

# Oracle® Hospitality Cruise Compatibility Matrix



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Oracle Hospitality Cruise Compatibility Matrix,

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# 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	<ul style="list-style-type: none"> <li>• Initial publication.</li> </ul>
October 2020	<ul style="list-style-type: none"> <li>• Update to include Supported Peripherals Devices for Next-gen Web Applications.</li> </ul>
February 2021	<ul style="list-style-type: none"> <li>• Update to include support for OPI 20.3.</li> <li>• Update supported Operating System for FMS 9.1.</li> <li>• Updated compatibility for SilverWhere Product.</li> <li>• Added support for Evolis Primary Barcode Printing only.</li> </ul>

**Table 1 (Cont.) Revision History**

Date	Description of Change
July 2021	<ul style="list-style-type: none"> <li>• Update to include support for ENOAD Schema 3.7 from version 8.0.20, 20.1.1.3.2.</li> <li>• Added OMNIKEY 5022 RFID Reader for version 8.0.19 and version 20.1.</li> <li>• Added notation on MMS RPOS using SPMS OPI format.</li> <li>• Update to include Symphony 19.2 for version 8.0.21.</li> </ul>
September 2021	<ul style="list-style-type: none"> <li>• Update to include support for SPMS 20.2.</li> </ul>
December 2021	<ul style="list-style-type: none"> <li>• Update to include support for Linux 8.</li> <li>• Updated SPMS Application Client Technology to include Microsoft Windows Server 2016 and Microsoft Windows Server 2019.</li> </ul>
July 2022	<ul style="list-style-type: none"> <li>• Made minor grammatical changes.</li> </ul>
August 2022	<ul style="list-style-type: none"> <li>• Removed End-of-Life product from the compatibility list.</li> </ul>
September 2022	<ul style="list-style-type: none"> <li>• Update to include support for SPMS 20.3.0.</li> <li>• Update to include Symphony 19.3 for version 8.0.22, 20.2.2.</li> <li>• Update supported Operating System for FMS 9.1 and SPMS 20.2.0, 20.3.0.</li> </ul>
November 2022	<ul style="list-style-type: none"> <li>• Update to include support for SilverWhere 9.1.</li> <li>• Removed SPMS 19.1 references.</li> </ul>
January 2023	<ul style="list-style-type: none"> <li>• Updated the information for Peripherals for Desktop Thick Client for 20.3 on 3M™ AT9000MKII Passport Reader, DESKO Icon, and Fargo HDP5000.</li> <li>• Updated the Supported Product Suite Compatibility for SilverWhere 9.1.</li> </ul>
March 2023	<ul style="list-style-type: none"> <li>• Added notation on supported peripherals.</li> </ul>

# 1

## Shipboard Property Management System (SPMS) Compatibility

### Database Server Technology

**Table 1-1 Supported Operating System for Database Server**

Operating System <sup>1</sup>	SPMS Version			
	8.0	20.1	20.2	20.3
Microsoft Windows Server 2012 x64 R2 <sup>2</sup>	Yes	Yes	No	No
Microsoft Windows Server 2016 x64	Yes	Yes	Yes	Yes
Microsoft Windows Server 2019 x64	Yes	Yes	Yes	Yes
Microsoft Windows Server 2022 x64	No	No	Yes	Yes
Oracle Linux 7	Yes	Yes	Yes	Yes
Oracle Linux 8	Yes	No	Yes	Yes

<sup>1</sup> Only 64-bit version of Windows Server is supported, in conformity with Oracle Database requirements

<sup>2</sup> 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	20.1	20.2	20.3
Oracle 12.2 – 12.2.0.1 <sup>1,2</sup>	Yes	Yes	Yes	Yes
Oracle 19c	Yes	Yes	Yes	Yes

<sup>1</sup> 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.

<sup>2</sup> 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	20.1	20.2	20.3
Microsoft Windows Server 2012 x64 R2 <sup>1</sup>	Yes	Yes	No	No
Microsoft Windows Server 2016 x64	Yes	Yes	Yes	Yes
Microsoft Windows Server 2019 x64	Yes	Yes	Yes	Yes
Microsoft Windows Server 2022 x64	No	No	Yes	Yes

<sup>1</sup> 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	20.1	20.2	20.3
Oracle 12.2 – 12.2.0.1 <sup>1,2</sup>	Yes	Yes	Yes	Yes
Oracle 19c	Yes	Yes	Yes	Yes

<sup>1</sup> 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.

<sup>2</sup> 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	20.1	20.2	20.3
Microsoft Windows 10 – Pro <sup>1</sup>	Yes	Yes	Yes	Yes
Microsoft Windows Server 2016 x64	Yes	Yes	Yes	Yes
Microsoft Windows Server 2019 x64	Yes	Yes	Yes	Yes
Microsoft Windows 11 - Enterprise <sup>2</sup>	No	No	Yes	Yes

<sup>1</sup> 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>

<sup>2</sup> Not tested/verified with any 3rd party products.

**Table 1-6 Supported Database Client for Application Client**

Database Client	SPMS Version			
	8.0	20.1	20.2	20.3
Oracle 12.2 – 12.2.0.1 <sup>1</sup>	Yes	Yes	Yes	Yes
Oracle 19c	Yes	Yes	Yes	Yes

<sup>1</sup> 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	20.1	20.2	20.3
<b>Fleet Management System (FMS)</b>				
FMS 9 Suite	9.0.9.0 and Higher	9.0.9.0 and Higher	9.1.1.0 and Higher	9.1.1.0 and Higher
Sender / Receiver	8.2.2.100 7 and Higher	8.2.2.100 7 and Higher	9.1.1.0 and Higher	9.1.1.0 and Higher
<b>Dining Management System (DMS)</b>				
SilverWhere	8.0.80.0	8.0.80.0	8.0.80.0	8.0.80.0 and higher
Fine Dining System	9.0.4.82	No	No	No
Meal Count System	8.0.308	8.0.308	8.0.308	8.0.308
<b>SMART</b>				
iCrew	8.0	8.0	8.0	8.0
<b>ENOAD</b>				
Schema Version 3.6 <sup>1</sup>	Yes	Yes	No	No
Schema Version 3.7 <sup>2</sup>	Yes	Yes	Yes	Yes

<sup>1</sup> ENOAD Schema Version 3.6 was introduced in SPMS version 8.0.11.

<sup>2</sup> 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	20.1	20.2	20.3
<b>Simphony</b>				
2.7	Yes	No	No	No
2.8	Yes	No	No	No
2.9	Yes	No	No	No
2.10	Yes	No	No	No
18.2	Yes	Yes	Yes	Yes
19.1 <sup>1</sup>	Yes	Yes	Yes	Yes
19.2 <sup>2</sup>	Yes	No	Yes	Yes
19.3 <sup>3</sup>	Yes	No	Yes	Yes
<b>MICROS Point-of-Sale</b>				
3700 version 5.7 or later / ISL	1.30s	1.30s	1.30s	1.30s
<b>Oracle Payment Interface (OPI)</b>				
6.2	Yes	No	No	No
19.1	Yes	Yes	No	No
20.1	8.0.14 and Higher	Yes	No	No
20.2	8.0.14 and Higher	Yes	No	No
20.3	8.0.17 and Higher	Yes	Yes	Yes
20.3.0.5	8.0.17 and Higher	No	Yes	Yes

<sup>1</sup> Interface include Simphony Payment Integration (SPI)

<sup>2</sup> Support from SPMS 8.0.21

<sup>3</sup> Support from SPMS 8.0.22 and 20.2.2

## 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	20.1	20.2	20.3
<b>Passport Reader</b>				
3M AT9000 MKII	Yes	Yes	Yes	Yes
DESKO Icon Gen 1	Yes	Yes	Yes	Yes
DESKO Penta CKI Gen 4 (ArtNo: 3001647.0)	Yes	Yes	Yes	Yes
3M Rochford Thompson RTE 6700	Yes	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
<b>RFID Reader/Writer</b>				
OMNIKEY RFID 5427 Keyboard Emulation for ULC Card	Yes	Yes	Yes	Yes
OMNIKEY 5022 RFID Reader <sup>1</sup>	Yes	Yes	Yes	Yes
OBID CPR40.30-USB	Yes	Yes	Yes	Yes
SYRIS RD200	Yes	Yes	Yes	Yes
Evolis Primacy Barcode Printer <sup>2</sup>	Yes	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
FARGO HDP5000	Yes	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
Zebra ZXP Series 7	Yes	Yes <sup>3</sup>	Yes	Yes
Axess 600	Yes	Yes	Yes	Yes
<b>Barcode Scanner</b>				
Metrologic Barcode Scanner	Yes	Yes	Yes	Yes
<b>Signature Device</b>				
Signotec Omega	Yes	Yes	Yes	Yes

<sup>1</sup> Available from v8.0.19 and higher.

<sup>2</sup> Only support Barcode printing and magnetic encoding, RFID printing not supported.

<sup>3</sup> Peripherals were not able to be tested with this version, but were compatible with an earlier version.

**Table 1-10 Obsolete Peripherals Devices**

Obsolete Peripherals for SPMS Desktop Thick Client	SPMS Version		
	8.0	20.1	20.2
<b>ID Reader</b>			
ACS Smart Card Reader ACR 38	Yes	No	No
<b>RFID Reader/Writer</b>			
OMNIKEY RFID Reader 5321	Yes	Yes	Yes
OMNIKEY RFID Reader 6321	Yes	Yes	Yes
OMNIKEY 5021 RFID Reader	Yes	Yes	Yes
Evolis Pebble 4 (RFID)	Yes	Yes	Yes
Zebra ZXP Series 3	Yes	Yes	Yes
Axess 500	Yes	Yes	Yes

**Table 1-11 Supported Peripherals Devices for SPMS Next-Gen Web/ Mobile App**

Peripherals Devices for SPMS Next-Gen Web / Mobile Application	SPMS Version			
	8.0	20.1	20.2	20.3
<b>Tablets</b>				
MICROS 721	Yes	Yes	Yes	Yes
<b>Web Browsers</b>				
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 <a href="#">Oracle Software Web Browser Support Policy</a>				

# 2

## Fleet Management System (FMS) Compatibility

### Database Server Technology

**Table 2-1 Supported Operating System for Database Server**

Operating System <sup>1</sup>	FMS Version	
	9.0	9.1
Microsoft Windows Server 2012 x64 R2 <sup>2</sup>	Yes	Yes
Microsoft Windows Server 2016 x64	Yes	Yes
Microsoft Windows Server 2019 x64	No	Yes
Microsoft Windows Server 2022 x64	No	Yes
Oracle Linux 7	No	Yes
Oracle Linux 8	No	Yes

<sup>1</sup> Only 64-bit version of Windows Server is supported, in conformity with Oracle Database requirements

<sup>2</sup> 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 <sup>1</sup>	Yes	No
Oracle 12c – 12.2.0.1 <sup>2</sup>	Yes	Yes
Oracle 19c	No	Yes

<sup>1</sup> The Premier Support for Oracle Database 11g officially ended on January 2015. Oracle only provides Extended Support until December 2020.

<sup>2</sup> 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 <sup>1</sup>	Yes	Yes
Microsoft Windows Server 2016 x64	Yes	Yes
Microsoft Windows Server 2019 x64	No	Yes
Microsoft Windows Server 2022 x64	No	Yes

<sup>1</sup> 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 <sup>1</sup>	Yes	Yes
Oracle 19c	No	Yes

<sup>1</sup> 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 <sup>1</sup>	Yes	Yes
Microsoft Windows 11 – Enterprise	No	Yes
Microsoft Windows Server 2016 x64	No	Yes
Microsoft Windows Server 2019 x64	No	Yes
Microsoft Windows Server 2022 x64	No	Yes

<sup>1</sup> 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 <sup>1</sup>	Yes	Yes
Oracle 19c	No	Yes

<sup>1</sup> 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.

# 3

## Dining Management System (DMS) Compatibility

### Database Server Technology

**Table 3-1 Supported Operating System for Database Server**

Operating System <sup>1</sup>	Version	
<b>SilverWhere</b>	<b>8.0.80</b>	<b>9.1</b>
Microsoft Windows Server 2012 x64 R2 <sup>2</sup>	Yes	No
Microsoft Windows Server 2016 x64	Yes	Yes
Microsoft Windows Server 2019 x64	Yes	Yes
Microsoft Windows Server 2022 x64	No	Yes
Oracle Linux 7	Yes	No
Oracle Linux 8	Yes	Yes
<b>Meal Count System</b>	<b>8.0.308</b>	
Microsoft Windows Server 2012 x64 R2 <sup>3</sup>	Yes	
Microsoft Windows Server 2016 x64	Yes	
Microsoft Windows Server 2019 x64	No	
Oracle Linux 7	No	
<b>Fine Dining System</b>	<b>9.0.4.82</b>	
Microsoft Windows Server 2012 x64 R2 <sup>4</sup>	Yes	
Microsoft Windows Server 2016 x64	Yes	
Microsoft Windows Server 2019 x64	No	
Oracle Linux 7	No	

<sup>1</sup> Only 64-bit version of Windows Server is supported. The Oracle Database only supports Windows x64.

<sup>2</sup> 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

<sup>3</sup> 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.

<sup>4</sup> 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 <sup>1</sup>	Version	
<b>SilverWhere</b>	<b>8.0.80</b>	<b>9.1</b>
Oracle 12c – 12.2.0.1 <sup>2</sup>	Yes	Yes
Oracle 19c	Yes	Yes
<b>Meal Count System</b>	<b>8.0.308</b>	
Oracle 12c – 12.2.0.1 <sup>2</sup>	Yes	
Oracle 19c	Yes	
<b>Fine Dining System</b>	<b>9.0.4.82</b>	
Oracle 12c – 12.2.0.1 <sup>2</sup>	Yes	
Oracle 19c	No	

<sup>1</sup> Only 64-bit version of Windows Server is supported. The Oracle Database only supports Windows x64.

<sup>2</sup> 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	
<b>SilverWhere</b>	<b>8.0.80</b>	<b>9.1</b>
Microsoft Windows Server 2012 x64 R2 <sup>1</sup>	Yes	No
Microsoft Windows Server 2016 x64	Yes	Yes
Microsoft Windows Server 2019 x64	Yes	Yes
Microsoft Windows Server 2022 x64	No	Yes

<sup>1</sup> 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	
<b>SilverWhere</b>	<b>8.0.80</b>	<b>9.1</b>
Oracle 12.2 – 12.2.0.1 <sup>1,2</sup>	Yes	Yes
Oracle 19c	Yes	Yes

<sup>1</sup> 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.



<sup>2</sup> 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 <sup>1</sup>	Version	
<b>SilverWhere</b>	<b>8.0.80</b>	<b>9.1</b>
Microsoft Windows 10	Yes	Yes
Microsoft Windows 11	No	Yes

<sup>1</sup> 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	
<b>SilverWhere</b>	<b>8.0.80</b>	<b>9.1</b>
Oracle 12.2 – 12.2.0.1 <sup>1</sup>	Yes	Yes
Oracle 19c	Yes	Yes

<sup>1</sup> 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.