# Oracle® Communications
# EAGLE Compatibility Matrix

Release 48.0

G48662-01

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ORACLE®

Oracle Communications EAGLE Compatibility Matrix, Release 48.0

G48662-01

# Contents

# 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 notification

  Any other problem severely affecting service, capacity/traffic, billing, and maintenance capabilities may be defined as critical by prior discussion and agreement with Oracle.

- **Training Need**
  Oracle University offers training for service providers and enterprises.

My Oracle Support (https://support.oracle.com) is your initial point of contact for all product support and training needs. A representative at Customer Access Support can assist you with My Oracle Support registration.

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 48.0 in Oracle Communications EAGLE Compatibility Matrix.

**Release 48.0 - G48662-01 , December 2025**

Updated the document with EAGLE 48.0 compatibility information.

# 1
# Overview

This document defines the release-specific compatibilities for the EAGLE product family, including the compatibility between EAGLE and Performance Intelligence Center (PIC). The document provides information about the compatibility across the following products:

- EAGLE
- EAGLE LNP Application Processor (ELAP)
- EAGLE Application Processor (EPAP)
- EAGLE Element Management System (EMS)
- EAGLE FTP Table Base Retrieval (FTRA)
- Local Service Management System (LSMS)
- Performance Intelligence Center (PIC)

The information in this document addresses the product releases that are currently covered under Premier Support and also some product releases that are no longer covered under Premier Support. Refer to Lifetime Support for your Oracle Applications Unlimited Products on the Applications Unlimited Lifetime Support web page for support information.

Refer to the Release Notes of each product release for information related to supported upgrade paths.

# 2

# Product-Wise Compatibility

This section defines the following release specific compatibilities:

- [EAGLE Compatibility](#)
- [EMS Compatibility with EPAP and LSMS](#)
- [LSMS Compatibility with ELAP](#)

**Legend**

The following terms are used to define the product compatibilities:

- **FC**: Fully Compatible
- **PC**: Partially Compatible. Product combinations are functional but have not undergone complete regression testing. Some feature capabilities may not be fully functional or supported. Partial Compatibility is provided to support the short period of time while customers upgrade components of the EAGLE product family.
- **NC**: Not Compatible

## EAGLE Compatibility

The following table defines compatibility of EAGLE with different products:

**Table 2-1    EAGLE Compatibility Matrix**

| EAGLE | ELAP | | EPAP | | EMS | | FTRA | | PIC | |
|-------|------|------|------|------|-----|------|------|------|-----|------|
| Release | Release | Compatibility | Release | Compatibility | Release | Compatibility | Release | Compatibility | Release | Compatibility |
| 48.0 | 11.0 | FC | 17.1 | FC | 47.0 | FC | 5.1 | FC[1] | 10.5 | FC[4] |
|  | 10.2 | FC | 17.0 | FC | 46.6 | NC | 5.0 | FC | 10.4 | FC[4] |
|  | 10.1 | PC [6] | 16.4 | PC | 46.5 | NC |  |  | 10.3 | PC[4] |
|  |  |  | 16.3 | PC |  |  |  |  | 10.2 | PC[4] |
| 47.1 | 11.0 | FC | 17.1 | PC [2] | 47.0 | FC | 5.1 | FC[3] | 10.4 | FC [4] |
|  | 10.2 | FC | 17.0 | FC | 46.6 | FC[5] | 5.0 | FC | 10.3 | NC |
|  |  |  | 16.4 | FC |  |  | 4.5 | NC |  |  |
|  | 10.1 | PC [6] | 16.3 | PC | 46.5 | NC | <4.5 | NC | 10.2 | NC |
| 47.0 | 11.0 | FC | 17.1 | PC [7] | 47.0 | FC | 5.1 | FC[8] | 10.4 | FC[4] |
|  | 10.2 | FC | 17.0 | FC | 46.6 | PC [9] | 5.0 | FC [10] | 10.4 | FC [4] |
|  | 10.1 | PC [6] | 16.4 | FC | 46.5 | NC | 5.0 | FC [10] | 10.3 | PC [4] |
|  |  |  | 16.3 | PC | <4.5 | NC | 4.5 | FC[11] | 10.2 | PC [4] |
|  |  |  | 16.2 | PC |  |  |  |  |  |  |
| 46.9.3 | 11.0 | FC | 17.0 | FC | 47.0 | FC | 5.0 | FC [10] | 10.4 | FC [4] |
|  | 10.2 | FC | 16.4 | FC | 46.6 | PC[12] | 5.0 | FC [10] | 10.4 | FC [4] |
|  | 10.1 | PC | 16.3 | PC | 46.5 | NC | 4.5 | FC[13] | 10.3 | PC [4] |

**Table 2-1    (Cont.) EAGLE Compatibility Matrix**

| EAGLE | ELAP | | EPAP | | EMS | | FTRA | | PIC | |
|---|---|---|---|---|---|---|---|---|---|---|
| Release | Release | Compati bility | Release | Compati bility | Release | Compati bility | Release | Compati bility | Release | Compati bility |
| | | | 16.2 | PC | | | <4.5 | NC | 10.2 | PC |
| 46.9 | 11.0 | PC [6] | 17.0 | FC | 47.0 | FC | 5.0 | FC [10] | 10.4 | FC [14] |
| | 10.1.x | FC | 16.4 | FC | 46.6 [15] | FC | 5.0 | FC [10] | 10.4 | FC [14] |
| | 10.0.x | NC | 16.3 | PC | 46.5 | NC | 4.5 [16] | FC [17] [13] | 10.3 | FC [14] |
| | | | 16.2 | PC | | | <4.5 | NC | 10.2.1 | NC |
| | | | 16.1 | NC | | | | | | |
| 46.8 | 11.0 | PC [6] | 17.0 | NC | 47.0 | FC | 4.5 [16] | FC [18] | 10.4 | FC [14] |
| | 10.1 | FC | 16.4 | NC | 46.6 [19] | FC | 4.5 [16] | FC [18] | 10.4 | FC [14] |
| | | | 16.3 | FC | 46.5 | PC | | | 10.3 | FC [14] |
| | | | 16.2 | PC | | | | | 10.2.1 | FC [14] |
| | | | 16.1 | PC | | | | | 10.1 | NC |
| 46.7 | 10.1 | FC | 17.0 | NC | 47.0 | FC | 4.5 [16] | FC [20] | 10.4 | FC [14] |
| | 10.1 | FC | 16.4 | NC | 46.6 [21] | FC | 4.5 [16] | FC [20] | 10.4 | FC [14] |
| | | | 16.3 | FC | 46.5 | PC | | | 10.3 | FC [14] |
| | | | 16.2 | PC | | | | | 10.2 | FC [14] |
| | | | 16.1 | PC | | | | | 10.1 | FC [14] |
| | | | | | | | | | 10.0 | NC |
| 46.6 | 10.1 | FC | 16.4 | NC | 47.0 | FC | 4.5 [16] | FC [20] | 10.4 | FC [14] |
| | | | 16.3 | PC | 46.6 | FC | | | 10.3 | FC [14] |
| | | | 16.2 | FC | 46.5 | PC | | | 10.2 | FC [14] |
| | | | 16.1 | PC | 46.3 | PC | | | 10.1 | FC [14] |
| | | | | | | | | | 10.0 | NC |
| 46.5 | 10.1 | FC | 16.4 | NC | 47.0 | PC | 4.5 [16] | FC [20] | 10.4 | FC [14] |
| | 10.0 | PC | 16.3 | PC | 46.6 | FC | | | 10.3 | FC [14] |
| | | | 16.2 | FC | 46.5 | FC | | | 10.2.1 | FC [14] |
| | | | 16.1 | FC | 46.3 | PC | | | 10.2 | FC [14] |
| | | | 16.0 | PC | 46.2 | PC | | | 10.1 | FC [14] |
| | | | | | | | | | 10.0 | NC |
| 46.4 | 10.1 | FC | 16.2 | FC | 46.6 | NC | 4.5 [16] | FC [22] | 10.2.1 | FC [14] |
| | 10.0 | NC | 16.1 | FC | 46.5 | PC | | | 10.2 | FC [14] |
| | | | 16.0 | NC | 46.3 | FC | | | 10.1 | FC [14] |
| | | | | | 46.2 | NC | | | 10.0 | NC |
| 46.3 | 10.1 | FC | 16.2 | FC | 46.6 | FC | 4.5 [16] | FC [22] | 10.2.1 | FC [14] |
| | 10.0 | PC | 16.1 | FC | 46.5 | PC | | | 10.1 | FC [14] |
| | | | 16.0 | PC | 46.3 | FC | | | 10.0 | FC [14] |
| | | | 15.0 | PC | 46.2 | PC | | | 9.0 | FC [14] |
| | | | | | 46.0 | PC | | | | |
| 46.2 | 10.0 | FC | 16.0 | FC | 46.5 | PC | 4.5 [16] | FC [23] | 10.2.1 | FC [14] |
| | 9.0 | NC | 15.0 [14] | PC | 46.3 | NC | | | 10.2 | FC [14] |
| | | | 14.0 | NC | 46.2 | FC | | | 10.1 | FC [14] |
| | | | | | 46.0 | PC | | | 10.0 | FC [14] |

**Table 2-1    (Cont.) EAGLE Compatibility Matrix**

| EAGLE | ELAP | | EPAP | | EMS | | FTRA | | PIC | |
|---|---|---|---|---|---|---|---|---|---|---|
| Release | Release | Compati bility | Release | Compati bility | Release | Compati bility | Release | Compati bility | Release | Compati bility |
| | | | | | 45.0 | PC | | | 9.0 | FC [14] |

1   FTRA 5.1 is tested with JAVA JDK Version 13.0.2 for Linux and JRE 1.8.0_321 for Windows.

2   EAGLE 47.1 and 47.0 support an MNP database capacity up to 495M entries.

3   FTRA 5.1 is tested with JAVA JDK Version 13.0.2 for Linux and JRE 1.8.0_321 for Windows.

4   J7 support not available for PIC

5   In case of automatic resynchronization failure, there is an option to do the manual resynchronization. Automatic resynchronization can be initiated in following cases:

   **1.** On EAGLE addition

   **2.** Change of EAGLE southbound protocol (TL1 to SNMP or SNMP to TL1)

   **3.** EMSALM connection breaks and a switch to next configured EMSALM terminal

   **4.** Eagle sends an auto-resync message to EMS

   Practically for production system, customers will see automatic resync fail when they do EAGLE addition for the first time.

6   Compatible up to LNP database capacity of 504M. ELAP 10.2 is required for LNP database capacity of 756M.

7   EAGLE 47.1 and 47.0 support an MNP database capacity up to 495M entries.

8   FTRA 5.1 is tested with JAVA JDK Version 13.0.2 for Linux and JRE 1.8.0_321 for Windows.

9   EMS 46.6.2 and above are fully compatible with EAGLE

10   FTRA 5.0 is tested with JAVA JDK Version 13.0.2 for Linux and JRE 1.8.0_321 for Windows.

11   FTRA 4.5 is tested with JAVA JDK Version 13.0.2 for Linux and JRE 1.8.0_321 for Windows.

12   EMS 46.6.3 and above are fully compatible with EAGLE

13   FTRA 4.5 is tested with JAVA JDK version 13.0.2 for Linux and JRE 1.8.0_261-b12 for Windows server.

14   J7 Point Code format is NOT supported on PIC or EPAP 15.0.

15   Only EMS 46.6.2 and later are compatible with the indicated EAGLE release.

16   The latest build of FTRA 4.5 is build 40.34.0 and can be found on My Oracle Support (MOS). Refer to the FTRA 4.5 Release Notes on Oracle Help Center for the bug fix content in that FTRA build.

17   From EAGLE 46.9, FTRA is not supported on Unix servers.

18   FTRA 4.5 is tested with JAVA version 12.0.1 for Linux and Windows servers and with JAVA version 1.8.0_211 for Unix servers.

19   Only EMS 46.6.2 and later are compatible with the indicated EAGLE release.

20   FTRA 4.5 is tested with JAVA version 8 update 121.

21   Only EMS 46.6.2 and later are compatible with the indicated EAGLE release.

22   FTRA 4.5 is tested with JAVA version 1.8.0_73-b02 installed on Windows 7 & 8, and 1.8.0_73-b02 installed on UNIX..

23   FTRA 4.5 is tested with JAVA version 1.8.0_31-b13.

> ⓘ **Note**
>
> - EPAP 17.1 will support 510M MNP DNs, and this capacity will remain unchanged with the introduction of APP-D cards in 2026
>
> - FTRA 5.1 and FTRA 5.0 are FC, provided the FTRA machine supports the required ciphers.
>
> - OS Platforms for FTRA 5.1:
>   - Oracle Linux: Versions 8 & 9
>   - Microsoft Windows: Versions 10

# EMS Compatibility with EPAP and LSMS

The following table defines compatibility of EMS with EPAP and LSMS:

**Table 2-2    EMS Compatibility with EPAP and LSMS**

| EMS | EPAP | | LSMS | |
|---|---|---|---|---|
| Release | Release | Compatibility | Release | Compatibility |
| 47.0 | 17.1 | FC | 14.0 | FC |
| | 17.0 | FC | 13.5 | FC |
| | 16.4 | FC | 13.4 | PC |
| | 16.3 | PC | | |
| 46.6 | 17.1 | PC | 14.0 | FC |
| | 17.0 | FC | 13.5 | FC |
| | 16.4 | FC | 13.4 | FC |
| | 16.3 | FC | 13.3 | FC |
| | 16.2 | FC | 13.2 | FC |
| | 16.1 | PC | 13.1 | FC |
| 46.5 | 17.1 | PC | 14.0 | NC |
| | 17.0 | NC | 13.5 | FC |
| | 16.4 | NC | 13.4 | FC |
| | 16.3 | PC | 13.3 | FC |
| | 16.2 | FC | 13.2 | FC |
| | 16.1 | PC | 13.1 | PC |
| 46.3 | 17.0 | NC | 13.5 | NC |
| | 16.2 | PC | 13.4 | NC |
| | 16.1 | FC | 13.3 | PC |
| | 16.0 | PC | 13.2 | FC |
| | | | 13.1 | PC |
| | | | 13.0 | PC |
| 46.2 | 16.0 | FC | 13.1 | FC |
| | | | 13.0 | FC |

# LSMS Compatibility with ELAP

The following table defines compatibility of LSMS with ELAP:

**Table 2-3    LSMS Compatibility with ELAP**

| LSMS | ELAP | |
|---|---|---|
| **Release** | **Release** | **Compatibility** |
| 14.0 | 11.0 | FC |
|  | 10.2 | FC |
|  | 10.1 | NC |
| 13.5 | 11.0 | NC |
|  | 10.2 | FC |
|  | 10.1 | PC[1] |
| 13.4 | 11.0 | NC |
|  | 10.2 | PC |
|  | 10.1 | FC |
|  | 10.0 | PC[2] |
| 13.3 | 10.2 | PC |
|  | 10.1 | FC |
|  | 10.0 | PC [3] |
| 13.2 | 10.1 | FC |
|  | 10.0 | PC [4] |

[1]   Compatible up to LNP database capacity of 504M. ELAP 10.2 is required for LNP database capacity of 756M.

[2]   Partially Compatible up to 384M database capacity; Not Compatible greater than 384M database capacity.

[3]   Partially Compatible up to 384M database capacity; Not Compatible greater than 384M database capacity.

[4]   Partially Compatible up to 384M database capacity; Not Compatible greater than 384M database capacity.