Oracle® Hospitality Cruise
Compatibility Matrix

ORACLE®

Oracle Hospitality Cruise Compatibility Matrix,

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Contents

Preface

This document provides details about the environments, products and versions supported by Oracle Hospitality Cruise.

Audience

This document is for technical specialist, system administrators, application specialist and users of Oracle Cruise Property Management.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

https://support.oracle.com

When contacting Customer Support, please provide the following:

* Product version and program/module name
* Functional and technical description of the problem (include business impact)
* Detailed step-by-step instructions to re-create
* Exact error message received
* Screenshots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at http://docs.oracle.com/en/industries/hospitality/.

Revision History

Table 1   Revision History

Date	Description of Change
September 2020	• Initial Publication
October 2020	• Update to include Supported Peripherals Devices for Next-gen Web Applications.
February 2021	• Update to include support for OPI 20.3 • Update supported Operating System for FMS 9.1 • Updated compatibility for SilverWhere Product • Added support for Evolis Primary Barcode Printing only

Table 1   (Cont.) Revision History

Date	Description of Change
July 2021	• Update to include support for ENOAD Schema 3.7 from version 8.0.20, 20.1.1.3.2 • Added OMNIKEY 5022 RFID Reader for version 8.0.19 and version 20.1 • Added notation on MMS RPOS using SPMS OPI format • Update to include Simphony 19.2 for version 8.0.21
September 2021	• Update to include support for SPMS 20.2

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Shipboard Property Management System (SPMS) Compatibility

Database Server Technology

Table 1-1   Supported Operating System for Database Server

Operating System [1]	SPMS Version			
	8.0	**19.1**	**20.1**	**20.2**
Microsoft Windows Server 2012 x64 R2 [2]	Yes	Yes	Yes	No
Microsoft Windows Server 2016 x64	Yes	Yes	Yes	Yes
Microsoft Windows Server 2019 x64	Yes	Yes	Yes	Yes
Oracle Linux 7	Yes	Yes	Yes	Yes

[1] Only 64-bit version of Windows Server is supported, in conformity with Oracle Database requirements

[2] The minimum Windows Server version supported by SPMS is Windows Server 2012 R2. Microsoft officially ended the support for Windows Server 2008 and 2008 R2 on January 14, 2020. See https://www.microsoft.com/en-us/cloud-platform/windows-server-2008 for more information.

Table 1-2   Supported Database System for Database Server

Database System	SPMS Version			
	8.0	**19.1**	**20.1**	**20.2**
Oracle 12.2 – 12.2.0.1 [1,2]	Yes	Yes	Yes	Yes
Oracle 19c	Yes	Yes	Yes	Yes

[1] The Premier Support for Oracle Database 12.1 officially ended on July 2018. Oracle only provides Extended Support until July 2020 for non-Windows platform. The minimum Oracle Database version supported by SPMS is Oracle 12.2. Contact Oracle Premier Support for more information.

[2] For Oracle Database 12.2, Oracle officially supports up to Windows Server 2016 x64. For more information, see Oracle Database 12.2 Requirements

Web Server Technology

Table 1-3   Supported Operating System for Web Server

Operating System	SPMS Version			
	8.0	**19.1**	**20.1**	**20.2**
Microsoft Windows Server 2012 x64 R2 [1]	Yes	Yes	Yes	No
Microsoft Windows Server 2016 x64	Yes	Yes	Yes	Yes
Microsoft Windows Server 2019 x64	Yes	Yes	Yes	Yes

[1] The minimum Windows Server version supported by SPMS is Windows Server 2012 R2. Microsoft officially ended the support for Windows Server 2008 and 2008 R2 on January 14, 2020. See https://www.microsoft.com/en-us/cloud-platform/windows-server-2008 for more information.

Table 1-4   Supported Database Client for Web Server

Database Client	SPMS Version			
	8.0	**19.1**	**20.1**	**20.2**
Oracle 12.2 – 12.2.0.1 [1,2]	Yes	Yes	Yes	Yes
Oracle 19c	Yes	Yes	Yes	Yes

[1] The Premier Support for Oracle Database 12.1 officially ended on July 2018. Oracle only provides Extended Support until July 2020 for non-Windows platform. The minimum Oracle Database version supported by SPMS is Oracle 12.2. Contact Oracle Premier Support for more information.

[2] For Oracle Database 12.2, Oracle officially support up to only Windows Server 2016 x64. Reference: Oracle Database 12.2 Requirements

Application Client Technology

Table 1-5   Supported Operating System for Application Client

Operating System	SPMS Version			
	8.0	**19.1**	**20.1**	**20.2**
Microsoft Windows 10 – Standard Edition [1]	Yes	Yes	Yes	Yes

[1] Microsoft officially ended the support for Windows 8 on January 12, 2016. Therefore, the minimum Windows version supported by SPMS is Windows 10. Reference: https://support.microsoft.com/en-us/office/windows-8-end-of-support-and-office-34e28be4-1e4f-4928-b210-3f45d8215595

Table 1-6   Supported Database Client for Application Client

Database Client	SPMS Version			
	8.0	19.1	20.1	20.2
Oracle 12.2 – 12.2.0.1 [1]	Yes	Yes	Yes	Yes
Oracle 19c	Yes	Yes	Yes	Yes

[1] The Premier Support for Oracle Database 12.1 officially ended on the month of July 2018. Oracle provides Extended Support only for non-Windows platform until July 2022. Therefore, the minimum Oracle Database version supported by SPMS is Oracle 12.2. Contact Oracle Premier Support for more information.

Compatibility with Oracle Hospitality Cruise Product Suite

Table 1-7   Supported Product Suite Compatibility

Oracle Hospitality Cruise Product Suite	SPMS Version			
	8.0.8 and Higher	19.1	20.1	20.2
Fleet Management System (FMS)				
FMS 9 Suite	9.0.9.0 and Higher	9.0.9.0 and Higher	9.0.9.0 and Higher	9.1.1.0 and Higher
Sender / Receiver	8.2.2.1007 and Higher	8.2.2.1007 and Higher	8.2.2.1007 and Higher	9.1.1.0 and Higher
Dining Management System (DMS)				
SilverWhere	8.0.80.0	8.0.80.0	8.0.80.0	8.0.80.0
Fine Dining System	9.0.4.82	9.0.4.82	No	No
Meal Count System	8.0.308	8.0.308	8.0.308	8.0.308
Materials Management System (MMS) with RPOS [1]				
7.30.3xx	No	No	No	No
7.30.4xx	No	No	No	No
7.30.5xx	7.3.567	7.3.567	7.3.567	7.3.567
Materials Management System (MMS) without RPOS				
7.30.3xx	No	7.3.332	7.3.332	No
7.30.4xx	No	No	No	No
7.30.5xx	7.3.566	7.3.566	7.3.567	7.3.567
SMART				
iCrew	8.0	8.0	8.0	8.0
ENOAD				
Schema Version 3.6 [2]	Yes	Yes	Yes	No
Schema Version 3.7 [3]	Yes	No	Yes	Yes

[1] Does not support the use of SPMS Credit Card format 'OPI'.

[2] ENOAD Schema Version 3.6 was introduced in SPMS version 8.0.11.

[3] ENOAD Schema Version 3.7 was introduced in SPMS version 8.0.20 and 20.1.3.2.

Point-of-Sale Interfaces

Table 1-8   Supported Point-of-Sale and Payment Interfaces

Oracle Hospitality Interfaces	SPMS Version			
	8.0 and Higher	**19.1**	**20.1**	**20.2**
Simphony				
2.7	Yes	No	No	No
2.8	Yes	No	No	No
2.9	Yes	No	No	No
2.10	Yes	Yes	No	No
18.2	Yes	Yes	Yes	Yes
19.1 [1]	Yes	Yes	Yes	Yes
19.2 [2]	Yes	No	No	Yes
MICROS Point-of-Sale				
3700 version 5.7 or later / ISL	1.30s	1.30s	1.30s	1.30s
Oracle Payment Interface (OPI)				
6.2	Yes	Yes	No	No
19.1	Yes	Yes	Yes	No
20.1	8.0.14 and Higher	Yes	Yes	No
20.2	8.0.14 and Higher	Yes	Yes	No
20.3	8.0.17 and Higher	No	Yes	Yes

[1] Interface include Simphony Payment Integration (SPI)

[2] Support from SPMS 8.0.21

Peripherals Devices

The peripherals listed below are for SPMS Desktop Thick Client and the information supplied below does not apply for the Next-gen web-based application.

Table 1-9   Supported Peripherals Devices for SPMS Desktop Thick Client

Peripherals for SPMS Desktop Thick Client	SPMS Version			
	8.0	19.1	20.1	20.2
Passport Reader				
3M AT9000 MKII	Yes	Yes	Yes	Yes
DESKO Icon	Yes	Yes	Yes	Yes
DESKO Penta CKI Gen 4 (ArtNo: 3001647.0)	Yes	Yes	Yes	Yes
ACS Smart Card Reader ACR 38	Yes	Yes	Yes	Yes
3M Rochford Thompson RTE 6700	Yes	Yes	Yes	Yes
RFID Reader/Writer				
Creator CRT310 RFID	Yes	Yes	Yes	Yes
OMNIKEY RFID Reader 5321	Yes	Yes	Yes	Yes
OMNIKEY RFID Reader 6321	Yes	Yes	Yes	Yes
OMNIKEY RFID 5427 Keyboard Emulation for ULC Card	Yes	Yes	Yes	Yes
OMNIKEY 5021 RFID Reader	Yes	Yes	Yes	Yes
OMNIKEY 5022 RFID Reader [1]	Yes	No	Yes	Yes
OBID CPR40.30-USB	Yes	Yes	Yes	Yes
SYRIS RD200	Yes	Yes	Yes	Yes
Evolis Pebble 4 (RFID)	Yes	Yes	Yes	Yes
Evolis Primacy Barcode Printer [2]	Yes	Yes	Yes	Yes
FARGO HDP5000	Yes	Yes	Yes	Yes
Zebra ZXP Series 3	Yes	Yes	Yes	Yes
Zebra ZXP Series 7	Yes	Yes	Yes	Yes
Axess 500	Yes	Yes	Yes	Yes
Axess 600	Yes	Yes	Yes	Yes
Barcode Scanner				
Metrologic Barcode Scanner	Yes	Yes	Yes	Yes
Signature Device				
Signotec Omega	Yes	Yes	Yes	Yes

[1] Available from v8.0.19 and higher.

[2] Only support Barcode printing, RFID printing not supported.

Table 1-10   Supported Peripherals Devices for SPMS Next-Gen Web/ Mobile App

Peripherals Devices for SPMS Next-Gen Web / Mobile Application	SPMS Version			
	8.0	19.1	20.1	20.2
Tablets				
MICROS 721	Yes	Yes	Yes	Yes

Table 1-10   (Cont.) Supported Peripherals Devices for SPMS Next-Gen Web/ Mobile App

Peripherals Devices for SPMS Next-Gen Web / Mobile Application	SPMS Version			
	8.0	19.1	20.1	20.2
Web Browsers				
The latest web browser version are tested/certified at time of release. It is highly recommended that you upgrade to the latest available version to avoid being exposed to potential security risk. For more detail on supported browsers, visit Oracle Software Web Browser Support Policy				

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Fleet Management System (FMS) Compatibility

Database Server Technology

Table 2-1   Supported Operating System for Database Server

Operating System [1]	FMS Version	
	9.0	**9.1**
Microsoft Windows Server 2012 x64 R2 [2]	Yes	Yes
Microsoft Windows Server 2016 x64	Yes	Yes
Microsoft Windows Server 2019 x64	No	Yes
Oracle Linux 7	No	Yes

[1] Only 64-bit version of Windows Server is supported, in conformity with Oracle Database requirements

[2] The minimum Windows Server version supported by FMS is Windows Server 2012 R2. Microsoft officially ended the support for Windows Server 2008 and 2008 R2 on January 14, 2020. See https://www.microsoft.com/en-us/cloud-platform/windows-server-2008 for more information.

Table 2-2   Supported Database System for Database Server

Database System	FMS Version	
	9.0	**9.1**
Oracle 11g [1]	Yes	No
Oracle 12c – 12.2.0.1 [2]	Yes	Yes
Oracle 19c	No	Yes

[1] The Premier Support for Oracle Database 11g officially ended on January 2015. Oracle only provides Extended Support until December 2020.

[2] The Premier Support for Oracle Database 12.1 officially ended on July 2018. Oracle only provides Extended Support until July 2020 for non-Windows platform. The minimum Oracle Database version supported by SPMS is Oracle 12.2. Contact Oracle Premier Support for more information.

Web Server Technology

Table 2-3   Supported Operating System for Web Server

Operating System	FMS Version	
	9.0	**9.1**
Microsoft Windows Server 2012 x64 R2 [1]	Yes	Yes
Microsoft Windows Server 2016 x64	Yes	Yes
Microsoft Windows Server 2019 x64	No	Yes

[1] The minimum Windows Server version supported by FMS is Windows Server 2012 R2. Microsoft officially ended the support for Windows Server 2008 and 2008 R2 on January 14, 2020. See https://www.microsoft.com/en-us/cloud-platform/windows-server-2008 for more information.

Table 2-4   Supported Database Client for Web Server

Database Client	FMS Version	
	9.0	**9.1**
Oracle 12.2 – 12.2.0.1 [1]	Yes	Yes
Oracle 19c	No	Yes

[1] The Premier Support for Oracle Database 12.1 officially ended on July 2018. Oracle only provides Extended Support until July 2020 for non-Windows platform. The minimum Oracle Database version supported by SPMS is Oracle 12.2. Contact Oracle Premier Support for more information.

Application Client Technology

Table 2-5   Supported Operating System for Application Client

Operating System	FMS Version	
	9.0	**9.1**
Microsoft Windows 10 – Standard Edition [1]	Yes	Yes
Microsoft Windows Server 2016 x64	No	Yes
Microsoft Windows Server 2019 x64	No	Yes

[1] The minimum Windows Server version supported by FMS is Windows Server 2012 R2. Microsoft officially ended the support for Windows Server 2008 and 2008 R2 on January 14, 2020. See https://www.microsoft.com/en-us/cloud-platform/windows-server-2008 for more information.

Table 2-6   Supported Database Client for Application Client

Database Client	FMS Version	
	9.0	**9.1**
Oracle 12.2 – 12.2.0.1 [1]	Yes	Yes
Oracle 19c	No	Yes

[1] The Premier Support for Oracle Database 12.1 officially ended on the month of July 2018. Oracle provides Extended Support only for non-Windows platform until July 2022. Therefore, the minimum Oracle Database version supported by SPMS is Oracle 12.2. Contact Oracle Premier Support for more information.

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Dining Management System (DMS) Compatibility

Database Server Technology

Table 3-1   Supported Operating System for Database Server

Operating System [1]	Version
SilverWhere	**8.0.80 and Higher**
Microsoft Windows Server 2012 x64 R2 [2]	Yes
Microsoft Windows Server 2016 x64	Yes
Microsoft Windows Server 2019 x64	Yes
Oracle Linux 7	No
Meal Count System	**8.0.308 and higher**
Microsoft Windows Server 2012 x64 R2 [3]	Yes
Microsoft Windows Server 2016 x64	Yes
Microsoft Windows Server 2019 x64	No
Oracle Linux 7	No
Fine Dining System	**9.0.4.82**
Microsoft Windows Server 2012 x64 R2 [4]	Yes
Microsoft Windows Server 2016 x64	Yes
Microsoft Windows Server 2019 x64	No
Oracle Linux 7	No

[1] Only 64-bit version of Windows Server is supported. The Oracle Database only supports Windows x64.

[2] The minimum Windows Server version supported by SilverWhere is Windows Server 2012 R2. Microsoft officially ended the support for Windows Server 2008 and 2008 R2 on January 14, 2020. See https://www.microsoft.com/en-us/cloud-platform/windows-server-2008 for more information

[3] The minimum Windows Server version supported by Meal Count System is Windows Server 2012 R2. Microsoft officially ended the support for Windows Server 2008 and 2008 R2 on January 14, 2020. See https://www.microsoft.com/en-us/cloud-platform/windows-server-2008 for more information.

[4] The minimum Windows Server version supported by Fine Dining System is Windows Server 2012 R2. Microsoft officially ended the support for Windows Server 2008 and 2008 R2 on January 14, 2020. See https://www.microsoft.com/en-us/cloud-platform/windows-server-2008 for more information.

Table 3-2   Supported Database System for Database Server

Database System [1]	Version
SilverWhere	**8.0.80 and higher**
Oracle 12c – 12.2.0.1 [2]	Yes
Oracle 19c	Yes
Meal Count System	**8.0.308 and higher**
Oracle 12c – 12.2.0.1 [2]	Yes
Oracle 19c	Yes
Fine Dining System	**9.0.4.82**
Oracle 12c – 12.2.0.1 [2]	Yes
Oracle 19c	No

[1] Only 64-bit version of Windows Server is supported. The Oracle Database only supports Windows x64.

[2] The Premier Support for Oracle Database 12.1 officially ended on July 2018. Oracle only provides Extended Support until July 2020 for non-Windows platform. The minimum Oracle Database version supported by SPMS is Oracle 12.2. Contact Oracle Premier Support for more information.

Web Server Technology

Table 3-3   Supported Operating System for Web Server

Operating System	Version
SilverWhere	**8.0.80 and higher**
Microsoft Windows Server 2012 x64 R2 [1]	Yes
Microsoft Windows Server 2016 x64	Yes
Microsoft Windows Server 2019 x64	Yes

[1] The minimum Windows Server version supported by SilverWhere is Windows Server 2012 R2. Microsoft officially ended the support for Windows Server 2008 and 2008 R2 on January 14, 2020. See https://www.microsoft.com/en-us/cloud-platform/windows-server-2008 for more information.

Table 3-4   Supported Database Client for Web Server

Database Client	Version
SilverWhere	**8.0.80 and higher**
Oracle 12.2 – 12.2.0.1 [1,2]	Yes
Oracle 19c	Yes

[1] The Premier Support for Oracle Database 12.1 officially ended on July 2018. Oracle only provides Extended Support until July 2020 for non-Windows platform. The minimum Oracle Database version supported by SPMS is Oracle 12.2. Contact Oracle Premier Support for more information.

[2] For Oracle Database 12.2, Oracle officially support up to only Windows Server 2016 x64. Reference: Oracle Database 12.2 Requirements

Application Client Technology

Table 3-5   Supported Operating System for Application Client

Operating System	Version
SilverWhere	**8.0.80 and higher**
Microsoft Windows 10 – Standard Edition [1]	Yes

[1] Microsoft officially ended the support for Windows 8 on January 12, 2016. Therefore, the minimum Windows version supported by SilverWhere is Windows 10. Reference: https://support.microsoft.com/en-us/office/windows-8-end-of-support-and-office-34e28be4-1e4f-4928-b210-3f45d8215595

Table 3-6   Supported Database Client for Application Client

Database Client	Version
SilverWhere	**8.0.80 and higher**
Oracle 12.2 – 12.2.0.1 [1]	Yes
Oracle 19c	No

[1] The Premier Support for Oracle Database 12.1 officially ended on the month of July 2018. Oracle provides Extended Support only for non-Windows platform until July 2022. Therefore, the minimum Oracle Database version supported by SPMS is Oracle 12.2. Contact Oracle Premier Support for more information.