Oracle® Communications Unified Inventory Management

Licensing Information User Manual Release 7.4.1 F25556-01

March 2020



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Introduction

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Licensing Information

Product	Subproduct	Licensing Description
Oracle Communications Unified Inventory Management –	All	Each Oracle Communications Unified Inventory Management — Resource Management module or Oracle Communications Unified Inventory Management — Service Management module includes the ability and rights to use the core Oracle Communications Unified Inventory Management platform functionality. This includes the tracking of parties, business interactions, engineering work orders, life-cycles and nongeographic locations, via the browser-based GUI and the APIs.
Core Platform		Included Products:
		Oracle WebLogic Server Enterprise Edition license for exclusive use with Oracle Communications Unified Inventory Management.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio
		The allowable usage of the platform is governed by the licensed modules based upon the type and quantity of managed objects. At least one Resource Management or Service Management application must be licensed to deploy the core platform for Oracle Communications Unified Inventory Management. These applications of Oracle Communications Unified Inventory Management are listed in this table.
Oracle Communications Unified Inventory	Oracle Communications Geographic Address	Oracle Communications Geographic Address Management models specific addresses relating to locations where service is delivered or where network equipment may reside. These may include Street Address, lot addresses or other nomenclature. This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.
Management –	Management	Included Products:
Resource Management		A license of Oracle Communications Geographic Address Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio
		Restrictions:
		Oracle Communications Geographic Address Management customers are licensed for the purpose of managing geographic addresses only. Any use outside of geographic address management requires the purchase of a different Oracle Communications Unified Inventory Management license.
		A license to Oracle Communications Geographic Address Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Geographic Address Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.
	Oracle Communications	Oracle Communications Device Management enables the management of physical inventory. It also enables the management of customer, access or network devices, as seen from a logical perspective.
	Device Management	Switches, routers, servers, shelves, chassis, cable modems, set top boxes, PCs, access points, and other such objects may all be modeled and tracked as Physical Devices, Hardware (Equipment), and/or Logical Devices.

Product	Subproduct	Licensing Description
		This module allows such items to be modeled as complex objects and enables functions and concepts such as assignment/consumption, activation, capacity management, equipment hierarchy, equipment compatibility, equipment assemblies, and topology.
		Device Management functionality includes:
		Representing devices in textual, tree and graphical view, including the use of custom graphic images
		Browsing and searching for devices and related and associated objects
		Drag and drop moving of objects
		Tracking characteristics and detail about devices
		Management and consumption of devices, interfaces, ports, connecters and capacity
		Included Products:
		A License of Oracle Communications Device Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio
		Restrictions:
		Oracle Communications Device Management customers are licensed for the purpose of managing devices only. Any use outside of device management requires the purchase of a different Oracle Communications Unified Inventory Management license.
		This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.
		A license to Oracle Communications Device Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Device Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.
	Oracle Communications Connectivity	Oracle Communications Connectivity Management allows the management of physical links between devices, such as copper pairs, optical fibers, coaxial cables or radio links, and of logical links such as circuits, trails, facilities, channels and cross-connects.
	Management	Connectivity Management also addresses:
		Modeling of connectors and various types of connection
		Tracking custom characteristics and detail about connections
		Application of connection rules
		Support for assignable capacity
		Maintaining hierarchal relationships through enablement's (assignments)
		Path Analysis for Pipes to perform complex and effective analysis of the potential routes between two locations or devices based on required capacity. Results are presented based on least number of hops.
		Grooming, rehoming, and insert & delete node functionality for channelized connectivity

Product	Subproduct	Licensing Description
	•	Included Products:
		A license of Oracle Communications Connectivity Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio
		For Connectivity Management to function in a meaningful way, data on connection end points (Devices) must be populated using the following module:
		Oracle Communications Device Management
		To use UIM channelized connectivity entities to model TDM technologies (SDH, SONET, & T/E/J-Carrier), Network Locations on the connectivity end points require property location addresses using the following module:
		Oracle Communications Geographic Address Management
		Restrictions:
		Oracle Communications Connectivity Management customers are licensed for the purpose of managing connections only. Any use outside of connection management requires the purchase of a different Oracle Communications Unified Inventory Management license.
		This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.
		A license to Oracle Communications Connectivity Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Connectivity Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.
	Oracle Communications Network Design	Oracle Communications Network Design and Modeling provides a mechanism to document a logical graphical perspective of physical, logical, customer or arbitrary inventory. Networks consist of nodes that are interconnected by edges. There can be few or many nodes that represent definitive or casual items.
	and Modeling	This module allows networks of various degrees of complexity to be represented and manipulated graphically, using configurable icons.
		 Nodes can represent known or unknown objects (locations, devices, etc)
		 Edges indicate specific connectivity or reachability between nodes
		 Layout tools allow nodes to be arranged on the canvas
		Networks can be multi-layered on the canvas
		Nodes can also be displayed geographically on a map
		Relationships between networks may be represented, and layered networks may be navigated using zoom in/zoom out feature
		Included Products:
		A license of Oracle Communications Network Design and Modeling includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition

Product	Subproduct	Licensing Description
		Oracle Communications Design Studio
		For Network Design and Modeling to function in a meaningful way there is not a requirement for additional modules but its use is usually contemporaneous with:
		Oracle Communications Device Management
		Oracle Communications Connectivity Management
		The license for Oracle Communications Network Design and Modeling includes access to map data provided by Oracle eLocation Service. Access to maps of other types or for other locations may require map data to be licensed from a third-party data provider.
		Restrictions:
		Oracle Communications Network Design and Modeling customers are licensed for the purpose of designing and modeling networks only. Any use outside of network design and modeling requires the purchase of a different Oracle Communications Unified Inventory Management license.
		This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.
		A license to Oracle Communications Network Design and Modeling includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Network Design and Modeling graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.
	Oracle Communications	Telephone Numbers can be defined, created and managed and rules can be created to apply number classification, such as for lucky or vanity numbers.
	Telephone	Number transition through life cycles
	Number Management	 Assignment to services, subscribers/resellers/MVNOs (Parties), devices
		Number masks and patterns
		Included Products:
		A license of Oracle Communications Telephone Number Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio
		Restrictions:
		Oracle Communications Telephone Number Management customers are licensed for the purpose of managing telephone numbers only. Any use outside of telephone number management requires the purchase of a different Oracle Communications Unified Inventory Management license.
		This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.
		A license to Oracle Communications Telephone Number Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Telephone Number Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.

Product	Subproduct	Licensing Description
	Oracle Communications	Account types, such as email, IMS, voicemail, VoIP, etc. can be documented and managed against logical devices representing servers or other devices.
	Logical Device	Capacity of the device can be monitored and managed
	Account	Associated to subscribers (Parties)
	Management	Created/removed in bulk
		Included Products:
		A license of Oracle Communications Logical Device Account Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio
		For account management to function in a meaningful way the following areas must exist and be populated:
		Oracle Communications Device Management
		Restrictions:
		Oracle Communications Logical Device Account Management customers are licensed for the purpose of managing logical account devices only. Any use outside of logical device account management requires the purchase of a different Oracle Communications Unified Inventory Management license.
		This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.
		A license to Oracle Communications Logical Device Account Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Logical Device Account Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.
	Oracle Communications Universal	Oracle Communications Universal Resource Management provides for the generic management of resources that need to be tracked but not with the richness of structure or function provided by Oracle Communications Device Management.
	Resource	Included Products:
	Management	A license of Oracle Communications Universal Resource Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio
		Restrictions:
		Oracle Communications Universal Resource Management customers are licensed for the purpose of managing any type of resource only. Any use outside of resource management requires the purchase of a different Oracle Communications Unified Inventory Management license.
		This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.

Product	Subproduct	Licensing Description
		A license to Oracle Communications Universal Resource Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Universal Resource Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.
	Oracle Communications IP Address	Oracle Communications IP Address Management provides management of IPv4 and IPv6 addresses, including creating IP network addresses, partitioning & joining subnets, creating host IP addresses, reserving & assigning IP addresses.
	Management	Included Products:
		A license of Oracle Communications IP Address Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio
		Restrictions:
		Oracle Communications IP Address Management customers are licensed for the purpose of managing IP addresses only. Any use outside of IP address management requires the purchase of a different Oracle Communications Unified Inventory Management license.
		This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.
		Restricted use: A license to Oracle Communications IP Address Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run and manage the Oracle Communications IP Address Management application (including access via graphical user interface application and web services) as provided by Oracle utilizing exclusively the following WLS EE components: Core WebLogic application server, Oracle TopLink & Application Development Framework (includes MapViewer), Oracle JDeveloper, Oracle Security Developer Tools, Java SE, the WebLogic Management Framework & HTTP Server subcomponents of Web Tier, Oracle Enterprise Manager Fusion Middleware Control and Clustering support.
	Oracle Communications Media Stream Management	Oracle Communications Media Stream Management enables the modeling and management of media streams. Media Stream specifications are used to model content such as audio and video media delivered over cable, satellite, radio, or streaming IP; characteristics can be used to supplement the default data elements. Behaviors can be associated with media streams by using rulesets and extension points.
		Included Products:
		A license of Oracle Communications Media Stream Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio
		Restrictions:
		Oracle Communications Media Stream Management customers are licensed for the purpose of managing media streams only. Any use outside of media stream management requires the purchase of a different Oracle Communications Unified Inventory Management license.

Product	Subproduct	Licensing Description
		This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.
		Restricted use: A license to Oracle Communications Media Stream Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run and manage the Oracle Communications Media Stream Management application (including access via graphical user interface application and web services) as provided by Oracle utilizing exclusively the following WLS EE components: Core WebLogic application server, Oracle TopLink & Application Development Framework (includes MapViewer), Oracle JDeveloper, Oracle Security Developer Tools, Java SE, the WebLogic Management Framework & HTTP Server subcomponents of Web Tier, Oracle Enterprise Manager Fusion Middleware Control and Clustering support.
	Oracle Communications Network Service	Oracle Communications Network Service Orchestration enables the lifecycle management of Network Services and Virtual Network Functions (VNFs) running on a virtualized network infrastructure. It includes the ability to allocate resources to those Network Services and VNFs.
	Orchestration	Included Products:
		A license of Oracle Communications Network Service Orchestration includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio
		Restrictions:
		Oracle Communications Network Service Orchestration customers are licensed for the purpose of lifecycle management of Network Services and Network Functions running on a virtualized network infrastructure only. Any use outside of this requires the purchase of a different Oracle Communications Unified Inventory Management license.
		This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.
		A license to Oracle Communications Network Service Orchestration includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Network Service Orchestration graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.
Oracle Communications Unified	Oracle Communications Service	Oracle Communications Service Configuration Management for Mobile enables the management of simple or complex services provided any mobile wireless network such as GSM/UMTS, LTE, CDMA, PHS, or mobile WiMAX.
Inventory Management – Service	Configuration Management for Mobile	This module provides the ability to define and manage service configurations, including the structure and relationships of one service to another, the relationship between services and products, and the allocation of resources to services.
Management		Included Products:
		A license of Oracle Communications Service Configuration Management for Mobile includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio

Product	Subproduct	Licensing Description
		Restrictions:
		Oracle Communications Service Configuration Management for Mobile customers are licensed for the purpose of managing service configuration data for mobile services only. Any use outside of mobile service configuration management such as fixed wireless service for broadband requires the purchase of a different Oracle Communications Unified Inventory Management license.
		This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.
		A license to Oracle Communications Service Configuration Management for Mobile includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Service Configuration Management for Mobile graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.
	Oracle Communications	Oracle Communications Service Configuration Management for Wireline enables the management of fixed-location or nomadic services provided via any wired or fixed wireless network.
	Service Configuration Management for	This module provides the ability to define and manage service configurations, including the structure and relationships of one service to another, the relationship between services and products, and the allocation of resources to services
	Wireline	Included Products:
		A license of Oracle Communications Service Configuration Management for Wireline includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.
		Prerequisites:
		Oracle Database Enterprise Edition
		Oracle Communications Design Studio
		Restrictions:
		Oracle Communications Service Configuration Management for Wireline customers are licensed for the purpose of managing service configuration data for wireline services only. Any use outside of wireline service configuration management requires the purchase of a different Oracle Communications Unified Inventory Management license.
		This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.
		A license to Oracle Communications Service Configuration Management for Wireline includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Service Configuration Management for Wireline graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.

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Commercial Software

Commercial software products or components distributed in Unified Inventory Management are identified in the following table along with the applicable licensing information.

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Provider	Component(s) JTGO including Maps 8.8.25 Jviews Diagrammer 8.8.25	Functionality Visualization, GUI	NOTICES AND INFORMATION Rogue Wave JViews Enterprise 8.8 Rogue Wave JViews Charts 8.8 Rogue Wave JViews Diagrammer 8.8 Rogue Wave JViews Gantt 8.8 Rogue Wave JViews Maps 8.8 The Rogue Wave license agreement and any applicable information on the web download page for Rogue Wave products refers Licensee to this file for details concerning notices applicable to code included in the products listed above ("the Program"). Notwithstanding the terms and conditions of any other agreement Licensee may have with Rogue Wave or any of its related or affiliated entities (collectively "Rogue Wave"), the third party code identified below is subject to the terms and conditions of the Rogue Wave license agreement for the Program and not the license terms that may be contained in the notices below. The notices are provided for informational purposes. Please note: This Notices file may identify information that is not used by, or that was not shipped with, the Program as Licensee installed it. IMPORTANT: Rogue Wave does not represent or warrant that the information in this NOTICES file is accurate. Third party websites are independent of Rogue Wave and Rogue Wave does not represent or warrant that the information on any third party website referenced in this NOTICES file is accurate. Rogue Wave disclaims any and all liability for errors and omissions or for any damages accruing from the use of this NOTICES file or its contents, including without limitation URLs or references to any third party websites. ===================================
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Open Source Implementation of JSR 173: Streaming API for XML (StAX)

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