

**Oracle® Communications
Unified Inventory Management**

Licensing Information User Manual

Release 7.2.5

E59956-01

January 2015

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Contents

Introduction.....	1
Licensing Information	2
Third-Party Notices	14
Commercial Software	14
Open Source Software	14
Third Party Licenses	18
ANTLR License.....	18
Apache License, Version 2.0.....	18
Common Development And Distribution License Version 1.0 (CDDL-1.0).....	20
Eclipse Public License Version 1.0	24
ICU License – ICU 1.8.1 and Later	27
Indiana University Extreme! Lab Software License Version 1.1.1.....	28
MetaStuff License	28
The MIT License	29
Saxonica-EE License.....	29
Xstream 1.4.2 License.....	33

Introduction

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Licensing Information

Product	Subproduct	Licensing Description
Oracle Communications Unified Inventory Management – Core Platform	All	<p>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 non-geographic locations, via the browser-based GUI and the APIs.</p> <p>Included Products:</p> <p>Oracle WebLogic Server Enterprise Edition license for exclusive use with Oracle Communications Unified Inventory Management.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Database Enterprise Edition • Oracle Communications Design Studio <p>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.</p>
Oracle Communications Unified Inventory Management – Resource Management	Oracle Communications Geographic Address Management	<p>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.</p> <p>Included Products:</p> <p>A license of Oracle Communications Geographic Address Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Database Enterprise Edition • Oracle Communications Design Studio <p>Restrictions:</p> <p>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.</p> <p>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.</p>
	Oracle Communications Device Management	<p>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.</p> <p>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</p>

Product	Subproduct	Licensing Description
		<p>Devices.</p> <p>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.</p> <p>Device Management functionality includes:</p> <ul style="list-style-type: none"> • 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, connectors and capacity <p>Included Products:</p> <p>A License of Oracle Communications Device Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Database Enterprise Edition • Oracle Communications Design Studio <p>Restrictions:</p> <p>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.</p> <p>This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.</p> <p>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.</p>
	Oracle Communications Connectivity Management	<p>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.</p> <p>Connectivity Management also addresses:</p> <ul style="list-style-type: none"> • 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 enablements (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, rehomeing, and insert & delete node functionality for

Product	Subproduct	Licensing Description
		<p>channelized connectivity</p> <p>Included Products:</p> <p>A license of Oracle Communications Connectivity Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Database Enterprise Edition • Oracle Communications Design Studio <p>For Connectivity Management to function in a meaningful way, data on connection end points (Devices) must be populated using the following module:</p> <ul style="list-style-type: none"> • Oracle Communications Device Management <p>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:</p> <ul style="list-style-type: none"> • Oracle Communications Geographic Address Management <p>Restrictions:</p> <p>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.</p> <p>This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.</p> <p>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.</p>
	Oracle Communications Network Design and Modeling	<p>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.</p> <p>This module allows networks of various degrees of complexity to be represented and manipulated graphically, using configurable icons.</p> <ul style="list-style-type: none"> • 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 <p>Relationships between networks may be represented, and layered networks may be navigated using zoom in/zoom out feature</p> <p>Included Products:</p> <p>A license of Oracle Communications Network Design and Modeling includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.</p> <p>Prerequisites:</p>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> • Oracle Database Enterprise Edition • Oracle Communications Design Studio <p>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:</p> <ul style="list-style-type: none"> • Oracle Communications Device Management • Oracle Communications Connectivity Management <p>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.</p> <p>Restrictions:</p> <p>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.</p> <p>This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.</p> <p>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.</p>

Product	Subproduct	Licensing Description
	Oracle Communications Telephone Number Management	<p>Telephone Numbers can be defined, created and managed and rules can be created to apply number classification, such as for lucky or vanity numbers.</p> <ul style="list-style-type: none"> Number transition through life cycles Assignment to services, subscribers/resellers/MVNOs (Parties), devices Number masks and patterns <p>Included Products:</p> <p>A license of Oracle Communications Telephone Number Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> Oracle Database Enterprise Edition Oracle Communications Design Studio <p>Restrictions:</p> <p>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.</p> <p>This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.</p> <p>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.</p>
	Oracle Communications Logical Device Account Management	<p>Account types, such as email, IMS, voicemail, VoIP, etc. can be documented and managed against logical devices representing servers or other devices.</p> <ul style="list-style-type: none"> Capacity of the device can be monitored and managed Associated to subscribers (Parties) Created/removed in bulk <p>Included Products:</p> <p>A license of Oracle Communications Logical Device Account Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> Oracle Database Enterprise Edition Oracle Communications Design Studio <p>For account management to function in a meaningful way the following areas must exist and be populated:</p> <ul style="list-style-type: none"> Oracle Communications Device Management <p>Restrictions:</p> <p>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</p>

Product	Subproduct	Licensing Description
		<p>Inventory Management license.</p> <p>This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.</p> <p>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.</p>
	Oracle Communications Universal Resource Management	<p>Oracle Communications Universal Resource Management provides for the generic management of resources such as customer premise equipment, handsets, set top boxes, and other objects that need to be tracked but not with the richness of structure or function provided by Oracle Communications Device Management.</p> <p>Included Products:</p> <p>A license of Oracle Communications Universal Resource Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Database Enterprise Edition • Oracle Communications Design Studio <p>Restrictions:</p> <p>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.</p> <p>This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.</p> <p>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.</p>
	Oracle Communication Network Service Orchestration	<p>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.</p> <p>Included Products:</p> <p>A license of Oracle Communications Network Service Orchestration includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.</p> <p>Prerequisites:</p> <p>Oracle Database Enterprise Edition</p> <p>Oracle Communications Design Studio</p> <p>Restrictions:</p> <p>Oracle Communications Network Service Orchestration customers are licensed for the purpose of lifecycle management of Network Services</p>

Product	Subproduct	Licensing Description
		<p>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.</p> <p>This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.</p> <p>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.</p>
Oracle Communications Unified Inventory Management – Service Management	Oracle Communications Service Configuration Management for Mobile	<p>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.</p> <p>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.</p> <p>Included Products:</p> <p>A license of Oracle Communications Service Configuration Management for Mobile includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Database Enterprise Edition • Oracle Communications Design Studio <p>Restrictions:</p> <p>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.</p> <p>This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.</p> <p>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.</p>
	Oracle Communications Service Configuration Management for Wireline	<p>Oracle Communications Service Configuration Management for Wireline enables the management of fixed-location or nomadic services provided via any wired or fixed wireless network.</p> <p>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</p> <p>Included Products:</p> <p>A license of Oracle Communications Service Configuration Management for Wireline includes a restricted-use license to Oracle WebLogic Server</p>

Product	Subproduct	Licensing Description
		<p>Enterprise Edition.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Database Enterprise Edition • Oracle Communications Design Studio <p>Restrictions:</p> <p>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.</p> <p>This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.</p> <p>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.</p>
Oracle Communications Unified Inventory Management – Technology Packs	Oracle Communications MPLS L3 VPN Technology Pack	<p>The Oracle Communications MPLS L3 VPN Technology Pack provides pre-defined business entities and behaviors commonly required by providers of data networking services service using MPLS Layer 3 Virtual Private Networks as specified by RFC4364.</p> <p>It includes specifications and rules that support:</p> <ul style="list-style-type: none"> • IP VPN Service <ul style="list-style-type: none"> ◦ Hub and Spoke/Mesh/Hybrid Topologies ◦ Extranets ◦ Managed resources: Route Target and VPN-ID • IP VPN Termination <ul style="list-style-type: none"> ◦ Modeling of Dual homed Sites ◦ Logical modeling for CE device, CPE device, interfaces • PE and VRF modeling <ul style="list-style-type: none"> ◦ Logical modeling for PE device, VRFs, interfaces ◦ Managed resources: Route Distinguisher, IP addresses • Routing attributes for eBGP, OSPF, RIP, EIGRP and Static Routing • VRF attributes: VRF-lite, Interface-less VRFs • Business Logic for allocation of RDs, RTs, VPN-IDs <p>Prerequisites:</p> <p>This Technology Pack adds domain-specific functionality to the Oracle Communications Unified Inventory Management Resource Management and Service Management applications: as such at least one of the following Managers must be purchased, and to obtain full value of the Technology Pack all should be purchased.</p> <ul style="list-style-type: none"> • Oracle Communications Geographic Address Management • Oracle Communications Device Management • Oracle Communications Connectivity Management • Oracle Communications Network Design and Modeling

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> • Oracle Communications Logical Device Account Management • Oracle Communications Universal Resource Management • Oracle Communications Service Configuration Management for Wireline
	Oracle Communications Metro Ethernet Technology Pack	<p>The Oracle Communications Metro Ethernet Technology Pack provides pre-defined business entities and behaviors commonly required by providers of data networking services using Metro Ethernet technology as standardized by the Metro Ethernet Forum.</p> <p>It includes specifications and rules that support:</p> <ul style="list-style-type: none"> • Metro-E Services <ul style="list-style-type: none"> ◦ Ethernet Private Line Services: EP-Line, EP-LAN, EP-Tree ◦ Ethernet Virtual Private Line Services – EVP-Line, EVP-LAN, EVP-Tree • VLAN assignment and usage management within a domain • Ethernet Sites <ul style="list-style-type: none"> ◦ UNI-N parameter modeling ◦ VLAN assignment and EVC mapping ◦ Logical modeling for CPE device, interfaces <p>Model integrity validation and characteristic validation</p> <p>Prerequisites:</p> <p>This Technology Pack adds domain-specific functionality to the Oracle Communications Unified Inventory Management Resource Management and Service Management applications: as such at least one of the following Managers must be purchased, and to obtain full value of the Technology Pack all should be purchased.</p> <ul style="list-style-type: none"> • Oracle Communications Geographic Address Management • Oracle Communications Device Management • Oracle Communications Network Design and Modeling • Oracle Communications Logical Device Account Management • Oracle Communications Service Configuration Management for Wireline
	Oracle Communications Consumer VoIP Technology Pack	<p>The Oracle Communications Consumer VoIP Technology Pack provides pre-defined business entities and behaviors commonly required by providers of consumer Phone service using VoIP technology.</p> <p>It includes specifications and rules that support:</p> <ul style="list-style-type: none"> • Consumer VoIP Service <ul style="list-style-type: none"> ◦ Subscriber association ◦ Telephone Number Management ◦ Phone Feature Assignment ◦ User credentials • VoIP Terminal modeling for VoIP variants: SIP, H.323 • CPE details such as Serial, MAC, and IP address, etc. • Associations to: Gatekeeper, Proxy, Session Border Controller, DHCP, TFTP servers • Business Logic for allocation of Telephone number

Product	Subproduct	Licensing Description
		<p>Prerequisites:</p> <p>This Technology Pack adds domain-specific functionality to the Oracle Communications Unified Inventory Management Resource Management and Service Management applications: as such at least one of the following Managers must be purchased, and to obtain full value of the Technology Pack all should be purchased.</p> <ul style="list-style-type: none"> • Oracle Communications Geographic Address Management • Oracle Communications Telephone Number Management • Oracle Communications Device Management • Oracle Communications Logical Device Account Management • Oracle Communications Service Configuration Management for Wireline
	Oracle Communications Layer 2 VPN Technology Pack	<p>The Oracle Communications Layer 2 VPN Technology Pack provides pre-defined business entities and behaviors commonly required by providers of data network services using layer 2 VPN technologies.</p> <p>It includes specifications and rules that support:</p> <ul style="list-style-type: none"> • Virtual Leased Line Services (also known as Pseudo Wire Emulations – PWE) <ul style="list-style-type: none"> ◦ Ethernet VLAN, Port –Based, Q-in-Q • Virtual Private LAN Services (VPLS) <ul style="list-style-type: none"> ◦ H&S, Mesh Topologies ◦ Technology Types: Lassare (LDP) and Kompella (BGP) ◦ Managed Resources: Route Target and VPN ID • VPN Site <ul style="list-style-type: none"> ◦ Modeling of Dual Home Sites ◦ Logical modeling of CPE device and interfaces • PE and VSI modeling <ul style="list-style-type: none"> ◦ Logical modeling for PE Device, VSIs, interfaces ◦ Managed Resources: Route Distinguishers ◦ VSI Attributes • Business Logic <ul style="list-style-type: none"> ◦ Allocation of RDs and RTs <p>Prerequisites:</p> <p>This Technology Pack adds domain-specific functionality to the Oracle Communications Unified Inventory Management Resource Management and Service Management applications: as such at least one of the following Managers must be purchased, and to obtain full value of the Technology Pack all should be purchased.</p> <ul style="list-style-type: none"> • Oracle Communications Geographic Address Management • Oracle Communications Device Management • Oracle Communications Network Design and Modeling • Oracle Communications Logical Device Account Management • Oracle Communications Service Configuration Management for Wireline
	Oracle Communications	<p>The Oracle Communications GSM 3GPP Technology Pack provides pre-defined business entities and behaviors commonly required by providers</p>

Product	Subproduct	Licensing Description
	Mobile GSM 3GPP Technology Pack	<p>of GSM as defined by 3GPP.</p> <p>It includes specifications and rules that support:</p> <ul style="list-style-type: none"> • GSM 3GPP Service <ul style="list-style-type: none"> ◦ Subscriber association ◦ Telephone Number Management ◦ Implementation of Service Profiles ◦ Voice Mail Service ◦ Management of SIM Card and IMSIs • Modeling of HLR Service Areas • Modeling of HLR and Voice Mail Servers • Business Logic for allocation of Telephone number • Service Configuration rule sets to : • Automate GSM Service and Voice Mail Service Configuration • Complete GSM Service and Voice Mail Service Configuration • Cancel GSM Service and Voice Mail Service Configuration • Suspend and Resume GSM Service • Custom Service Actions and Parameters for Service Fulfillment Web Services to accelerate Integration with OSM. <p>Prerequisites:</p> <p>This Technology Pack adds domain-specific functionality to the Oracle Communications Unified Inventory Management Resource Management and Service Management application, as such at least one of the following Managers must be purchased, and to obtain full value of the Technology Pack all should be purchased.</p> <ul style="list-style-type: none"> • Oracle Communications Geographic Address Management • Oracle Communications Device Management • Oracle Communications Telephone Number Management • Oracle Communications Logical Device Account Management • Oracle Communications Service Configuration Management for Mobile
	Oracle Communications Cable TV Technology Pack	<p>The Oracle Communications Cable TV Technology Pack provides pre-defined business entities and behaviors commonly required by providers of Cable TV services.</p> <p>It includes specifications and rules that support:</p> <ul style="list-style-type: none"> • Logical Architecture for MSO to visualize Regions and Clusters of Controllers and Hubs • Creating Headend, Access, and VOD Controllers • Creating Subscription Resources such as Video Entitlement Media Streams and subscription devices • Cable Video Service • Manage Service Locations (Accounts) • Custom Actions for use with Service Fulfillment Web Services are: <ul style="list-style-type: none"> ◦ Create ◦ Change Add Subscriber

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> ○ Change Add Subscription ○ Change Remove Subscriber ○ Change Remove Subscription ○ Change Add Stream ○ Change Remove Stream ○ Change Swap Subscription Device ○ Change Unsubscribe All <p>Prerequisites:</p> <p>This Technology Pack adds domain-specific functionality to the Oracle Communications Unified Inventory Management Resource Management and Service Management applications. As such, at least one of the following Managers must be purchased, and to obtain full value of the Technology Pack, all of these Managers should be purchased:</p> <ul style="list-style-type: none"> • Oracle Communications Geographic Address Management • Oracle Communications Device Management • Oracle Communications Network Design and Modeling • Oracle Communications Service Configuration Management for Wireline

Third-Party Notices

Commercial Software

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

Provider	Component(s)	Functionality	Licensing Information
ILOG	JTGO 8.8 Jviews Diagrammer 8.8	Visualization, GUI	ILOG visualization components from JTGO and Jviews Diagrammer are included as part of the license for Oracle Communications Unified Inventory Management. Any use of ILOG components outside of Oracle Communications Unified Inventory Management requires the purchase of the appropriate licenses from ILOG.

Open Source Software

Required notices for open source software products or components distributed in Oracle Communications Unified Inventory Management are identified in the following table along with the applicable licensing information. For the full text of each license, see [Third Party Licenses](#) in this document. Additional notices and/or licenses may be found in the included documentation or readme files of the individual third party open source software.

Provider	Component(s)	Functionality	Licensing Information
Apache Software Foundation	Log4j 1.2.16 POI 3.9 commons-logging-1.0.4.jar (1.0.4) xalan.jar (2.7.1) serializer.jar (2.7.1) xercesImpl.jar (1.3.1) axis.jar (1.4) commons-discovery-0.2.jar (0.2) org.apache.commons.beanutils_1.6.jar com.bea.core.apache.commons.collections_3.2.0.jar com.springsource.org.apache.commons.logging-1.1.1.jar Commons Lang 2.1	Scripting Platform Platform Persistence Tier & Install	Copyright © 1999-2012 The Apache Software Foundation Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 . For a copy of the license, see Apache License, Version 2.0 .

Provider	Component(s)	Functionality	Licensing Information
	Spring Framework 3.0.4		
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