntry	FundTransferSchedule	Quote
AccountingPeriod	GLElementValueSet	ReceivedPayment
AdvancedShipmentNotice	InstalledProduct	RequestForQuote
<b>AssignmentGrade</b> <sup>1</sup>	InventoryReservation	Requisition
<b>AssignmentGradeLadder</b> <sup>1</sup>	InventoryTransaction	<b>ResourceAvailabilityCalendar</b> <sup>1</sup>
<b>AssignmentGradeRate</b> <sup>1</sup>	Invoice	ResourceCalendarEntry
BankAccount	Item	SalesOpportunity
BatchProductionOrder	ItemBalance	SalesOrder
BillOfLading	ItemComposition	SalesQuote
BillOfMaterials	ItemCost	ServiceRequest
<b>BillOfMaterialsConfiguration</b> <sup>1</sup>	<b>ItemLot</b> <sup>1</sup>	ShipmentAdvice
BlanketPurchaseAgreement	ItemLotBalance	ShipmentPlan
BusinessCalendar	ItemStructure	ShipmentReceipt
<b>BusinessUnit</b> <sup>1</sup>	<b>Job</b> <sup>1</sup>	ShipmentRequest
ChartOfAccounts	Location	Specification
Check	ManufactureItemComposition	SpecificationGroup
Classification	PayableInvoice	SpecificationValueSet
<b>ClassificationScheme</b> <sup>1</sup>	PaymentTerm	SupplierParty
<b>ClinicalStudy</b> <sup>1,2</sup>	Person	<b>TalentProfile</b> <sup>1</sup>
CreditMemo	PickList	<b>TalentProfileContentGroup</b> <sup>1</sup>
CurrencyExchange	<b>Position</b> <sup>1</sup>	<b>TalentProfileContentItem</b> <sup>1</sup>
<b>CustomerInteraction</b> <sup>1</sup>	PriceList	<b>TalentProfileContentType</b> <sup>1</sup>
CustomerParty	ProductionPerformance	<b>TalentProfileInstanceQualifierSet</b> <sup>1</sup>
DebitMemo	ProductionRecipe	<b>TalentProfileRatingModel</b> <sup>1</sup>
DemandForecast	<b>Project</b> <sup>1</sup>	<b>TalentProfileType</b> <sup>1</sup>
<b>Department</b> <sup>1</sup>	<b>ProjectExpenditureItem</b> <sup>1</sup>	<b>TimeSheet</b> <sup>1</sup>
DisbursedPayment	<b>ProjectFinancialPlan</b> <sup>1</sup>	TransportationSalesOrder
<b>DrugSafetyReport</b> <sup>1,2</sup>	<b>ProjectResourceRateSchedule</b> <sup>1</sup>	TransportationStop
EngineeringChangeOrder	Promotion	Worker
FreightTerm	ProvisioningOrder	<b>WorkOrder</b> <sup>1</sup>

<sup>1</sup> New for AIA 2.5    <sup>2</sup> See Health Sciences Industry Folder

## Industry Specific Enterprise Business Objects

AIA offers industry focused Foundation Packs which contain all of the Core EBOs as well as industry specific EBOs.

Utilities License Objects	Insurance License Objects	Communications License Objects
<i>All Core Objects Plus the following</i>	<i>All Core Objects Plus the following</i>	<i>All Core Objects Plus the following</i>
MeterReading	Claim	ServiceUsage
ServiceUsage		CreditAlert
		TroubleTicket

## Business Process Models

BPM includes a set of activities that organizations perform to either optimize their business processes or adapt them to new organizational needs. Important elements include business process modeling and analysis (BPA), orchestration (BPEL), and business activity monitoring (BAM).

The BPA element allows a business analyst to create business process models depicting the desired optimized business processes. These models act as a communication device and design blueprint for the technical realization of the desired business process. They provide a business foundation for the addition of technical orchestration details. And they serve as a baseline for modifications resulting from business activity monitoring results.

The published models include hyperlinks to entries in the Business Services Repository (BSR) where technical details are described for Oracle AIA integration artifacts.

The Business Process Publisher is included for you to be able to view the published set of models and to allow business and technical analysts throughout your entire enterprise to view the models with a simple web browser. For full consumption of the delivered models, the source database is also included with Oracle AIA2.5. A licensed copy of the Business Process Architect is required to restore the source database and use the models.

Oracle AIA 2.5 includes Reference Process Models for the following:

- Oracle Application Integration Architecture Foundation Pack
- Oracle Application Integration Architecture Foundation Pack Extension for Health Sciences
- Oracle Order to Activate Integration Pack for Siebel CRM and Oracle Communications Order and Service Management
- Oracle Demantra Demand Management Integration to PeopleSoft Enterprise Supply Chain Management
- Oracle Design to Release Integration Pack for Agile Product Lifecycle Management and JD Edwards EnterpriseOne

- Oracle Financial Operations Control Integration Pack for Oracle Retail Merchandising Suite and Oracle E-Business Suite Financials
- Oracle Lead to Order Integration Pack for Oracle CRM On Demand and Oracle E-Business Suite
- Oracle Lead to Order Integration Pack for Oracle CRM On Demand and JD Edwards World
- Oracle Order to Cash Integration Pack for Siebel CRM and SAP
- Oracle Project Portfolio Management Integration Pack for Primavera P6 and Oracle E-Business Suite
- Oracle Project Portfolio Management Integration Pack for Primavera P6 and JD Edwards EnterpriseOne
- Oracle Siebel CRM Integration to Oracle Incentive Compensation
- Oracle Study, Subject, and Visit Synchronization Integration Pack for Siebel Clinical and Oracle Clinical
- Oracle Process Integration Pack for Oracle Utilities Field Work
- Oracle Value Chain Planning Integration to JDEdwards Enterprise One

Delivered model content includes the Level 0, Level 1, Level 2 and Level 3 models for those processes supported by Oracle AIA2.5.

Model content is cumulative and includes models delivered with prior AIA releases as well. Up to and including Oracle AIA2.5, integration artifacts and corresponding Reference Process Models were delivered for portions of the following business processes:

### **Communications Industry**

- Product Lifecycle Management
- Fulfillment
- Assurance
- Billing

### **Insurance Industry**

- Claims

### **Utilities Industry**

- Product Management
- Marketing Campaign
- Billing and Revenue Management
- Sales
- Order Fulfillment
- Customer Service

### **Financial Services Industry**

- Financial Control and Reporting

### **Retail Industry**

- Sales
- Procurement
- Inventory Management
- Financial Control and Reporting

### **Health Sciences**

- Research and Development

### **Cross-Industry**

- Enterprise Planning and Performance Management
- Marketing
- Sales
- Order Fulfillment
- Customer Service
- Field Service and Depot Repair
- Supply Chain Planning
- Product Management
- Production
- Procurement
- Materials Management and Logistics
- Transportation Management
- Project Management
- Financial Control and Reporting
- Cash and Treasury Management
- Asset Lifecycle Management
- Enterprise Information Management
- Recruiting
- Workforce Deployment
- Workforce Development
- Compensation Management

### **Cross-Industry Composite Business Flows**

- Order to Cash (Siebel Order/Siebel Opportunity to Oracle Order Management/Oracle

Transportation Management)

- Order to Cash (Siebel CRM to SAP Sales and Distribution)
- Design to Release (Agile Product Lifecycle Management to Oracle Product Information Management)
- Lead to Order (JDE E1 to CRM On Demand)
- Lead to Order (JDE World to CRM On Demand)
- AIA for Retail Financials (Retail Merchandising to PeopleSoft Enterprise Financials)
- AIA for Retail Financials (Retail Merchandising to E-Business Suite Financials)

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