

Oracle® Communications

EAGLE Compatibility Matrix



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Oracle Communications EAGLE Compatibility Matrix, Release 47.1

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 - 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
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What's New in This Guide

This section introduces the documentation updates for Release 47.1 in Oracle Communications EAGLE Compatibility Matrix.

Release 47.1 - F87785-08 , January 2025

Updated Footnote 2 to specify the options for automatic synchronization in the [EAGLE Compatibility](#) section.

Release 47.1 - F87785-07 , January 2025

Updated [LSMS Compatibility with ELAP](#) as LSMS 14.0 is no longer compatible with ELAP 10.1.

Release 47.1 - F87785-06 , December 2024

Updated [EAGLE Compatibility](#) with EMS 46.6.

Release 47.1 - F87785-05 , August 2024

Updated [EAGLE Compatibility](#) with EMS 46.6.

Release 47.1 - F87785-04 , June 2024

- Updated [EAGLE Compatibility](#) with EMS.
- Updated EMS compatibility with EPAP and LSMS in the [EMS Compatibility with EPAP and LSMS](#).

Release 47.1 - F87785-03 , June 2024

- Updated the LSMS 13.5 and 13.4 releases' compatibility with ELAP 11.0 in the [LSMS Compatibility with ELAP](#) section.

Release 47.1 - F87785-02 , January 2024

- Updated the [EAGLE Compatibility](#) with ELAP 11.0.
- Updated EMS compatibility with LSMS 14.0 in the [EMS Compatibility with EPAP and LSMS](#) section.
- Updated [LSMS Compatibility with ELAP](#).

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 Notices 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

2.1 EAGLE Compatibility

The following table defines compatibility of EAGLE with different products:

Table 2-1 EAGLE Compatibility Matrix

EAGLE Release	ELAP		EPAP		EMS		FTRA		PIC	
	Release	Compatibility	Release	Compatibility	Release	Compatibility	Release	Compatibility	Release	Compatibility
47.1	11.0	FC	17.0	FC	47.0	FC	5.0	FC	10.4	FC ¹
	10.2	FC	16.4	FC	46.6	FC ²	4.5	NC	10.3	NC
	10.1	PC ³	16.3	PC	46.5	NC	<4.5	NC	10.2	NC
47.0	11.0	FC	17.0	FC	47.0	FC	5.0	FC ⁴	10.4	FC ¹
	10.2	FC	16.4	FC	46.6	PC ⁵	5.0	FC ⁴	10.4	FC ¹
	10.1	PC ³	16.3	PC	46.5	NC	4.5	FC ⁶	10.3	PC ¹
			16.2	PC			<4.5	NC	10.2	PC ¹
46.9.3	11.0	FC	17.0	FC	47.0	FC	5.0	FC ⁴	10.4	FC ¹
	10.2	FC	16.4	FC	46.6	PC ⁷	5.0	FC ⁴	10.4	FC ¹
	10.1	PC	16.3	PC	46.5	NC	4.5	FC ⁸	10.3	PC ¹
			16.2	PC			<4.5	NC	10.2	PC
46.9	11.0	PC ³	17.0	FC	47.0	FC	5.0	FC ⁴	10.4	FC ⁹
	10.1.x	FC	16.4	FC	46.6 ¹⁰	FC	5.0	FC ⁴	10.4	FC ⁹
	10.0.x	NC	16.3	PC	46.5	NC	4.5 ¹¹	FC ^{12 8}	10.3	FC ⁹
			16.2	PC			<4.5	NC	10.2.1	NC
			16.1	NC						

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
46.8	11.0	PC ³	17.0	NC	47.0	FC	4.5 ¹¹	FC ¹³	10.4	FC ⁹
	10.1	FC	16.4	NC	46.6 ¹⁴	FC	4.5 ¹¹	FC ¹³	10.4	FC ⁹
			16.3	FC	46.5	PC			10.3	FC ⁹
			16.2	PC					10.2.1	FC ⁹
			16.1	PC					10.1	NC
46.7	10.1	FC	17.0	NC	47.0	FC	4.5 ¹¹	FC ¹⁵	10.4	FC ⁹
	10.1	FC	16.4	NC	46.6 ¹⁶	FC	4.5 ¹¹	FC ¹⁵	10.4	FC ⁹
			16.3	FC	46.5	PC			10.3	FC ⁹
			16.2	PC					10.2	FC ⁹
			16.1	PC					10.1	FC ⁹
								10.0	NC	
46.6	10.1	FC	16.4	NC	47.0	FC	4.5 ¹¹	FC ¹⁵	10.4	FC ⁹
			16.3	PC	46.6	FC			10.3	FC ⁹
			16.2	FC	46.5	PC			10.2	FC ⁹
			16.1	PC	46.3	PC			10.1	FC ⁹
									10.0	NC
46.5	10.1	FC	16.4	NC	47.0	PC	4.5 ¹¹	FC ¹⁵	10.4	FC ⁹
	10.0	PC	16.3	PC	46.6	FC			10.3	FC ⁹
			16.2	FC	46.5	FC			10.2.1	FC ⁹
			16.1	FC	46.3	PC			10.2	FC ⁹
			16.0	PC	46.2	PC			10.1	FC ⁹
								10.0	NC	
46.4	10.1	FC	16.2	FC	46.6	NC	4.5 ¹¹	FC ¹⁷	10.2.1	FC ⁹
	10.0	NC	16.1	FC	46.5	PC			10.2	FC ⁹
			16.0	NC	46.3	FC			10.1	FC ⁹
					46.2	NC			10.0	NC
46.3	10.1	FC	16.2	FC	46.6	FC	4.5 ¹¹	FC ¹⁷	10.2.1	FC ⁹
	10.0	PC	16.1	FC	46.5	PC			10.1	FC ⁹
			16.0	PC	46.3	FC			10.0	FC ⁹
			15.0	PC	46.2	PC			9.0	FC ⁹
					46.0	PC				
46.2	10.0	FC	16.0	FC	46.5	PC	4.5 ¹¹	FC ¹⁸	10.2.1	FC ⁹
	9.0	NC	15.0 ⁹	PC	46.3	NC			10.2	FC ⁹
			14.0	NC	46.2	FC			10.1	FC ⁹
					46.0	PC			10.0	FC ⁹
					45.0	PC			9.0	FC ⁹

¹ J7 support not available for PIC

² 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.

- 3 Compatible up to LNP database capacity of 504M. ELAP 10.2 is required for LNP database capacity of 756M.
- 4 FTRA 5.0 is tested with JAVA JDK Version 13.0.2 for Linux and JRE 1.8.0_321 for Windows.
- 5 EMS 46.6.2 and above are fully compatible with EAGLE
- 6 FTRA 4.5 is tested with JAVA JDK Version 13.0.2 for Linux and JRE 1.8.0_321 for Windows.
- 7 EMS 46.6.3 and above are fully compatible with EAGLE
- 8 FTRA 4.5 is tested with JAVA JDK version 13.0.2 for Linux and JRE 1.8.0_261-b12 for Windows server.
- 9 J7 Point Code format is NOT supported on PIC or EPAP 15.0.
- 1 Only EMS 46.6.2 and later are compatible with the indicated EAGLE release.
- 0
- 1 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.
- 1 From EAGLE 46.9, FTRA is not supported on Unix servers.
- 2
- 1 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.
- 3
- 1 Only EMS 46.6.2 and later are compatible with the indicated EAGLE release.
- 4
- 1 FTRA 4.5 is tested with JAVA version 8 update 121.
- 5
- 1 Only EMS 46.6.2 and later are compatible with the indicated EAGLE release.
- 6
- 1 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..
- 7
- 1 FTRA 4.5 is tested with JAVA version 1.8.0_31-b13.
- 8

2.2 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	17.0	FC	14.0	FC
	16.4	FC	13.5	FC
	16.3	PC	13.4	PC
46.6	17.0	FC	14.0	FC
	16.4	FC	13.5	FC
	16.3	FC	13.4	FC
	16.2	FC	13.3	FC
	16.1	PC	13.2	FC
			13.1	FC
46.5	17.0	NC	14.0	NC
	16.4	NC	13.5	FC
	16.3	PC	13.4	FC
	16.2	FC	13.3	FC
	16.1	PC	13.2	FC

Table 2-2 (Cont.) EMS Compatibility with EPAP and LSMS

EMS	EPAP		LSMS	
Release	Release	Compatibility	Release	Compatibility
			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

2.3 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.