

Oracle® Communications

EAGLE Licensing Information User Manual



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Contents

1	Introduction	
2	Licensing Information	
3	Oracle Communications EAGLE – Licensing Notes	
4	Oracle Communications Common Signaling – Licensing Notes	
5	Oracle Communications EAGLE – Legacy (End of Life Products) Licensing Notes	
6	Third-Party Notices and/or Licenses	
	6.1 Commercial Software	6-1
	6.2 Written Offer for Source Code	6-1
	6.3 Open Source Software	6-2
A	Apache License 2.0	
B	GNU GENERAL PUBLIC LICENSE	

My Oracle Support (MOS)

[My Oracle Support \(MOS\)](#) is your initial point of contact for any of the following requirements:

- **Product Support:**
The generic product related information and resolution of product related queries.
- **Critical Situations**
A critical situation is defined as a problem with the installed equipment that severely affects service, traffic, or maintenance capabilities, and requires immediate corrective action. Critical situations affect service and/or system operation resulting in one or several of these situations:
 - A total system failure that results in loss of all transaction processing capability
 - Significant reduction in system capacity or traffic handling capability
 - Loss of the system's ability to perform automatic system reconfiguration
 - Inability to restart a processor or the system
 - Corruption of system databases that requires service affecting corrective actions
 - Loss of access for maintenance or recovery operations
 - Loss of the system ability to provide any required critical or major trouble notificationAny other problem severely affecting service, capacity/traffic, billing, and maintenance capabilities may be defined as critical by prior discussion and agreement with Oracle.
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Call the Customer Access Support main number at 1-800-223-1711 (toll-free in the US), or call the Oracle Support hotline for your local country from the list at <http://www.oracle.com/us/support/contact/index.html>. When calling, make the selections in the sequence shown below on the Support telephone menu:

- For Technical issues such as creating a new Service Request (SR), select **1**.
- For Non-technical issues such as registration or assistance with My Oracle Support, select **2**.
- For Hardware, Networking and Solaris Operating System Support, select **3**.

You are connected to a live agent who can assist you with My Oracle Support registration and opening a support ticket.

My Oracle Support is available 24 hours a day, 7 days a week, 365 days a year.

What's New in This Guide

This section introduces the documentation updates for Release 47.0 in Oracle Communications EAGLE Licensing Information User Manual.

Release 47.0.0.3.0 -F41413-03, August 2024

- Updated the release versions for all the components in the [Open Source Software](#) section.
- Added the components, cJSON 1.7.18 and Zlib Data Compression Library 1.3.1, in the [Open Source Software](#) section.

Release 47.0.0.1.0 -F41413-02, July 2023

- Removed Oracle Communications EAGLE Service and Link Interface Card Handler – Integrated Software Option – Per Card Metric sub-product from [Oracle Communications EAGLE – Licensing Notes](#) section and added it in [Oracle Communications EAGLE – Legacy \(End of Life Products\) Licensing Notes](#) section.
- Added a note in [Oracle Communications EAGLE – Legacy \(End of Life Products\) Licensing Notes](#) about the availability of sub-products.
- Updated the version of Zlib Data Compression Library to 1.2.13 in [Open Source Software](#).

Release 47.0 -F41413-01, September 2022

- Removed VxWorks 6.4 component from [Commercial Software](#).
- Updated the cJSON version to 1.7.15 in [Open Source Software](#).
- Removed Elasticsearch, Filebeat, Kibana and LZMA SDK components from [Open Source Software](#).
- Updated the version of Zlib Data Compression Library to 1.2.12 and the copyright years of Licensing Information to 1995-2022 in [Open Source Software](#).

1

Introduction

This Licensing Information document is a part of the product or program documentation under the terms of your Oracle license agreement and is intended to help you understand the program editions, entitlements, restrictions, prerequisites, and/or separately licensed third party technology terms associated with the Oracle software program(s) covered by this document (the "Program(s)"). Entitled or restricted use products or components identified in this document that are not provided with the particular Program may be obtained from the [Oracle Software Delivery Cloud](#) website or from media Oracle may provide.

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2

Licensing Information

Description of Product Editions and Permitted Features

Prerequisite Products

Entitled Products and Restricted Use Licenses

3

Oracle Communications EAGLE – Licensing Notes

Product	Subproduct	Licensing Information
Oracle Communications EAGLE	Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee)	<p>Product Editions and Permitted Features Provides access on a per node basis to the base Oracle Communications EAGLE functionality including:</p> <p>Communication Subsystem – Allows intra and inter shelf connectivity through the Inter-processor Message Transport (IMT) bus, to allow communication with all cards in an Oracle Communications EAGLE frame.</p> <p>OAM – Operations, administration, maintenance functionality for Oracle Communications EAGLE are as follows:</p> <ul style="list-style-type: none"> • Alarms • Commands • Maintenance • Measurements <p>Support for core MTP routing for ANSI and ITU plus gateway screening capabilities.</p> <p>This license must be purchased for each Oracle Communications EAGLE node.</p>
	Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric	<p>Product Editions and Permitted Features Determines the maximum number of transactions per second (TPS) allowed per Oracle Communications EAGLE node. This license is for system-wide throughput transaction capacity. Orderable in increments of 250K TPS. Minimum quantity of one is required per node.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • <i>Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee)</i> • Or a suitable <i>Oracle Communications EAGLE</i> legacy license.
	Oracle Communications EAGLE LNP - Integrated Software Option – per Node Metric	<p>Product Editions and Permitted Features Local Number Portability (LNP) integrated database services running with the core EAGLE infrastructure and functionality. LNP database services are hosted on the Oracle Communications EAGLE Application B card.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • <i>Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee)</i> • <i>Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric</i> • Or a suitable <i>Oracle Communications EAGLE</i> legacy license.

Product	Subproduct	Licensing Information
	Oracle Communications EAGLE LNP Advanced Service Module Enabler - Integrated Software Option - per Card Metric	<p>Product Editions and Permitted Features Enables the Oracle Communications EAGLE LNP Application which are processed on the EAGLE Service Module card(s):</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric <p>In addition, the Number Portability Solutions require:</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric <p>Any application specific software:</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE LNP - Integrated Software Option – per Node Metric • Oracle Communications LNP Application Processor - Integrated Software Option – per Card Metric • Or a suitable Oracle Communications EAGLE legacy license.
	Oracle Communications EAGLE Advanced Service Module Enabler - Integrated Software Option - per Card Metric	<p>Product Editions and Permitted Features Enables any Oracle Communications EAGLE Application Processor applications based feature which are processed on the EAGLE Service Module card(s):</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric <p>Any application specific software:</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE Application Processor Provisioning - Integrated Software Option – per Card Metric • Oracle Communications EAGLE Application Processor Nonprovisioning - Integrated Software Option – per Card Metric • Or a suitable Oracle Communications EAGLE legacy license. <p>Requires at least one of the Eagle Application Processor-based features to be activated.</p>

Product	Subproduct	Licensing Information
	Oracle Communications EAGLE Mobile Number Portability - Integrated Software Option – per Node Metric	<p>Product Editions and Permitted Features Enables the Mobile Number Portability (MNP) features at the node level.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.
	Oracle Communications EAGLE SS7 Firewall - Integrated Software Option – per Node Metric	<p>Product Editions and Permitted Features Provides a set of GSM enhanced MAP security and fraud detection features which allow for the screening, detection and analysis of suspect message parameters as well as the execution of various consequential actions.</p> <p>This option also enables the GTT Discard capability.</p> <p>This option was previously titled <i>Oracle Communications EAGLE Security and Fraud – Integrated Software Option – per Node Metric</i>.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.
	Oracle Communications EAGLE Suspicious Call Identification - Integrated Software Option – Per Node Metric	<p>Product Editions and Permitted Features Allows operators to detect and screen abusive, spam and fraudulent traffic. Enables selective copy and forward of ISUP messages based on configurable trigger parameters of the ISUP message.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.

Product	Subproduct	Licensing Information
	Oracle Communications EAGLE Service Actions Portability and Flexibility – Integrated Software Option - Per Node Metric	<p>Product Editions and Permitted Features Provides enhanced service selection capabilities for EAGLE mobile number portability, HLR Router and SMS routing.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric • At least one of the below feature software option capabilities: <ul style="list-style-type: none"> – Oracle Communications EAGLE Mobile Number Portability - Integrated Software Option – per Node Metric – Oracle Communications EAGLE HLR Router - Integrated Software Option – per Node Metric – Oracle Communications EAGLE SMS Routing - Integrated Software Option – per Node Metric <p>* Or a suitable Oracle Communications EAGLE legacy license.</p>
	Oracle Communications EAGLE Intra Network Number Portability – Integrated Software Option – Per Node Metric	<p>Product Editions and Permitted Features Enhancement to Mobile Number Portability allowing operators to route calls differently based on the origin of the call. For example allows Indian operators to expand Regional Number Portability to National Number Portability. Can also serve 3G 4G migration scenarios.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Oracle Communications EAGLE Mobile Number Portability - Integrated Software Option – per Node Metric • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.

Product	Subproduct	Licensing Information
	Oracle Communications EAGLE HLR Router - Integrated Software Option – per Node Metric	<p>Product Editions and Permitted Features This feature is applicable to any ITU or ANSI mobile networks. It optimizes the use of subscriber numbers and number ranges by providing a logical link between any DN and any IMSI, and also between any subscriber number and any Home Location Register (HLR). This feature allows subscribers to be easily moved from one HLR to another.</p> <p>Allows each HLR to be filled to 100% of its capacity by allowing subscriber number ranges to be split over different HLRs, and individual DNs/IMSI to be assigned to any HLR. Another benefit is that subscriber number routing data is not required to be maintained in all Mobile Switching Centers (MSCs) in the network.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license. <p>Entitled Products and Restricted Use Licenses None</p>
	Oracle Communications EAGLE Equipment Identity Register - Integrated Software Option – per Node Metric	<p>Product Editions and Permitted Features Use of the Equipment Identity Register (EIR) feature can prevent the use of stolen handsets by allowing the network operator to compare the handset's IMEI and/or IMSI to the blacklist of stolen handsets. If a match is encountered, the operator can prevent the handset from being registered on the network, thus rendering it useless.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric. • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.

Product	Subproduct	Licensing Information
	Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric	<p>Product Editions and Permitted Features The SCCP Global Title Translations (GTT) feature uses the signaling connection control part (SCCP) to translate addresses (Global Titles) to final and / or intermediate routing destinations.</p> <p>Prerequisite</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.
	Oracle Communications EAGLE Triggerless ISUP Framework Routing - Integrated Software Option – per Node Metric	<p>Product Editions and Permitted Features TIF (Triggerless ISUP Framework) provides an overall structure for ISUP traffic related features. It allows the EAGLE to intercept messages and apply special processing to them. For example, number portability, number substitution and blocklisting for called and calling party number.</p> <ul style="list-style-type: none"> • Blocklisting based on Redirecting-Number Parameter • Screening on Generic Name in TIF/EPAP Blocklisting • Ability to have more than 1 TIF filter to make use of EPAP for Blocklisting <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric. <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.
	Oracle Communications EAGLE Origin Based Routing - Integrated Software Option – per Node Metric	<p>Product Editions and Permitted Features The Origin-based MTP & SCCP Routing feature allows greater flexibility and control over the SS7 message routing. This feature allows selective routing based on a combination of the origination, destination and / or transaction type information in the message.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.

Product	Subproduct	Licensing Information
	Oracle Communications EAGLE Prepaid Routing - Integrated Software Option – per Node Metric	<p>Product Editions and Permitted Features Provides advanced routing mechanisms to ensure the correct routing and charging of signaling traffic related to prepaid customers. Typically applied to number portability or SMS processing. For example it enriches IDP messages with number portability information.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric • Or a suitable Oracle Communications EAGLE legacy license.
	Oracle Communications EAGLE SMS Routing - Integrated Software Option – per Node Metric	<p>Product Editions and Permitted Features Provides various Mobile Originated (MO) and Mobile Terminated (MT) SMS routing features including options such as B-Party routing and number portability related routing conditions.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric. • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option – per Node Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.

Product	Subproduct	Licensing Information
	Oracle Communications EAGLE Stateful Security Applications	<p>Product Editions and Permitted Features Provides network protection for outbound roamer use cases. Security threats include tracking, intercept, denial of service, fraud and spam directly on the EAGLE.</p> <ol style="list-style-type: none"> 1. Location Correlation – VLR Validation using information in HLR 2. Time/Location Check - Validating the VLR sending messages is within the range of travel in the time the location update for the subscriber is received 3. Data analytics and visualization support for generating and sending log messages and UIMs <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Or a suitable Oracle Communications EAGLE legacy license. • Oracle Communications EAGLE Service & Link Interface Card Stateful Security Applications Handler – per Card Metric
	Oracle Communications Eagle Service Handler 8 GB - Integrated Software Option – Per Card Metric	<p>Product Editions and Permitted Features Required for each Oracle Communications EAGLE Service Module 8GB B (SM8G-B) card purchased. Entitles the maximum throughput capacity of the card.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license. <p>Entitled Products and Restricted Use Licenses</p> <ul style="list-style-type: none"> • None

Product	Subproduct	Licensing Information
	Oracle Communications EAGLE Ethernet B Traffic Handler - Integrated Software Option – per Card Metric	<p>Product Editions and Permitted Features Required for each Oracle Communications EAGLE Ethernet B (ENET-B) card purchased. These cards allow for SIGTRAN traffic or IP terminals or message copy capabilities and flow of SIGTRAN (IP Based) messages through the system. If used for SIGTRAN, entitles the maximum throughput capacity of the card.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Or a suitable Oracle Communications EAGLE legacy license.
	Oracle Communications EAGLE Asynchronous Transfer Mode B Traffic Handler - Integrated Software Option – per Card Metric	<p>Product Editions and Permitted Features Required for each Oracle Communications Asynchronous Transfer Mode B (ATM-B) card purchased. These cards allow for traffic flow of ATM messages through the system. Entitles the maximum throughput capacity of each card.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Or a suitable Oracle Communications EAGLE legacy license.
	Oracle Communications EAGLE E1T1 B Traffic Handler – Integrated Software Option – Per Card Metric	<p>Product Editions and Permitted Features Required for each Oracle Communications EAGLE E1T1 B card purchased. Entitles the maximum throughput capacity of the card.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.

Product	Subproduct	Licensing Information
	Oracle Communications EAGLE Service & Link Interface Card with Integrated Global Title Translation - Integrated Software Option – Per Card Metric	<p>Product Editions and Permitted Features Either of the four available Service and Link Interface Card Handler licenses is required for each Oracle Communications EAGLE Service and Link Interface card purchased. Entitles IPSPG and Global Title Translation combined functionality on the card.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric • Oracle Communications EAGLE Global Title Translation Routing - Integrated Software Option - per Node Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.
	Oracle Communications EAGLE Service and Link Interface Card Base Handler – Integrated Software Option – Per Card Metric	<p>Product Editions and Permitted Features Either of the four available Service and Link Interface Card Handler licenses is required for each Oracle Communications EAGLE Service and Link Interface Card purchased. Entitles up to 6.5k TPS per card for IPSPG or up to 10k TPS per service module card or up to 64 LSL or 2 SE / ST-HSL for E1T1 functionality. Entitles up to 4 signaling links.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee) • Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric <ul style="list-style-type: none"> – Or a suitable Oracle Communications EAGLE legacy license.
	Oracle Communications EAGLE Service and Link Interface Card Enhanced Handler – Integrated Software Option – Per Card Metric	<p>Product Editions and Permitted Features Entitles supported capacities beyond those offered by the Oracle Communications EAGLE Service and Link Interface Card Base Handler. This includes up to 12k TPS per card for IPSPG, up to 13.6k TPS per service module card or up to 96 LSL or 3 SE / ST-HSL for E1T1 functionality.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE Service and Link Interface Card Base Handler – Integrated Software Option – Per Card Metric
	Oracle Communications EAGLE Service and Link Interface Card Handler for Multiple Applications – Integrated Software Option – Per Card Metric	<p>Product Editions and Permitted Features Entitles IPSPG and Global Title Translation combined functionality on the card when licensed along with the base handler noted as a prerequisite below.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications EAGLE Service and Link Interface Card Base Handler – Integrated Software Option – Per Card Metric

Product	Subproduct	Licensing Information
	Oracle Communications EAGLE Service & Link Interface Card Stateful Security Applications Handler	<p>Product Editions and Permitted Features Either of the four available Service and Link Interface Card Handler licenses is required for each Oracle Communications EAGLE Service and Link Interface card purchased. Entitles Stateful Security Applications on the card.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • <i>Oracle Communications EAGLE - Integrated Software Option – per Node Metric (base fee)</i> • <i>Oracle Communications EAGLE - Integrated Software Option – per 250K Transactions per Second Metric</i> • Or a suitable <i>Oracle Communications EAGLE</i> legacy license. • <i>Oracle Communications EAGLE Stateful Security Applications – per Node Metric</i>

Oracle Communications Common Signaling – Licensing Notes

Product	Subproduct	Licensing Information
Oracle Communications Common Signaling	Oracle Communications Common Signaling – per Signaling Unit	<p>Product Editions and Permitted Features Provides access on a per node basis to the base Oracle Communications EAGLE functionality including:</p> <p>Communication Subsystem – Allows intra and inter shelf connectivity through the Inter-processor Message Transport (IMT) bus, to allow communication with all cards in an Oracle Communications EAGLE frame.</p> <p>OAM – Operations, administration, maintenance functionality for Oracle Communications EAGLE are as follows:</p> <ul style="list-style-type: none"> • Alarms • Commands • Maintenance • Measurements <p>Support for core MTP routing for ANSI and ITU plus gateway screening capabilities.</p> <p>Determines the maximum number of transactions per second (TPS) per node. This license is for system-wide throughput transaction capacity. Orderable in increments of one Signaling Unit which equates to four nodal TPS. Minimum orderable quantity is 5000 Signaling Units.</p> <p>In addition to the base features, this product provides access on a per node basis to the following features:</p> <ul style="list-style-type: none"> • Global Title Translation Routing • SS7 Firewall • Triggerless ISUP Framework Routing • Origin Based Routing • Prepaid Routing • SMS Routing • Suspicious Call Identification • Service Actions Portability and Flexibility <p>Provides access on a per card basis to the Ethernet, E1T1 and ATM traffic handler functionality, the Service Handler functionality and the Service and Link Interface Card Handler functionality.</p> <p>This product also provides base and signaling unit throughput for the Oracle Communications Diameter Signaling Router application. Refer to the Diameter Signaling Router License Information Manual for licensing details when used to deliver Diameter routing.</p> <p>Prerequisite Products None</p> <p>Entitled Products and Restricted Use Licenses MySQL Enterprise Edition is included for use with Oracle Communications Common Signaling. Use</p>

Product	Subproduct	Licensing Information
	Oracle Communications Common Signaling for Database Applications – per 25K Subscribers	<p>of MySQL Enterprise Edition, including without limitation MySQL Enterprise Backup, is restricted to use with Common Signaling.</p> <p>Product Editions and Permitted Features Provides database applications on the Oracle Communications EAGLE and determines the number of database entries on the EAGLE Application Processors. Provides access on a node basis to the following database applications:</p> <ul style="list-style-type: none"> • Local Number Portability • Mobile Number Portability • Intra Network Number Portability • HLR Router • Equipment Identity Register <p>Provides access on a per card basis to the LNP Advanced Service Module Enabler, the Advanced Service Module Enabler, the LNP Application Processor, the Application Processor Provisioning and the Application Processor Nonprovisioning.</p> <p>Sold on a per subscriber basis which equates to one database entry in the Application Processors.</p> <p>This product also provides database applications and capacity for the Oracle Communications Diameter Signaling Router application. Refer to the Diameter Signaling Router License Information Manual for licensing details when used to deliver Diameter database applications.</p> <p>Prerequisite Products</p> <ul style="list-style-type: none"> • <i>Oracle Communications Common Signaling – per Signaling Unit</i> • <i>Or suitable Oracle Communications EAGLE license</i> • <i>Or suitable Oracle Communications EAGLE legacy license</i> <p>Entitled Products and Restricted Use Licenses MySQL Enterprise Edition is included for use with Oracle Communications Common Signaling. Use of MySQL Enterprise Edition, including without limitation MySQL Enterprise Backup, is restricted to use with Common Signaling.</p>

Product	Subproduct	Licensing Information
	Oracle Communications Common Signaling for EAGLE Stateful Security Applications	<p>Product Editions and Permitted Features Provides network protection for outbound roamer use cases. Security threats include tracking, intercept, denial of service, fraud and spam directly on the EAGLE.</p> <ol style="list-style-type: none"> 1. Location Correlation – VLR Validation using information in HLR 2. Time/Location Check - Validating the VLR sending messages is within the range of travel in the time the location update for the subscriber is received 3. Data analytics and visualization support for generating and sending log messages and UIMs <p>Prerequisite Products</p> <ul style="list-style-type: none"> • Oracle Communications Common Signaling – per Signaling Unit • Or suitable Oracle Communications EAGLE license • Or suitable Oracle Communications EAGLE legacy license

5

Oracle Communications EAGLE – Legacy (End of Life Products) Licensing Notes

 **Note:**

These are end of life licenses and are no longer sold.

Product	Subproduct	Licensing Information
Oracle Communications EAGLE	EAGLE_IP USER INTERFACE_ FEATURE ACCESS KEY	This is a feature access key for the IP user interface. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_COM MAND CLASS MANAGEME NT_ FEATURE ACCESS KEY	This is a feature access key for EAGLE command class management. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_LAR GE SYS LINKS_FEAT URE ACCESS KEY	This is a feature access key for increments of links for large system. <ul style="list-style-type: none"> • 1201 to 1500 • 1501 to 2000 • 2001 to 2800 Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_SYS TEM SOFTWARE_ FEATURE ACCESS KEY	This is a feature access key for system software. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_SYS TEM SECURITY_ FEATURE ACCESS KEY	This is a feature access key for system security. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_ANSI /ITU_SCCP CONVERSIO N_ FEATURE ACCESS KEY_1 DOCUMENT	This is an RTU for the ANSI/ITU SSCP Conversion feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_15 MINUTE MEASUREM ENTS_ FEATURE ACCESS KEY_1 DOCUMENT	This is an RTU for the 15 minutes measurements feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_ITU NATL/INTL SPARE POINT CODE_FEAT URE ACCESS KEY	This is a feature access key for ITU national/international spare point code feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_SCC P_LOOP DETECTION_ FEATURE ACCESS KEY	This is a feature access key for the SSCP loop detection feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_AUT O_POINT CODE RECOVERY_ FEATURE ACCESS KEY	This is a feature access key for the auto point code recovery feature. Restrictions: This product SKU is for legacy customer applications only.
	FEATURE ACCESS KEY_ENHAN CED LOOPBACK DETECTION_ EAGLE	This is a feature access key for the enhanced loopback detection feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_LAR GE_MSU SUPPORT FOR_IP SIGNALING_ FEATURE ACCESS KEY_1 DOCUMENT	This is an RTU I for the large MSU support for IP Signaling feature. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_HEX DIGIT SUPPORT FOR GTT_FEATU RE ACCESS KEY_1 DOCUMENT	This is a feature access key for the hex digit support for GTT. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_ PROXY POINT CODES_FEA TURE ACCESS KEY_1 DOCUMENT	This is a feature access key for incremental amounts of Proxy Point Codes: <ul style="list-style-type: none">• Up to 10• 11 to 20• 21 to 30 Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_MUL TIPLE LINKSETS TO SINGLE ADJACENT POINT CODE_FEAT URE ACCESS KEY_1 DOCUMENT	This is a feature access key for the multiple linksets to single adjacent point code feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_6- WAY LOADSHARI NG ON ROUTESETS - FEATURE ACCESS KEY_1 DOCUMENT	This is a feature access key for the 6-way loadsharing on routesets feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_ADV ANCED GLOBAL TITLE MODIFICATI ON_ FEATURE ACCESS KEY_1 DOCUMENT	This is a feature access key for the advanced global title modification feature. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_SLS BIT ROTATION ON INCOMING LINKSET_FE ATURE ACCESS KEY_1 DOCUMENT	This is a feature access key for the SLS bit rotation on incoming linkset feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_ANA LYZED INFO QUERY NO DB_FEATUR E ACCESS KEY	This is a feature access key for the analyzed info query No DB feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_XUD T UDT CONVERSIO N_ FEATURE ACCESS KEY	This is a feature access key for the XUDT UDT Conversion feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_41.1 OR LATER_GWS STOP ACTION FOR MTP ROUTED MESSAGES_ FEATURE ACCESS KEY	This is a feature access key for the GWS Stop Action for MTP Routed Messages feature for EAGLE 41.1 or later. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_POIN T CODE AND CIC TRANSLATIO N_ FEATURE ACCESS KEY	This is a feature access key for increments of point codes and CIC translations: <ul style="list-style-type: none"> • 25 • 50 • 75 • 100 • 150 • 200 • 250 • 1000 Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_E5-OAM INTEGRATED MEASUREMENTS PLATFORM PER NODE_FEATURE ACCESS KEY	This is a feature access key for the E5-OAM Integrated Measurements Platform Per Node feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_E5-OAM INTEGRATED GATEWAY LOADING SERVICES PER NODE_FEATURE ACCESS KEY	This is a feature access key for E5-OAM Integrated Gateway Loading Services Per Node feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_NPP SINGLE WILDCARDS UNLTD IN 1ST 6 POSITIONS_FEATURE ACCESS KEY	This is a feature access key for NPP Single Wildcards Unltd in 1st 6 Positions feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_E5-OAM SNMP FEED PER NODE_FEATURE ACCESS KEY	This is a feature access key for the E5-OAM SNMP Feed per Node feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_TTC/ITU SCCP CONVERSION_PER NODE_FEATURE ACCESS KEY_1 DOCUMENT	This is a feature access key for the TTC/ITU SCCP Conversion per Node feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_OA&M IP SECURITY ENHANCEMENTS_FEATURE ACCESS KEY	This is a feature access key for OA&M IP Security Enhancement Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_ITU BASE SOFTWARE_ RTU_ INVOICE ONLY	This is an RTU for ITU base software. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_NOD AL SOFTWARE UPDATE_RT U_ INVOICE ONLY	This is an RTU for nodal software update. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_REL EASE_NODA L SOFTWARE UPDATE_RT U_ INVOICE ONLY	This RTU is for various EAGLE s/w releases including: <ul style="list-style-type: none"> • 40.1.x • 42.x • 43.x • 44.x • 45.x Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_SEA S OVER IP_RTU_INV OICE ONLY	This RTU is for SEAS Over IP. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE _37.5 OR LATER_LICE NSE SEAS OVER IP UPGRADE_1 DOCUMENT	This RTU is for EAGLE 37.5 or later SEAS over IP upgrade. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_E5- OAM CARD SET_RTU_IN VOICE ONLY	This RTU is for the E5-OAM Card set Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE _39.2 OR LATER_LICE NSE NETWORK INDICATOR MAPPING_1 DOCUMENT	This RTU is for EAGLE 39.2 or later License Network Indicator Mapping. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_TTC BASE SOFTWARE_ PER NODE_RTU_I NVOICE ONLY	This RTU is for TTC base software per node. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_DS0 LOOKBACK_ RTU_ INVOICE ONLY	This RTU is for DS0 Lookback. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_LINK FAULT SECTIONALI ZATION_RTU _INVOICE ONLY	This RTU is for link fault sectionalization. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_SEA S_RTU_ INVOICE ONLY	This RTU is for SEAS. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_ANSI /ITU GATEWAY_R TU_ INVOICE ONLY	This RTU is for ANSI/ITU Gateway Restrictions: This product SKU is for legacy customer applications only.
	971 SOFTWARE PREVENTIVE CYCLIC RETRANSMI SSION KERNEL EAGLE	This RTU is for software preventive cyclic retransmission kernel. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_BAS E SOFTWARE_ RTU_ INVOICE ONLY	This RTU is for base software. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_CLU STER ROUTING & MANAGEME NT DIVERSITY_ RTU_ INVOICE ONLY	This RTU is for cluster routing and management diversity. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_GLO BAL TITLE TRANSLATIO N_RTU_INVO ICE ONLY	This RTU is for global title translation. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_GATEWAY_SCREENING_RTU_INVOICE_ONLY	This RTU is for gateway screening. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_5-8_BIT_SEQUENCING_ASSURANCE_RTU_INVOICE_ONLY	This RTU is for 5-8 bit sequencing assurance. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_HIGH_SPEED_MASTER_CLOCKING_RTU_INVOICE_ONLY	This RTU is for high speed master clocking. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_NESTED_CLUSTER_ROUTING_RTU_INVOICE_ONLY	This RTU is for nester cluster routing. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_ITU_SLS_RTU_INVOICE_ONLY	This RTU is for ITU SLS. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_MODULE_MULTIPLE_POINT_CODE_per_4_PCS_RTU_INVOICE_ONLY	This RTU is for module multiple point code per 4 PCS. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_ITU_DUPLICATE_POINT_CODE_RTU_INVOICE_ONLY	This RTU is for ITU duplicate point code. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_4001_TO_5000_ROUTES_RTU_INVOICE_ONLY	This RTU is for 4001 to 5000 routes. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_NETWORK ROUTING_RTU_ INVOICE ONLY	This RTU is for network routing. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_LARGE SYS 501 TO 1200 LINKS_RTU_ INVOICE ONLY	This RTU is for a large system of 501 to 1200 links. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_MEASUREMENTS PLATFORM_RTU_ INVOICE ONLY	This RTU is for measurements platform. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_RANDOM SLS GENERATION_RTU_ INVOICE ONLY	This RTU is for random SLS generation. Restrictions: This product SKU is for legacy customer applications only.
	971 SOFTWARE FEATURE MODULE INCREASED LINKSET CAPACITY EAGLE	This RTU is for increased linkset capacity. Restrictions: This product SKU is for legacy customer applications only.
	RTU_FEATURE_ NETWORK SURVEILLANCE ENHANCEMENTS_ EAGLE	This RTU is for network surveillance enhancements. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_HIPR2 HIGH RATE MODE_FEATURE ACCESS KEY_1 DOCUMENT	This feature access key is for HIPR2 high rate mode. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_751K TO 1M TPS PER NODE_FEATURE ACCESS KEY	This feature access key is for 751K to 1M TPS per node. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_HIPR2 HIGH RATE MODE PER HIPR2_RTU_INVOICE ONLY	This RTU is for HIPR2 high rate mode per HIPR2. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE_40.0 OR LATER_LICENSE FEATURE ACCESS KEY ITU TCAP LRN QUERY_1 DOCUMENT	This feature access key is for the EAGLE 40.0 or later feature ITU TCAP LRN Query. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_DUAL EXAP SUPPORT_P NER NODE_FEATURE ACCESS KEY_1 DOCUMENT	This feature access key is for dual ExAP support per node. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_SIP NUMBER PORTABILITY PER NODE_FEATURE ACCESS KEY	This feature access key is for SIP number portability. Restrictions: This product SKU is for legacy customer applications only.
	RTU_FEATURE_ENHANCED LNP ARCHITECTURE DSM SOFTWARE_EAGLE	This RTU is for enhanced LNP architecture DSM software. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE_40.0 OR LATER_LICENSE ACG FOR ITU TCAP LRN QUERY_1 DOCUMENT	This RTU is for the EAGLE 40.0 or later feature ACG for ITU TCAP LRN Query. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_GTT PRE LNP MESSAGE RELAY_RTU_INVOICE ONLY	This RTU is for GTT pre LNP message relay. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_GTT POST LNP MESSAGE RELAY_RTU_ INVOICE ONLY	This RTU is for GTT post LNP message relay. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_LNP BASE SOFTWARE_ RTU_ INVOICE ONLY	This RTU is for LNP base software. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_LNP WIRELESS SOFTWARE_ RTU_ INVOICE ONLY	This RTU if for LNP wireless software. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_LNP MEASUREM ENTS_ RTU_INVOIC E ONLY	This RTU is for LNP measurements. Restrictions: This product SKU is for legacy customer applications only.
	971 DOCUMENT POD FEATURE MODULE NUMBER POOLING EDR EAGLE	This RTU is for number pooling EDR. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_PCS SUPPORT_R TU_ INVOICE ONLY	This RTU is for PCS support. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_LNP NUMBER POOLING/ EDR_RTU_IN VOICE ONLY	This RTU is for LNP number pooling / EDR. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE – VERSION INDEPEND ENT_ LICENSE DB TRANSACTI ON ITU PER E5-SM_1 DOCUMENT	This RTU is for ITU database transactions per E5-SM. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	RTU_EAGLE – RESTRICTED ITU DB TRANSACTIONS_ LICENSE_PER E5-SM	This RTU is for restricted ITU database transactions per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE _ITU DB TRANSACTION UPGRADE TO MAXIMUM TRANSACTIONS_ LICENSE_ PER E5-SM	This RTU is for ITU database transaction upgrade to maximum transactions per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE _41.1 OR LATER_LICENSE 6,800 ITU DB TRANSACTIONS PER SECOND PER E5-SM_ INVOICE ONLY	This RTU is for EAGLE 41.1 or later 6,800 ITU database TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE _41.1 OR LATER_LICENSE 3,125 TO 6,800 ITU DB TRANSACTIONS PER SECOND PER E5-SM UPGRADE_ INVOICE ONLY	This RTU is for EAGLE 41.1 or later 3,125 – 6,800 ITU database TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE _41.1 OR LATER_6,800 ITU DB TRANSACTIONS PER SECOND_ PER E5-SM IN >2000 LINK NODE_INVOICE ONLY	This RTU is for EAGLE 41.1 or later 6,800 ITU database TPS per E5-SM for a node with more than 2000 links. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_10,000 ITU DATABASE TPS PER E5-SM_RTU_INVOICE ONLY	This RTU is for 10,000 ITU database TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_6,800 TO 10,000 ITU DATABASE TPS PER E5-SM UPGRADE_RTU_INVOICE ONLY	This RTU is for 6,800 to 10,000 ITU database TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_13,600 ITU DATABASE TPS PER E5-SM_RTU_INVOICE ONLY	This RTU is for 13,600 ITU database TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_10,000 TO 13,600 ITU DATABASE TPS PER E5-SM UPGRADE_RTU_INVOICE ONLY	This RTU is for 10,000 to 13,600 ITU database TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_E.164 BLOCKLIST SUPPORT FOR 1000 ENTRIES_RTU_INVOICE ONLY	This RTU is for E.164 blocklist support for 1000 entries. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_<FEATURE NAME>_FEATURE ACCESS KEY	<p>This license provides the access keys for a variety of features including:</p> <ul style="list-style-type: none"> • MNP circular route prevention • Portability check for mobile originated SMS • GSM MAP SRI redirect to serving HLR • A-PORT/ANSI-41 mobile number portability • Voice mail router • G-Port mobile number portability • IS41 GSM Migration • G-Port SRI query for prepaid • ANSI-41 INP query • ATI number portability query • Proprietary ATI number portability query • Info analyzed relay number portability • INP circular route prevention • Info analyzed relay base • Service portability • 41.1 or later info analyzed relay ASD • S-Port subscriber differentiation • Locreq query response • EPAP 240M support (120M DN + 120 M IMSI) per node • SIP number portability per node <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	RTU_EAGLE _41.1 OR LATER_LI CENSE GR N FOR NP WITH INP ATI G- PORT_IN VOICE O NLY	<p>This RTU is for the EAGLE 41.1 or later feature GRN for NP with INP ATI G-Port.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EAGLE__IDP NUMBER PORTABIL ITY(INP) _FEATURE ACCESS KEY_1 DOCUMENT	<p>This feature access key is for IDP number portability (INP).</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EAGLE_INP ADDITION AL APPLIC ATION_RT U_INVOI CE ONLY	<p>This RTU is for INP additional application.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EAGLE_G- PORT DEL CC FOR SP ENHANCE MENT_ RTU_INVOI CE ONLY	<p>This RTU is for the G-Port del CC for SP Enhancement feature.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>

Product	Subproduct	Licensing Information
	EAGLE_EPAP_PDBI_MEASUREMENTS_PER_NODE_RTU_INVOICE_ONLY	This RTU is for EPAP PDBI measurements per node. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_ENHANCED_GSM_MAP_SCREENING - FEATURE_ACCESS_KEY_1_DOCUMENT	This feature access key is for enhanced GSM MAP screening. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_GSM_MAP_SCREENING - FEATURE_ACCESS_KEY	This feature access key is for GSM MAP screening. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_MTP_ROUTED_GSM_MAP_SCREENING - FEATURE_ACCESS_KEY	This feature access key is for MTP routed GSM MAP screening. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_GTT_DISCARD_FEATURE_ACCESS_KEY	This feature access key is for GTT discard. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_EGMS_TC_CONTINUE_AND_END_RTU_INVOICE_ONLY	This RTU is for the EGMS TC Continue and End feature Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_EGMS_BETWEEN_ITUI_ITUN_RTU_INVOICE_ONLY	This RTU is for the EGMS between ITUI / ITUN feature. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_EGMS RI GT FOR OUTGOING MESSAGES_RTU_INVOICE ONLY	This RTU is for the EGMS RI GT for outgoing messages feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_EGMS NON-SEGMENTED XUDT SUPPORT_RTU_INVOICE ONLY	This RTU is for the EGMS non-segmented XUDT support feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_HLR ROUTER MAP LAYER ROUTING_FEATURE ACCESS KEY_1 DOCUMENT	This feature access key is for the HLR router MAP layer routing feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_HLR ROUTER_FEATURE ACCESS KEY_1 DOCUMENT	This feature access key is for HLR router. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_MAP LAYER ROUTING PER 5 OPCODES_RTU_INVOICE ONLY	This RTU is for MAP later routing per 5 opcodes. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_EQUIPMENT IDENTITY REGISTER_FEATURE ACCESS KEY_1 DOCUMENT	This feature access key for the equipment identity register. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_DIAMETER S13 INTERFACE FOR EIR_FEATURE ACCESS KEY_1 DOCUMENT	This feature access key is for the diameter S13 interface for EIR. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_GTT – FEATURE ACCESS KEY	<p>This subgroup includes all licenses that are part of the GTT feature including:</p> <ul style="list-style-type: none"> • GTT 270K to 400K entries • GTT>400K to 1 Million entries • 5001-600 routes • 6001-7000 routes • 7001-8000 routes • 8001-10000 routes • Intermediate global title loadsharing • 1025 to 2000 MAP table entries • 2001 to 3000 MAP table entries • Flexible GTT loadsharing • Weighted GTT loadsharing • Transaction based GTT loadsharing • Application support for MTP routed messages • Advanced GT modification, calling party upgrade • 16 different GTT lengths in VGTT • GTT loadsharing with alternate routing indicator • GTT duplicate • GTT forward • GTT after G-Port for SRI SM_RTU <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EAGLE_TIF_ FEATURE ACCESS KEY	<p>This subgroup includes all licenses that are part of the triggerless ISUP feature including:</p> <ul style="list-style-type: none"> • TIF number portability • EAGLE 39.2 or later license key TIF SCS fwd • TIF number substitution • TIF simple number substitution • TIF ASD • TIF GRN • TIF Subscr CGPN blocklisting • TIF range CGPN blocklisting • TIF selective screening per node • TIF NP CRP TRU • TIF IAM/SAM split • TIF Base <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EAGLE_ORI GIN-BASED MTP ROUTING_F EATURE ACCESS KEY	<p>This feature access key is for origin-based MTP routing.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>

Product	Subproduct	Licensing Information
	EAGLE_ORIGIN-BASED SCCP ROUTING_FEATURE ACCESS KEY	This feature access key is for origin-based SCCP routing. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_FLEXIBLE LINKSET OPTIONAL BASED ROUTING_FEATURE ACCESS KEY	This feature access key is for the flexible linkset option based routing feature. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_TCAP OPCODE BASED ROUTING_FEATURE ACCESS KEY	This feature access key is for TCAP opcode based routing. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_<range> TCAP OPCODES_ FEATURE ACCESS KEY	This subgroup contains licenses for the various ranges of TCAP opcodes including: <ul style="list-style-type: none"> • 0 to 3 • 4 to 6 • 7 to 12 • 13 to 24 • 25 to 48 • 49 to 96 • >96 Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_PREPAID_ FEATURE ACCESS KEY	This subgroup contains all the licenses for the prepaid feature of EAGLE including: <ul style="list-style-type: none"> • Prepaid SMS Intercept • IDP Screening • Prepaid IDP query relay • IDPR GRN • IDPR ASD • IDP A-Party Blocklist • IDP A-Party Routing • IDP Service key routing • Prepaid IDP query relay CGPN • MO-SMS prepaid intercept on B-Party • EAGLE 40.0 or Later license IDP-SMS relay • EAGLE 40.1 or later license prepaid SMS intercept support for SSN routing Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_SMS NUMBER PORTABILIT Y_ FEATURE ACCESS KEY	<p>This subgroup contains all the licenses for the SMS number portability feature of EAGLE including:</p> <ul style="list-style-type: none"> • Mo GSM SMS number portability • MO IS41 SMS number portability • MT IS41 SMS number portability • MT GSM SMS number portability • MT GSM MMS number portability • MO SMS B-Party routing • MO SMS GRN • MO SMS ASD • MO SMS interactions with IS41 GSM migration • SRI SM circular route prevention <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EAGLE_E5- SM4G 5000 TPS_FEATU RE ACCESS KEY_1 DOCUMENT	<p>This feature access key is for 5,000 TPS per E5-SM4G.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EAGLE_E5- SM4G 6800 TPS_FEATU RE ACCESS KEY_1 DOCUMENT	<p>This feature access key is for 6,800 TPS per E5-SM4G.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EAGLE_10,0 00 TPS PER E5-SM8G-B THROUGHHP UT CAPACITY PER NODE_FEAT URE ACCESS KEY_1 DOCUMENT	<p>This feature access key is for 10,000 TPS per E5-SM8G-B per node.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EAGLE_12,5 00 TPS PER E5-SM8G-B THROUGHHP UT CAPACITY_P ER NODE_FEAT URE ACCESS KEY_1 DOCUMENT	<p>This feature access key is for 12,5000 TPS per E5-SM8G-B per node.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EAGLE_DSM PER 850 TPS_RTU_IN VOICE ONLY	<p>This RTU is for DSM per 850 TPS.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>

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	EAGLE_5000 GTT TPS PER E5- SM_RTU_INV OICE ONLY	This RTU is for 5,000 GTT TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE _GTT TRANSACTIONS UPGRADE TO MAXIMUM TRANSACTIONS_ LICENSE_PER E5-SM	This RTU is for GTT transaction upgrade to maximum transactions per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE _41.1 OR LATER_LICENSE 6,800 GTT TRANSACTIONS PER SECOND PER E5- SM_INVOICE ONLY	This RTU is for EAGLE 41.1 or later, 6,800 GTT TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE _41.1 OR LATER_LICENSE 5,000 TO 6,800 GTT TRANSACTIONS PER SECOND PER E5-SM UPGRADE_ INVOICE ONLY	This RTU is for EAGLE 41.1 or later, 5,000 to 6,800 GTT TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_10,0 00 GTT TPS PER E5- SM_RTU_INV OICE ONLY	This RTU is for 10,000 GTT TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	EAGLE_6,800 TO 10,000 GTT TPS PER E5-SM UPGRADE_RTU_INVOICE ONLY	This RTU is for 6,800 to 10,000 GTT TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_13,600 GTT TPS PER E5-SM_RTU_INVOICE ONLY	This RTU is for 13,600 GTT TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_10,000 TO 13,600 GTT TPS PER E5-SM UPGRADE_RTU_INVOICE ONLY	This RTU is for 10,000 to 13,600 GTT TPS per E5-SM. Restrictions: This product SKU is for legacy customer applications only.
	971 DOCUMENT FEATURE DCM STC DCM CARD 1000 TPS FUNCTIONALITY	This RTU is for the DCM STC DCM card 1,000 TPS functionality. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_E5-ENET-B IP SG HIGH THROUGHPUT FEATURE ACCESS KEY	This feature access key is for E5-ENET-B IP SG high throughput. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_IP GATEWAY 1 TPS_RTU_INVOICE ONLY	This RTU is for IP Gateway 1 TPS. Restrictions: This product SKU is for legacy customer applications only.
	EAGLE_IP TRANSPORT 1 TPS_RTU_INVOICE ONLY	This RTU is for IP transport 1 TPS. Restrictions: This product SKU is for legacy customer applications only.
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Product	Subproduct	Licensing Information
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	EAGLE_IPG W 4000 TU_RTU_INV OICE ONLY	This RTU is for IPGW 4,000 TU. Restrictions: This product SKU is for legacy customer applications only.
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Product	Subproduct	Licensing Information
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	RTU_EAGLE_38.0_OR_LATER_LICENSE_E5-ENET_IPGW/IPLIM_TO_IPSG_UPGRADE_1_DOCUMENT	This RTU is for EAGLE 38.0 or later, E5-ENET IPGW / IPLIM to IPSG upgrade. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE_41.1_OR_LATER_LICENSE_PER_IPSG_E5-ENET_IN_>2,000_LINK_NODE_INVOICE_ONLY	This RTU is for EAGLE 41.1 or later, per IPSG E5-ENET for a node with more than 2,000 links. Restrictions: This product SKU is for legacy customer applications only.
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Product	Subproduct	Licensing Information
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	EAGLE_SYNCHRONOUS E1 HIGH SPEED LINK 1 SE-HSL LINK_RTU_INVOICE ONLY	This RTU is for synchronous E1 high speed link, 1 SE-HSL link. Restrictions: This product SKU is for legacy customer applications only.
	RTU_EAGLE_41.0 OR LATER_LICENSE 1 SYNCHRONOUS T1 HIGH SPEED LINK (ST-HSL)_1 DOCUMENT	This RTU is for EAGLE 41.0 or later, 1 synchronous T1 high speed link. Restrictions: This product SKU is for legacy customer applications only.

Product	Subproduct	Licensing Information
	RTU_EAGLE – VERSION INDEPENDENT_ LICENSE LINK INTERFACE MODULE (HSL) T1 TO E1 CAPACITY INCREASE_1 DOCUMENT	This RTU is for the link interface module (HSL) T1 to E1 capacity increase. Restrictions: This product SKU is for legacy customer applications only.
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6

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