

**Oracle® Communications
Billing and Revenue Management**

Licensing Information User Manual

Release 7.5

E62353-11

December 2019

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Introduction

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Licensing Information

Product	Subproduct	Licensing Description
<p>Oracle Communications Billing and Revenue Management Server Products</p>	<p>All Oracle Communications Advanced Billing and Revenue Management Products</p>	<p>Included products:</p> <p>The following modules are included:</p> <ul style="list-style-type: none"> • Balance Management • Balance Monitoring • Billing • Convergent Subscriber Management • Financial Management • Business Operations Center • Invoicing • Order Inventory Framework • Partner Relationship Management • Pipeline Configuration Center • Pricing Center • Real-time Rating • Reporting • Self-Care Manager • Subscriber and Hierarchy Management • Subscriber Groups Management • Resource Reservation Manager • Advanced Discounting • Elastic Charging Engine • Oracle Communications Batch Rating • Oracle Communications Offline Mediation Controller <p>Restrictions:</p> <p>Use of Oracle Communications Offline Mediation Controller is restricted to development of, management of, and access to end user services managed by Oracle Communications Advanced Billing and Revenue Management when using the Elastic Charging Engine.</p> <p>The license for Oracle Communications Offline Mediation Controller is restricted for use with Oracle Communications Advanced Billing and Revenue Management and includes the Offline Mediation Controller Elastic Charging Engine Bundle and Suspense Management Cartridge Bundle. Any need to use Offline Mediation Controller Cartridges outside of Oracle Communications Advanced Billing and Revenue Management requires a separate purchase of a full use license of Offline Mediation Controller. Offline Mediation Controller Cartridges can be used with the restricted use license of Offline Mediation Controller for use with Oracle Communications Advanced Billing and Revenue Management only. Additional cartridges and cartridge bundles for use with Oracle Communications Advanced Billing and Revenue Management can be purchased separately. See the supplemental information of each Offline Mediation Controller Cartridge for additional restrictions.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Database Enterprise Edition

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> • Oracle Database Enterprise Edition Option: Partitioning • Oracle Communications Pricing Design Center • Customer must be licensed to use Oracle Business Intelligence Publisher for Oracle Applications: <ul style="list-style-type: none"> ○ To use out-of-the-box reports shipped with Oracle Communications Advanced Billing and Revenue Management or build additional reports against the Oracle Communications Billing and Revenue Management schema. Oracle Business Intelligence Publisher is the reporting platform for Oracle Communications Billing and Revenue Management. ○ To leverage the Oracle Communications Advanced Billing and Revenue Management integration with Oracle Business Intelligence Publisher for generating invoice documents. <p>The following are required only when deploying Elastic Charging Engine:</p> <ul style="list-style-type: none"> • Oracle Coherence Enterprise Edition for Oracle Applications or Oracle Coherence Grid Edition if active site redundancy is required. • NoSQL Database Enterprise Edition <p>The following is a prerequisite for using Business Operations Center and Elastic Charging Engine:</p> <ul style="list-style-type: none"> • Oracle WebLogic Suite for Oracle Applications or Oracle WebLogic Enterprise Edition <p>The following is a prerequisite for using Oracle Communications Offline Mediation Controller and Business Operations Center:</p> <ul style="list-style-type: none"> • Oracle Identity and Access Management Suite Plus for Oracle Applications
	Oracle Communications Advanced Billing and Revenue Management	<p>The license for Oracle Communications Advanced Billing and Revenue Management includes the ability and rights to use real time rating, core billing and revenue management functionality.</p> <p>Included product and prerequisites:</p> <p>See All Oracle Communications Billing and Revenue Management Server Products.</p>
	Oracle Communications Advanced Billing and Revenue Management for Convergent Rating	<p>Oracle Communications Advanced Billing and Revenue Management for Convergent Rating entitles customers to use the Oracle Communications Advanced Billing and Revenue Management for batch and real-time rating applications.</p> <p>Included product and prerequisites:</p> <p>In addition to the listing in All Oracle Communications Billing and Revenue Management Server Products, Oracle Identity and Access Management Suite Plus for Oracle Applications is a prerequisite for using Offline Mediation Controller.</p> <p>Included licenses:</p> <p>This license includes the right to use the Oracle Communications Billing and Revenue Management Server Extensions Batch Rating module and Oracle Communications Offline Mediation Controller.</p> <p>Restrictions:</p> <p>The license for Oracle Communications Advanced Billing and Revenue Management for Convergent Rating includes the ability and rights to use Oracle Communications Advanced Billing and Revenue Management functionality for both real-time rating and batch rating of</p>

Product	Subproduct	Licensing Description
		<p>Call Detail Records (CDRs) or Event Data Records (EDRs). It does not include the right to use Oracle Communications Advanced Billing and Revenue Management for billing and invoicing.</p> <p>Use of Oracle Communications Offline Mediation Controller is restricted to development of, management of, and access to end user services managed by Oracle Communications Advanced Billing and Revenue Management for Convergent Rating when using the Elastic Charging Engine.</p> <p>The license for Oracle Communications Offline Mediation Controller is restricted for use with Oracle Communications Advanced Billing and Revenue Management for Convergent Rating and includes the Offline Mediation Controller Elastic Charging Engine Bundle and Suspense Management Cartridge Bundle. Any need to use Offline Mediation Controller Cartridges outside of Oracle Communications Advanced Billing and Revenue Management for Convergent Rating requires a separate purchase of a full use license of Offline Mediation Controller. Offline Mediation Controller Cartridges can be used with the restricted use license of Offline Mediation Controller for use with Oracle Communications Advanced Billing and Revenue Management for Convergent Rating only. Additional cartridges and cartridge bundles for use with Oracle Communications Advanced Billing and Revenue Management for Convergent Rating can be purchased separately. See the supplemental information of each Offline Mediation Controller Cartridge for additional restrictions.</p>
	<p>Oracle Communications Billing and Revenue Management for Billing</p>	<p>Oracle Communications Billing and Revenue Management for Billing entitles customers to use the Oracle Communications Billing and Revenue Management for billing and invoicing applications.</p> <p>Included product and prerequisites:</p> <p>See All Oracle Communications Billing and Revenue Management Server Products.</p> <p>Restrictions:</p> <p>The license for Oracle Communications Billing and Revenue Management for Billing includes the ability and rights to use all Oracle Communications Advanced Billing and Revenue Management functionality for billing, invoicing, and bill time discounts with Advanced Discounting. It does not include the right to use Oracle Communications Advanced Billing and Revenue Management for any rating functions.</p>
	<p>Oracle Communications Billing and Revenue Management Advanced Server for Value-Add Services</p>	<p>Oracle Communications Advanced Billing and Revenue Management for Value-Add Services entitles customers to use the Oracle Communications Advanced Billing and Revenue Management for non-voice wireless services.</p> <p>Included product and prerequisites:</p> <p>In addition to the listing in All Oracle Communications Billing and Revenue Management Server Products, Oracle Identity and Access Management Suite Plus for Oracle Applications is a prerequisite for using Offline Mediation Controller.</p> <p>Included licenses:</p> <p>This license includes the right to use the Oracle Communications Billing and Revenue Management Server Extensions Batch Rating module and Oracle Communications Offline Mediation Controller.</p> <p>Restrictions:</p> <p>The license for Oracle Communications Advanced Billing and Revenue Management for Value-Add Services includes the ability and rights to use Oracle Communications Advanced Billing and Revenue Management functionality specific to processing of value-add services. Any use of Oracle Communications Advanced Billing and Revenue Management for processing of any data related to</p>

Product	Subproduct	Licensing Description
		<p>wireless voice services requires purchase of a separate Oracle Communications Advanced Billing and Revenue Management license.</p> <p>Use of Oracle Communications Offline Mediation Controller is restricted to development of, management of, and access to end user services managed by Oracle Communications Advanced Billing and Revenue Management for Value-Add Services when using the Elastic Charging Engine.</p> <p>The license for Oracle Communications Offline Mediation Controller is restricted for use with Oracle Communications Advanced Billing and Revenue Management for Value-Add Services and includes the Offline Mediation Controller Elastic Charging Engine Bundle and Suspense Management Cartridge Bundle. Any need to use Offline Mediation Controller Cartridges outside of Oracle Communications Advanced Billing and Revenue Management for Value-Add Services requires a separate purchase of a full use license of Offline Mediation Controller. Offline Mediation Controller Cartridges can be used with the restricted use license of Offline Mediation Controller for use with Oracle Communications Advanced Billing and Revenue Management for Value-Add Services only. Additional cartridges and cartridge bundles for use with Oracle Communications Advanced Billing and Revenue Management for Value-Add Services can be purchased separately. See the supplemental information of each Offline Mediation Controller Cartridge for additional restrictions.</p>
Oracle Communications Advanced Billing and Revenue Management Suite	Oracle Communications Advanced Billing and Revenue Management Suite	<p>Oracle Communications Advanced Billing and Revenue Management Suite includes the ability and rights to use Oracle Communications Advanced Billing and Revenue Management, all modules in Oracle Communications Billing and Revenue Management Server Extensions, and all modules in Oracle Communications Billing and Revenue Management Market Extensions.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Database • Oracle Communications Pricing Design Center • Customer must be licensed to use Oracle Business Intelligence Publisher: <ul style="list-style-type: none"> ○ To use out-of-the-box reports shipped with Oracle Communications Advanced Billing and Revenue Management or build additional reports against the Oracle Communications Billing and Revenue Management schema. Oracle Business Intelligence Publisher is the reporting platform for Oracle Communications Billing and Revenue Management. ○ To leverage the Oracle Communications Advanced Billing and Revenue Management integration with Oracle Business Intelligence Publisher for generating invoice documents. <p>The following are required only when deploying Elastic Charging Engine:</p> <ul style="list-style-type: none"> • Oracle Coherence Enterprise Edition for Oracle Applications or Oracle Coherence Grid Edition if active site redundancy is required • NoSQL Database Enterprise <p>The following is a prerequisite for using Business Operations Center and Elastic Charging Engine:</p> <ul style="list-style-type: none"> • Oracle WebLogic Suite for Oracle Applications or Oracle WebLogic Enterprise Edition <p>The following is a prerequisite for using Oracle Communications</p>

Product	Subproduct	Licensing Description
		<p>Offline Mediation Controller and Business Operations Center:</p> <ul style="list-style-type: none"> Oracle Identity and Access Management Suite Plus for Oracle Applications <p>Included licenses:</p> <p>This license includes the right to use Oracle Communications Offline Mediation Controller.</p> <p>Restrictions:</p> <p>Oracle Communications Billing and Revenue Management Application User-Based Products are not included in the Oracle Communications Advanced Billing and Revenue Management Suite and should be purchased additionally.</p> <p>Use of Oracle Communications Offline Mediation Controller is restricted to development of, management of, and access to end user services managed by Oracle Communications Advanced Billing and Revenue Management Suite when using the Elastic Charging Engine.</p> <p>The license for Oracle Communications Offline Mediation Controller is restricted for use with Oracle Communications Advanced Billing and Revenue Management Suite and includes the Offline Mediation Controller Elastic Charging Engine Bundle and Suspense Management Cartridge Bundle. Any need to use Offline Mediation Controller Cartridges outside of Oracle Communications Advanced Billing and Revenue Management Suite requires a separate purchase of a full use license of Offline Mediation Controller. Offline Mediation Controller Cartridges can be used with the restricted use license of Offline Mediation Controller for use with Oracle Communications Advanced Billing and Revenue Management Suite only. Additional cartridges and cartridge bundles for use with Oracle Communications Advanced Billing and Revenue Management Suite can be purchased separately. Please see supplemental info of each Offline Mediation Controlled Cartridges for restrictions.</p>
<p>Oracle Communications Elastic Charging Engine</p>	<p>Oracle Communications Elastic Charging Engine</p>	<p>Oracle Communications Elastic Charging Engine includes the ability and rights to use online rating, reservation and charging functionality, including account, balance and quota management for both prepaid and postpaid subscribers in simple to complex account hierarchies. The license allows for network integration to the Oracle Communications Elastic Charging Engine via Diameter Gy, Sy and Sh protocols.</p> <p>Included functionality:</p> <p>The following modules are included:</p> <ul style="list-style-type: none"> Online Rating Balance Management Balance Monitoring Subscriber Management Financial Management Reporting Self-Care Manager Subscriber and Hierarchy Management Subscriber Groups Management Resource Reservation Manager Advanced Discounting <p>Prerequisites:</p> <ul style="list-style-type: none"> Oracle Database Enterprise Edition

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> • Oracle Database Enterprise Edition Option: Partitioning • Oracle WebLogic Suite for Oracle Applications or Oracle WebLogic Enterprise Edition • Oracle Identity and Access Management Suite Plus for Oracle Applications • Oracle Coherence Enterprise Edition for Oracle Applications or Oracle Coherence Grid Edition if active site redundancy is required • NoSQL Database Enterprise Edition • Oracle Database Enterprise Edition Option: RAC – Optional for the customer to deploy the Oracle Communications Elastic Charging Engine Database in a Highly Available architecture • Oracle Business Intelligence Publisher for Oracle Applications – Optional for the customer to use out-of-the-box reports shipped with Oracle Communications Elastic Charging Engine or build additional reports against the Oracle Communications Elastic Charging Engine Database schema <p>Inclusions:</p> <p>A license to Oracle Communications Elastic Charging Engine includes the following restricted-use licenses to Oracle Communications Pricing Design Center, Oracle Communications Billing Care, Oracle Communications Developer Suite, and Oracle Communications Web Services Manager, Oracle Communications Offline Mediation Controller, and Oracle Communication Radius Manager.</p> <p>The quantity of named user plus restricted-use licenses are limited to:</p> <ul style="list-style-type: none"> • 5 Named User Plus for Oracle Communications Pricing Design Center • 10 Named User Plus for Oracle Communications Billing Care • 3 Named User Plus for Oracle Communications Developer Suite. <p>Use of Oracle Communications Pricing Design Center, Oracle Communications Billing Care, Oracle Communications Developer Suite, Oracle Communications Offline Mediation Controller, and Oracle Communications Web Services Manager is restricted to development and management of and access to end user services managed by Oracle Communications Elastic Charging Engine.</p> <p>The license for Oracle Communications Offline Mediation Controller is restricted for use with Oracle Communications Elastic Charging Engine and includes the Offline Mediation Controller Elastic Charging Engine Bundle and Suspense Management Cartridge Bundle. Any need to use Offline Mediation Controller Cartridges outside of Oracle Communications Elastic Charging Engine requires a separate purchase of a full use license of Offline Mediation Controller. Offline Mediation Controller Cartridges can be used with the restricted use license of Offline Mediation Controller for use with Oracle Communications Elastic Charging Engine only. Additional cartridges and cartridge bundles for use with Oracle Communications Elastic Charging Engine can be purchased separately. Please see supplemental info of each Offline Mediation Controlled Cartridges for restrictions.</p>
Oracle Communications Billing and Revenue Management	All Products	<p>Prerequisites:</p> <p>All Oracle Communications Billing and Revenue Management Server Extensions require that customers also be licensed to use one of the following products:</p> <ul style="list-style-type: none"> • Oracle Communications Advanced Billing and Revenue

Product	Subproduct	Licensing Description
Server Extensions		<p>Management</p> <ul style="list-style-type: none"> Oracle Communications Advanced Billing and Revenue Management for Convergent Rating Oracle Communications Billing and Revenue Management for Billing Oracle Communications Advanced Billing and Revenue Management Server for Value-Add Services Oracle Communications Elastic Charging Engine
	Oracle Communications Batch Rating	<p>Oracle Communications Batch Rating leverages the batch pipeline architecture and processes events that include call assembly, sequence checking, guiding, zone analysis, rating, balance updates, and synchronization as well as re-rating. Batch rating is generally used for processing high-volume usage events.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.</p> <p>Licensing notes:</p> <p>An Oracle Communications Batch Rating license is included with the purchase of the following product:</p> <ul style="list-style-type: none"> Oracle Communications Advanced Billing and Revenue Management for Convergent Rating
	Oracle Communications Brand Manager	<p>Oracle Communications Brand Manager provides the ability to create an environment in which Oracle Communications Billing and Revenue Management is divided and managed as multiple separate and distinct brands. Each brand may have its own user access control, customer subscriber data, product catalog, general ledger accounts, and controlled access to other system data.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.</p>
	Oracle Communications Collections Manager	<p>Oracle Communications Collections Manager provides full management of overdue receivables including assigning tasks to collections agents, customer profiling, debt aging, and multiple collections scenarios. It is fully integrated to Oracle Communications Billing and Revenue Management A/R and G/L and includes a GUI for configuration and operation.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.</p>
	Oracle Communications EAI Manager	<p>Oracle Communications Enterprise Application Integration (EAI) Manager facilitates integrations between Oracle Communications Billing and Revenue Management and other enterprise applications. The Oracle Communications EAI Manager assembles and publishes business events through a consistent interface and includes a default set of business events to be published.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.</p>
	Oracle Communications MultiDB Manager	<p>Oracle Communications MultiDB Manager provides support for running a single instance of Oracle Communications Billing and Revenue Management within a multi-database environment. The Oracle Communications MultiDB Manager allows customer accounts</p>

Product	Subproduct	Licensing Description
		<p>to be distributed across several databases. This enables Oracle Communications Billing and Revenue Management to scale in order to handle extremely large workloads, both in terms of throughput and subscribers.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.</p>
	Oracle Communications Payment Manager for Paymentech	<p>Oracle Communications Payment Manager for Paymentech provides a packaged integration to Paymentech, a third-party payment gateway integrated to a number of financial institutions in Canada, United States, and Europe.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.</p>
	Oracle Communications Payment Suspense Manager	<p>Oracle Communications Payment Suspense Manager allows suspending payments that fail validation rules and managing suspended payments.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.</p>
	Oracle Communications Revenue Assurance Manager	<p>Oracle Communications Revenue Assurance Manager provides support for verifying the end-to-end completeness, accuracy, and integrity of all revenue-generating events as they flow through Oracle Communications Billing and Revenue Management. Oracle Communications Revenue Assurance Manager provides a framework for collecting audit information for rating and billing business owners to ensure data integrity.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.</p>
	Oracle Communications Suspense Manager	<p>Oracle Communications Suspense Manager provides support for managing usage records that have been suspended during processing. This allows the user to analyze, edit, recycle, write-off, and delete suspended CDRs. Oracle Communications Suspense Manager consists of a server-side component (Suspense Manager) and a GUI (Suspense Management Center) which enables users to perform these tasks individually or in bulk.</p> <p>When using the Oracle Communications Advanced Billing and Revenue Management with Oracle Communications Offline Mediation Controller for processing CDRs the Suspense Manager License allow for use of the Offline Mediation Controller Suspense Management Cartridge Bundle.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.</p>
	Oracle Communications Taxation Manager for Vertex	<p>Oracle Communications Taxation Manager for Vertex provides a packaged integration to Vertex, a third-party software package for calculating taxes.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.</p> <p>A separate license must be purchased from Vertex for the Vertex</p>

Product	Subproduct	Licensing Description
		product. Licensing notes: Customers should choose Vertex Taxation Manager for complex taxation requirements
	Oracle Communications Voucher and Top-up Manager	Oracle Communications Voucher and Top-up Manager provides support for securely adjusting funds to customer's monetary balances and is integrated with Oracle Communications Billing and Revenue Management audit tracking and G/L processes. Oracle Communications Voucher and Top-up Manager also supports handling the full voucher lifecycle and the management of vouchers against account balances. This includes securely creating, ordering, processing, and distributing voucher cards or virtual vouchers as a newly supported inventory and payment capability items. Prerequisites: See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.
	Oracle Communications Web Services Manager	Oracle Communications Web Services Manager provides a standards-based interface to Oracle Communications Billing and Revenue Management's most commonly used APIs. The Oracle Communications Web Services Manager uses Web Services standards and accepts and returns SOAP messages sent over HTTP. The Web Services Manager includes the Oracle Communications Billing and Revenue Management JCA Resource Adapter, which enables connectivity between Oracle Communications Billing and Revenue Management and external J2EE-compliant applications Prerequisites: See prerequisites for Oracle Communications Billing and Revenue Management Server Extensions – All Products.
Oracle Communications Billing and Revenue Management Market Extensions	All Products	Prerequisites: All Oracle Communications Billing and Revenue Management Server Extensions require that customer also be licensed to use one of the following products: <ul style="list-style-type: none"> • Oracle Communications Advanced Billing and Revenue Management • Oracle Communications Advanced Billing and Revenue Management for Convergent Rating • Oracle Communications Billing and Revenue Management for Billing • Oracle Communications Advanced Billing and Revenue Management Server for Value-Add Services • Oracle Communications Elastic Charging Engine
	Oracle Communications Billing and Revenue Management Services Framework	Oracle Communications Billing and Revenue Management Services Framework is a collection of storable classes, opcodes, and utilities that enable further development of Oracle Communications Billing and Revenue Management support for any wireless or wireline service, such as GSM or CDMA that can be deployed in production. Prerequisites: See prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products.
	Oracle Communications	Oracle Communications Content Manager enables content providers to use Oracle Communications Billing and Revenue Management application hosted by service providers or content aggregators to

Product	Subproduct	Licensing Description
	Content Manager	<p>authenticate and authorize customer's content purchases, rate those content purchases through a variety of options, and to track customer usage patterns in order to gain valuable insight into the types of content customers are buying.</p> <p>Prerequisites:</p> <p>See Prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products.</p>
	Oracle Communications Email Manager	<p>Oracle Communications Email Manager integrates Oracle Communications Billing and Revenue Management with the UNIX Sendmail mail transfer agent. Oracle Communications Email Manager works in conjunction with Sendmail to authenticate users to login into the email service and retrieve email. Oracle Communications Email Manager also provides real-time authorization of incoming mail messages to determine whether email can be accepted by a user's account.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products.</p>
	Oracle Communications GPRS Manager	<p>Oracle Communications GPRS Manager offers a complete solution for creating, managing, billing, and settlement for GPRS services.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products.</p>
	Oracle Communications GSM Manager	<p>Oracle Communications GSM Manager enables service providers to manage GSM services. The Oracle Communications GSM Manager includes the Oracle Communications GSM AAA Manager, which enables service providers to integrate directly with their prepaid network elements for user authentication, service authorization, and session accounting.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products.</p>
	Oracle Communications Interconnect Manager	<p>Oracle Communications Interconnect Manager is an add-on component to the Oracle Communications Batch Rating and facilitates interconnection, which is the process of handling usage events over physical lines between two or more network operators.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products. It is required that customer also be licensed to use Oracle Communications Batch Rating.</p> <p>Licensing notes:</p> <p>An Oracle Communications Interconnect Manager license is included with the purchase of one of Oracle Communications Billing and Revenue Management Server for Interconnect.</p>
	Oracle Communications IP Device Manager	<p>Oracle Communications IP Device Manager facilitates the administration of IP address and APN inventories.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products.</p>
	Oracle	<p>Oracle Communications Lightweight Directory Access Protocol (LDAP) Manager provides a centralized way of administering data</p>

Product	Subproduct	Licensing Description
	Communications LDAP Manager	<p>between Oracle Communications Billing and Revenue Management and LDAP directory servers, required for accurate and timely data translation and exchange between systems.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products.</p>
	Oracle Communications Number Manager	<p>Oracle Communications Number Manager enables service providers with the ability to generate, manage, and report on phone number inventory.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products.</p>
	Oracle Communications Radius Manager	<p>Oracle Communications Radius Manager provides a complete RADIUS server solution for real-time authentication, authorization, and accounting using the standard RADIUS protocol.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products.</p>
	Oracle Communications Roaming Manager – CIBER	<p>Oracle Communications Roaming Manager – CIBER provides support for roaming processing. Oracle Communications Roaming Manager - CIBER provides support for validating and processing roaming records (inbound) and generating roaming records (outbound) according to the CIBER standards.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products. It is required that customer also be licensed to use Oracle Communications Batch Rating.</p> <p>Licensing notes:</p> <ul style="list-style-type: none"> Customers should choose one of the two options - either Oracle Communications Roaming Manager – CIBER or Oracle Communications Roaming Manager – TAP.
	Oracle Communications Roaming Manager – TAP	<p>Oracle Communications Roaming Manager – TAP provides support for roaming processing. Oracle Communications Roaming Manager – TAP provides support for validating and processing roaming records (inbound) and generating roaming records (outbound) according to the TAP3 standards.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue Management Market Extensions – All Products. It is required that customer also be licensed to use Oracle Communications Batch Rating.</p> <p>Licensing notes:</p> <ul style="list-style-type: none"> Customers should choose one of the two options: either Oracle Communications Roaming Manager – CIBER or Oracle Communications Roaming Manager – TAP.
	Oracle Communications SIM Manager	<p>Oracle Communications SIM Manager enables service providers with the ability to order, receive, manage, and report on SIM card inventory.</p> <p>Prerequisites:</p> <p>See prerequisites for Oracle Communications Billing and Revenue</p>

Product	Subproduct	Licensing Description
		Management Market Extensions – All Products.
Oracle Communications Billing and Revenue Management Application User-Based Products	All Products	<p>Prerequisites:</p> <p>All Oracle Communications Billing and Revenue Management Application User-Based Product require that customers also be licensed to one of the following product:</p> <ul style="list-style-type: none"> • Oracle Communications Advanced Billing and Revenue Management • Oracle Communications Advanced Billing and Revenue Management for Convergent Rating • Oracle Communications Billing and Revenue Management for Billing • Oracle Communications Advanced Billing and Revenue Management for Value-Add Services • Oracle Communications Advanced Billing and Revenue Management Suite • Oracle Communications Elastic Charging Engine
	Oracle Communications Conversion Manager	<p>Oracle Communications Conversion Manager provides the capability to transfer customer data from legacy systems to Oracle Communications Billing and Revenue Management applications. Customer data may include information on customer profile, account, service, product, or billing.</p> <p>Prerequisites:</p> <p>See Prerequisites for Oracle Communications Billing and Revenue Management Application User-Based Products – All Products.</p>
	Oracle Communications Customer Center Manager	<p>Oracle Communications Customer Center Manager is a GUI-based application for managing subscriber accounts in Oracle Communications Billing and Revenue Management including account setup and maintenance, service and product purchase and cancellation, A/R activities, and bill and payment set-up.</p> <p>Prerequisites:</p> <p>See Prerequisites for Oracle Communications Billing and Revenue Management Application User-Based Products – All Products.</p>
	Oracle Communications Developer Suite	<p>Oracle Communications Developer Suite includes these products:</p> <ul style="list-style-type: none"> • Oracle Communications Developer Center • Software Developer Kit (SDK) <p>Oracle Communications Developer Center is a Java-based application that allows developers to manage storable objects, to test custom applications, and to specify how event data is loaded into the Oracle Communications Billing and Revenue Management database.</p> <p>The SDK provides a framework as well as a set of tools and libraries for programmers to not only customize business policies, but to also develop custom applications, standard facilities modules, and custom data managers.</p> <p>Prerequisites:</p> <p>See Prerequisites for Oracle Communications Billing and Revenue Management Application User-Based Products – All Products.</p>
	Oracle Communications Permissioning Center	<p>Oracle Communications Permissioning Center is a GUI-based application for managing and assigning reusable roles and permissions for users of applications such as Customer Center and Pricing Center. Roles can be hierarchical to further enhance or restrict</p>

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		<p>permissions for a specific set of users.</p> <p>Prerequisites:</p> <p>See Prerequisites for Application User-Based Products – All Products.</p>
	<p>Oracle Communications Billing Care</p>	<p>Oracle Communications Billing Care is a Web-based UI and a companion product for BRM. The application represents the primary user interface through which business users (CSRs) access subscriber centric information in BRM. The application accesses and manipulates financial data like subscriber's credit card numbers, bills, and transactions (usage records etc...); subscribed offerings; hierarchies; financial transactions.</p> <p>Oracle Communications Billing Care comes with an SDK kit, Billing Care customers can add new functionality into the product or alter certain aspects of existing functionality in a controlled and upgrade safe manner.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • See Prerequisites for Application User-Based Products – All Products. • Oracle WebLogic Enterprise Edition or Oracle WebLogic Suite for Oracle Applications • Oracle Identity and Access Management Suite Plus for Oracle Apps

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webcomponents/custom-elements - v1.1.2

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require-css - v0.1.10

<https://github.com/guybedford/require-css>

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v0.12.0 (2013/01/21 13:47)

ES6-Promise v1.0.0

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History API JavaScript Library v4.1.0

Support: IE8+, FF3+, Opera 9+, Safari, Chrome and other

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jQuery UI - v1.11.4 - 2015-03-18

<http://jqueryui.com>

Includes: core.js, widget.js, mouse.js, position.js, draggable.js, sortable.js

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jQuery JavaScript Library v2.2.3

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Includes Sizzle.js

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