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**PRIMAVERA**

**Value Chain Planning Provider Reference Guide  
Release 14.2**

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# Overview

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The *VCP Provider Reference Guide* provides a comprehensive listing of all business objects and associated fields available with the VCP provider delivered for Primavera Gateway. Review the list of supported business objects to determine the data that needs to be supported for integration in Primavera Gateway.

To view these business objects in the Primavera Gateway user interface, ensure that you have installed the VCP provider and then log in to Gateway and select the **Data Dictionary** menu.

Primavera Gateway supports data integration between Oracle Value Chain Planning and P6 EPPM applications.

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### Flow Types Supported in the VCP Provider

Primavera Gateway supports the following basic flow types:

- ▶ Import Project Data  
Define project data flows to import project data from VCP to P6 EPPM application.
- ▶ Export Project Data  
Define project data flows to export project data from P6 EPPM application to Oracle VCP application.



# Value Chain Planning Business Objects

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The following Value Chain Planning business objects are available in the **Data Dictionary** menu of the Gateway user interface. Select a specific business object to review a detailed list of fields supported for that business object.

Business Object	Description
Project	A project is a temporary endeavor undertaken to create a unique product, service, or result.
Task	A Task is a unit of work performed during the course of a project.
ParentTask	VCP Provider Work Breakdown Structure object.
Item	VCP Material Items across all projects.
ItemAssignment	VCP Item Assignments track the demand and supply of the items that are performing various tasks.

The following section lists fields available in each business object.

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## Item

**Description:** The item object is used to store material items across all projects.

Field	Description
ITEM_ID	Item ID.
ITEM_NAME	Item Name
ITEM_NUMBER	Item Number
ITEM_TYPE	The type that uniquely identifies the resource.
PARENT_ITEM_ID	Parent Item Number

## ItemAssignment

**Description:** The itemAssignment object is used to track the demand and supply of the items that are performing various tasks.

Field	Description
ITEM_ASSIGNMENT	The unique identifier of the assignment.
ITEM_ID	The unique identifier the resource.
ITEM_NUMBER	The name that uniquely identifies the resource.
IAS_SOURCE_VCP_ID	VCP P6 Resource Assignment ID.
PROJECT_ID	The unique identifier of the associated project.
TASK_ID	The unique identifier of the associated activity.
PARENT_TASK_ID	The unique identifier of the task.
ITEM_NAME	The name that uniquely identifies the resource.
ITEM_TYPE	The type that uniquely identifies the resource.
VCP_INVENTORY_ORGNAME	VCP Resource Assignment Inventory Organization Name.
ITEM_SELECTION	VCP Resource Assignment Selection YES/NO
ITEM_SELECTION_CODE	VCP Resource Assignment Selection Code.
PLANNED_UNITS	Planned units of this resource assignments.
SUGGESTED_DUE_DATE	The unique identifier of the associated ParentTask.
DEMAND_PEGGED_AVL_DATE	DEMAND_PEGGED_AVL_DATE
DEMAND_PEGGED_ORDER_TYPE	DEMAND_PEGGED_ORDER_TYPE
DEMAND_PEGGED_ORDER_NUMBER	DEMAND_PEGGED_ORDER_NUMBER



Field	Description
SUPPLY_PEGGED_ORDER_NUMBER	The pegged order number of the supply.
SUPPLY_ORDER_TYPE	The order type of the supply. For example, On Hand, Work Order, Planner Order.
SUPPLY_ORDER_NUMBER	The order number of the supply.
SUPPLY_ORDER_DATE	The date on which the supply order is placed or planned to be placed. For purchase orders this is the PO creation date.
SUPPLY_START_DATE	The date on which the supply is planned to be started
SUPPLY_ACTUAL_START_DATE	The date on which the supply actually started.
SUPPLY_SHIP_DATE	The date on which the supply order is planned to ship. This applies to inter-organization shipments.
SUPPLY_DOCK_DATE	The date on which a supply order arrives at the receiving dock. This applies to purchase orders and inter-organization shipments.
SUPPLY_DUE_DATE	The date on which the supply was due.
SUPPLY_UPDATED_ARRIVAL_DATE	This is the arrival date on supplies as updated by Oracle Transportation management.
SUPPLY_ITEM_ID	The VCP Item Id of the supply item.
SUPPLY_ITEM_NAME	The name of the supply item.
SUPPLY_ORGANIZATION	The organization corresponding to the supply.
SUPPLY_QUANTITY	The quantity of the supply planned by VCP in response to the demand.
SUPPLY_PROJECT_ID	The Project number of the supply. This is based on the project number of the demand that the supply pegs to.

## ParentTask

**Description:** The ParentTask object is used to store the Work Breakdown Structure (WBS) information.

Field	Description
TASK_ID	Task ID
TASK_NUMBER	Task Number
PARENT_TASK_ID	ParentTask element parent.
TASK_NAME	ParentTask Name
PROJECT_ID	Project ID of the associated project.
PARENTTASK_SOURCE_VCP_ID	VCP P6 corresponding source ParentTask ID

## Project

**Description:** A project is a temporary endeavor undertaken to create a unique product, service, or result.

Field	Description
PROJECT_ID	VCP project ID
PROJECT_NUMBER	VCP (P6) project number
PROJECT_SOURCE_VCP_ID	VCP (P6) project ID

## Task

**Description:** A Task is a unit of work performed during the course of a project.

Field	Description
TASK_ID	The activity ID in VCP.
PROJECT_NUMBER	The project ID in VCP for this activity.
PARENT_TASK_ID	ParentTask element parent.
TASK_NAME	TaskName
TASK_SOURCE_VCP_ID	VCP P6 activity ID
EARLIEST_ASSIGNMENT_DATE	VCP earliest assignment date
LATEST_ASSIGNMENT_DATE	VCP latest assignment date

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## Where to Get Documentation

Complete documentation libraries for Primavera Gateway releases are available on the Oracle Technology Network (OTN) at:

<http://www.oracle.com/technetwork/documentation/default-1923957.html>

From this location you can either view libraries online or download them to have local copies. We recommend viewing them from OTN to ensure you always access the latest versions, including critical corrections and enhancements.

Primavera Gateway is configured to access its help system on OTN. However, you can also install a local version when you install the software.

The documentation assumes a standard setup of the product, with full access rights to all features and functions.

The following table describes the core documents available for Primavera Gateway and lists the recommended readers by role.

<b>Title</b>	<b>Description</b>
<i>Gateway Help</i>	Describes how to work with Primavera Gateway and provides information to help users accomplish tasks. All users should read the Help.
<i>Gateway Developer's Guide</i>	Provides information on how third-party systems such as enterprise resource management (ERP) and enterprise asset management (EAM) systems can create their own providers in order to integrate with Primavera products. Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.
<i>Gateway Customization Guide</i>	Provides information on how to customize an existing third-party integration. Developers interested in customizing existing third-party


<b>Title</b>	<b>Description</b>
	providers that integrate with Primavera products via Primavera Gateway should read this book.
<i>Gateway Provider Reference Guide</i>	Provides a list of the business objects available for each supported provider. Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.
<i>EBS Provider Reference Guide</i>	Provides a list of the business objects available for the EBS provider. Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.
<i>VCP Provider Reference Guide</i>	Provides a list of the business objects available for the VCP provider. Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.
<i>Manual Deployment Guide</i>	Provides information on how to manually install and configure Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.
<i>Gateway Installation and Configuration Guide</i>	Provides information on how to install and configure Primavera Gateway. Primavera Gateway is a product that facilitates integrations with Primavera products and third-party systems such as enterprise resource management (ERP) and enterprise asset management (EAM) systems. The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.
<i>Gateway Upgrade Guide</i>	Provides a sequence of procedures that must be completed to upgrade to a new version of Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.
<i>Gateway Performance and Sizing Guide</i>	Provides hardware and software requirements for deploying Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.

Title	Description
<i>Gateway Security Guide</i>	Provides guidelines on establishing a highly secure environment for all Primavera Gateway environments. The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.
<i>Gateway API Programmer's Guide</i>	Provides instructions on how to access and use Primavera Gateway REST APIs. The Primavera Gateway network administrator/database administrator and Primavera Gateway users having the Gateway Developer role should read this guide.
<i>Connecting with Instantis EnterpriseTrack</i>	Provides instructions on how to setup the integration environment for Oracle Instantis EnterpriseTrack in Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.
<i>Connecting Prime and P6 EPPM</i>	Provides instructions on how to setup the integration environment between Oracle Primavera Prime and P6 Enterprise Project Portfolio Management in Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.
<i>Connecting Unifier and P6 Enterprise Project Portfolio Management</i>	Provides instructions on how to setup the integration environment between Oracle Primavera Unifier and P6 Enterprise Project Portfolio Management in Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.
<i>Migrating P6 Master Data Between Distinct Environments</i>	Provides instructions on how to setup the integration environment between distinct P6 deployments to transfer P6 data in Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator should read this guide.

Title	Description
<i>Connecting E-Business Suite and P6 EPPM</i>	Provides instructions on how to setup the integration environment between Oracle E-Business Suite and P6 Enterprise Project Portfolio Management in Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.
<i>Connecting Value Chain Planning and P6 EPPM</i>	Provides instructions on how to setup the integration environment between Oracle Value Chain Planning and P6 Enterprise Project Portfolio Management in Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.
<i>Configuring Gateway for Single Sign On</i>	Provides instructions on how to configure Oracle Access Manager (OAM) and then enable Single Sign On for Primavera Gateway. The Primavera Gateway network administrator/database administrator should read this guide.
<i>Gateway Licensing Information User Manual</i>	Lists licensing information of all third-party software that is used or associated with the Oracle software program.
<i>Tested Configurations</i>	Lists the configurations that have been tested and verified to work with Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.

### Distributing Information to the Team

You can copy the online documentation to a network drive for access by project participants. Each team member can then view or print those portions that specifically relate to his or her role in the organization.

Throughout this documentation, the Security Guidance icon  helps you to quickly identify security-related content to consider during the installation and configuration process.

### Where to Get Training

To access comprehensive training for all Primavera products, go to:

<http://education.oracle.com>

## Oracle Learning Library

The Oracle Learning Library (OLL) provides online learning content covering Primavera products. Content includes videos, tutorials, articles, demos, step-by-step instructions to accomplish specific tasks, and self-paced interactive learning modules.

To access the learning library's Primavera content, go to:

<http://www.oracle.com/goto/oll>

## Where to Get Support

If you have a question about using Oracle products that you or your network administrator cannot resolve with information in the documentation or help, click <http://support.oracle.com/>. This page provides the latest information on contacting Oracle Global Customer Support, knowledge articles, and the support renewals process. For more information about working with Support, visit <https://support.oracle.com/epmos/faces/DocumentDisplay?id=888813.2> to view Support Tools & Tips.

### Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/us/support/contact-068555.html> or visit <http://www.oracle.com/us/corporate/accessibility/support/index.html> if you are hearing impaired.

### Using Primavera's Support Resource Centers

Primavera's Support Resource Center provides links to important support and product information. Primavera's Product Information Centers (PICs) organize documents found on My Oracle Support (MOS), providing quick access to product and version specific information such as important knowledge documents, Release Value Propositions, and Oracle University training. PICs also offer documentation on Lifetime Management, from planning to installs, upgrades, and maintenance.

Visit <https://support.oracle.com/epmos/faces/DocumentDisplay?id=1486951.1> to access links to all of the current PICs.

PICs also provide access to:

- ▶ **Communities** are moderated by Oracle providing a place for collaboration among industry peers to share best practices.
- ▶ **News** from our development and strategy groups.
- ▶ **Education** contains a list of available Primavera product trainings through Oracle University. The Oracle Advisor Webcast program brings interactive expertise straight to the desktop using Oracle Web Conferencing technology. This capability brings you and Oracle experts together to access information about support services, products, technologies, best practices, and more.

For more information about working with Support, visit <https://support.oracle.com/epmos/faces/DocumentDisplay?id=888813.2>.

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.



# Legal Notices

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Oracle Primavera Value Chain Planning Provider Reference Guide

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