

Oracle® Hospitality Suite8
System Requirements
Release Update for 8.12.0 and higher
E99828-01

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Preface

Audience

This guide to system requirements is intended for installers, technical support teams, product specialists, and others who are responsible for setting up Oracle Hospitality Suite8.

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
- Screen shots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at

<http://docs.oracle.com>

Revision History

Date	Description of Change
May, 2008	<ul style="list-style-type: none">• Updated for Version 8.7
June, 2008	<ul style="list-style-type: none">• Updated for Version 8.7.3.1
May, 2009	<ul style="list-style-type: none">• Updates for Version 8.8
Sept, 2010	<ul style="list-style-type: none">• Updates for Oracle 11gR1
Oct, 2011	<ul style="list-style-type: none">• Updates for Oracle 11gR2
Oct, 2012	<ul style="list-style-type: none">• Updates for Windows 64-bit
Nov, 2012	<ul style="list-style-type: none">• Updates for Fidelio webSuite
May, 2013	<ul style="list-style-type: none">• Updates for Fidelio webSuite• Updates for Oracle 10gR2• Updates for CRS
January, 2014	<ul style="list-style-type: none">• Update for Windows XP• Update for Windows 8 / 8.1• Update for XML Interface
July, 2014	<ul style="list-style-type: none">• Update for Windows Server 2012 R1• Update for Oracle 12cR1 (12.1.0.1)
October, 2014	<ul style="list-style-type: none">• Update for Windows Server 2012 R2• Update for Oracle 12cR1 (12.1.0.2)
May, 2016	<ul style="list-style-type: none">• Update for Windows 10

Date	Description of Change
March, 2018	<ul style="list-style-type: none"><li data-bbox="738 259 1257 315">• Update of title to be valid for 8.10.2 and higher versions
May, 2018	<ul style="list-style-type: none"><li data-bbox="738 342 1074 365">• Update for Point-of-Sale
August, 2018	<ul style="list-style-type: none"><li data-bbox="738 383 1126 405">• Update for 8.12.0 and higher

1 Suite8 System Requirements

Overview

These recommendations have been prepared by Oracle Hospitality and may have to be adapted to meet local systems requirements. However, Oracle Hospitality can only support your installation if these recommendations and requirements are fulfilled, or exceeded in the systems design.

Any assistance or troubleshooting for systems not meeting these requirements may be chargeable to the customer.

It is not possible for Oracle Hospitality to support or maintain servers installed in languages other than English.

It is not possible for Oracle Hospitality to remotely support or maintain systems without a proper support connection as specified in the document RAP-EAME_en.

Fulfilling the MINIMUM system requirements guarantees that the user can complete the main tasks of the application in a stable manner and with acceptable performance. However, with MINIMUM systems there is no additional headroom for rush hour performance peak prevention, additional services or later upgrading or up-scaling, and there is no capability for system redundancy or high availability.

Oracle Hospitality's RECOMMENDED environment is a Best Practice solution based on our many years of experience, our working partnership with the hotel business and our many thousands of hotel installations.

This environment is more complex, but offers increased stability, more data security and higher availability.

This document caters for installations of up to 50 concurrent users. Larger systems with more than 50 concurrent database connections, will have to be custom designed to meet the specific requirements of the large site customer and will not be covered in this document. Please contact the local Oracle Hospitality sales staff for consulting and project specific systems design.

Suite8 System Environment Basics

To guarantee top performance, Oracle based installations require a well-managed IT environment, including the local network, where applicable the wide area network and careful adherence to the technical requirements.

Main components server configuration

- CPU (Type, Frequency and number of processor cores)
- RAM (Memory)
- Storage (Quantity, Size, Access speed and Raid level)

Server configuration dependencies

- Property Type (City, Resort, Business, Conference Hotel)
- Number of Suite8 Users
- Interfaces (including CRS*)
- Additional Access to the data base server (MFPOS Suite8, Materials Control)
- Number of Rooms (DB-Size)

The database server and oracle services are needed 24x7, therefore it is crucial that the databases can be backed up with the oracle agents during the running operation. Oracle Hospitality supports and prefers Symantec Backup Exec with the corresponding agents for backing up the archive-enabled database online. However, if a different backup system is used the support and responsibility lies with each property.

Note: Based on the experience of previous installations of PMS (Front Office) and CCM (Sales & Catering), Oracle Hospitality can make recommendation for systems running only these products.

Should other products be run on the same servers, for example Materials Control, MFPOS or Back Office Systems, these would have to be considered separately and would result in an upgraded specification.

User calculation for server sizing

Increases of staff involving additional workstations should be taken into consideration at this planning stage. Any forthcoming increases (1-12 months) should be reflected in the specification for the server at the start. Medium and long term changes (13-60 months) should be taken into consideration when selecting the basic platform so that this may be upgraded as necessary to meet the changing needs of the customers' business.

2 Suite8 Server Environment

MINIMUM System Requirements

- Suite8 on Oracle 9i **Product is End-of Life (July 2010)**
- Suite8 on Oracle 10g **Product is End-of Life (July 2013)**
(<http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf>)

Table 1 - Suite8 on Oracle 11gR1 (Note 3) Minimum Server Hardware Specifications

WINDOWS SERVER 2003 Standard R2 SP2 ENGLISH x86 or x86_64, WINDOWS SERVER 2008 Standard R1 SP1 ENGLISH x86 or x86_64

Max V8 Users (Note 1)	<5	5 - 10	10 - 20	21 - 50
CPU Cores	1	1	2	4
Memory	4GB (x86)	4GB (x86)	4GB (x86, x86_64)	4GB (x86) 6GB (x86_64)
HD Configuration (Note 2)	2 x 72GB	4 x 72GB	6 x 72GB	8 x 72GB

Table 2 - Suite8 on Oracle 11gR2 (Note 3) Minimum Server Hardware Specifications

WINDOWS SERVER 2003 Standard R2 SP2 ENGLISH x86_64, WINDOWS SERVER 2008 Standard R1 SP1 ENGLISH x86_64, WINDOWS SERVER 2008 Standard R2 ENGLISH x86_64

Max V8 Users (Note 1)	<5	5 - 10	10 - 20	21 - 50
CPU Cores	1	1	2	4
Memory	6GB (x86_64)	8GB (x86_64)	10GB (x86_64)	12GB (x86_64)
HD Configuration (Note 2)	2 x 72GB	4 x 72GB	6 x 72GB	8 x 72GB

Table 3 - Suite8 on Oracle 12cR1 (Note 4) Minimum Server Hardware Specifications

WINDOWS SERVER 2008 Standard R2 ENGLISH x86_64, WINDOWS SERVER 2012 R1/R2 Standard ENGLISH x86_64

Max V8 Users (Note 1)	<5	5 - 10	10 - 20	21 - 50
CPU Cores	2	2	4	6
Memory	8GB (x86_64)	12GB (x86_64)	16GB (x86_64)	20GB (x86_64)
HD Configuration (Note 2)	2 x 146GB	4 x 146GB	6 x 146GB	8 x 146GB

General Note: All configurations above 50 concurrent connections have to be designed specially in cooperation with the responsible Oracle Hospitality consulting staff.

Note 1: The number of users is the sum of ALL CONCURRENT USER CONNECTIONS including interfaces and third party applications using the database.

Note 2: Raid Level 0, 1 and 1+0 are the supported array configurations. The number of disks is important for concurrent users, the more disks that are used, the faster access and performance. Raid Level 5 or 6 is not supported by Oracle. **We recommend to use Ultra-3 SCSI disks** with 15k RPM. The Ultra 3 SCSI-controller should have read/write cache.

Note 3: Oracle 9i is not recommended anymore since Version 8.8.0.0 or higher. Oracle 9i and Oracle 10g are not supported by ORACLE, because these versions are "End-of-Life" - but still supported by Oracle Hospitality.

Note 4: Oracle 12cR1 is supported on the following operating systems: Windows Server 2008 R2 x64, WINDOWS SERVER 2012 R1/R2 x64, Windows 7 x64, Windows 8 x64, Windows 8.1 x64, Windows 10 x64, WINDOWS SERVER 2012 R1/R2 x64 with Hyper-V.

- Oracle 11g Release 2 (11.2.0.4)/Oracle 12c Release 1 (12.1.0.1/12.1.0.2) for the database installation (64bit) and client installation (32bit) has to be used.
- It is imperatively required to install Oracle Database 11gR2 with the parameter setting 'compatible=10.2.0.4' and 'optimizer_features_enable=10.2.0.4'

We highly recommend using Windows 64-bit OS for the database server installation.

RECOMMENDED System Requirements

- Suite8 on Oracle 9i **Product is End-of Life: (July 2010)**
- Suite8 on Oracle 10g **Product is End-of Life: (July 2013)**
(<http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf>)

Table 4 - Suite8 on Oracle 11gR1 (Note 5) Recommended Server Hardware Specifications

WINDOWS SERVER 2003 Standard R2 SP2 ENGLISH or x86_64, WINDOWS SERVER 2008 Standard R1 SP1 ENGLISH or x86_64

Max V8 Users (Note 1)	<10	10 - 20	21 - 50
CPU Cores (Note 2)	2	2	4
Memory (Note 3)	6GB (x86_64)	6GB (x86_64)	8GB (x86_64)
HD Configuration (Note 4)	4 x 146GB	6 x 146GB	8 x 146GB

Table 5 - Suite8 on Oracle 11gR2 (Note 5) Recommended Server Hardware Specifications

WINDOWS SERVER 2003 Standard R2 SP2 ENGLISH x86_64, WINDOWS SERVER 2008 Standard R1 SP1 ENGLISH x86_64, WINDOWS SERVER 2008 Standard R2 ENGLISH x86_64

Max V8 Users (Note 1)	<10	10 - 20	21 - 50
CPU Cores (Note 2)	2	2	4
Memory (Note 3)	8GB (x86_64)	10GB (x86_64)	12GB (x86_64)
HD Configuration (Note 4)	4 x 146GB	6 x 146GB	8 x 146GB

Table 6 - Suite8 on Oracle 12cR1 (Note 6) Recommended Server Hardware Specifications

WINDOWS SERVER 2008 Standard R2 ENGLISH x86_64, WINDOWS SERVER 2012 R1/R2 Standard ENGLISH x86_64

Max V8 Users (Note 1)	<10	10 - 20	21 - 50
CPU Cores	4	6	8
Memory	16GB (x86_64)	20GB (x86_64)	24GB (x86_64)
HD Configuration (Note 4)	4 x 146GB	6 x 146GB	8 x 146GB

General Note: All configurations above 50 concurrent connections have to be designed specially in cooperation with the responsible Oracle Hospitality consulting staff.

Note 1: The number of users is the sum of ALL CONCURRENT USER CONNECTIONS including interfaces and third party applications using the database.

Note 2: See the performance details of different CPU types to decide if single-core or multi-core, Intel or AMD CPU have to be used.

Note 3: Proper OS selection needed to support the specified amount of memory.

Note 4: Raid Level 0, 1 and 1+0 are the supported array configurations. The number of disks is important for concurrent users, the more disks that are used, the faster access and performance. Raid Level 5 or 6 is not supported by Oracle. **We recommend to use Ultra-3 SCSI disks** with 10k RPM or 15k RPM. The Ultra 3 SCSI-controller should have read/write cache.

Note 5: Oracle 9i is not recommended anymore since Version 8.8.0.0 or higher. Oracle 9i and Oracle 10g are not supported by ORACLE, because these versions are "**End-of-Life**" - but still supported by Oracle Hospitality.

Note 6: Oracle 12cR1 is supported on the following operating systems: Windows Server 2008 R2 x64, WINDOWS SERVER 2012 R1/R2 x64, Windows 7 x64, Windows 8 x64, Windows 8.1 x64, Windows 10 x64, WINDOWS SERVER 2012 R1/R2 x64 with Hyper-V.

- Oracle 11g Release 2 (11.2.0.4)/Oracle 12c Release 1 (12.1.0.1/12.1.0.2) for the database installation (64bit) and client installation (32bit) has to be used.
- It is imperatively required to install Oracle Database 11gR2 with the parameter setting 'compatible=10.2.0.4' and 'optimizer_features_enable=10.2.0.4'.

We highly recommend to use Windows 64-bit OS for the database server installation.

3 Suite8 Client Environment

MINIMUM System Requirements

- Windows XP - Product is End-of Life: (April 2014)
- Windows 8 - Product is End-of Life: (January 2016)

Table 7 - Suite8 Client Minimum Hardware and OS Specifications

Client Type	WinVista	Win7	Win8.1 / Win10
	Client (x86 not tested)	Client (x86, x86_64)	Client (x86, x86_64)
	User	User	User
CPU Core	1	1	1
Memory	2GB	2GB	3GB
HD Free Space	>20GB	>20GB	>20GB

Note: With the minimum configuration of a workstation, only one Suite8 application can be used. If more than one Suite8 module and other additional applications are used concurrently, a higher specification client type is required. When using applications with high memory usage, additional RAM is needed.

We recommend to use Windows 64-bit OS for the Client installation.

RECOMMENDED System Requirements

- Windows XP - Product is End-of Life: (April 2014)
- Windows 8 - Product is End-of Life: (January 2016)

Table 8 - Suite8 Client Recommended Hardware and OS Specifications

Client Type	WinVista	Win7	Win8.1 / Win10
	Client (x86 not tested)	Client (x86, x86_64)	Client (x86, x86_64)
	User	User	User
CPU Core2	1	1	1
Memory	3GB	3GB (x86) 4GB (x86_64)	3GB (x86) 4GB (x86_64)
HD Free Space	>20GB	>30GB	>30GB

Note: With the recommended configuration of a workstation, one Suite8 application and basic additional applications (i.e. one Office-Module, Outlook or Internet Explorer) can be used. If more than one Suite8 module or other additional applications are used concurrently, it is recommended to use a higher specification workstation. When using applications with high memory usage, additional RAM is needed.

We recommend to use Windows 64-bit OS for the Client installation.

4 Suite8 Interface Environment

MINIMUM System Requirements

- Windows XP - Product is End-of Life: (April 2014)
- Windows 8 - Product is End-of Life: (January 2016)

Table 9 - Suite8 Interface Workstation Minimum Hardware and OS Specifications

Client Type	WinVista IFC (x86)	Win7 IFC (x86, x86_64)	Win7 (x86, x86_64) FidelioServer / Online-IFC	Win8.1 IFC / Win10 IFC (x86, x86_64)
CPU Core2	1	1	1	1
Memory	2GB	2GB	2GB	3GB
HD Free Space	>20GB	>20GB	>20GB	>20GB

Note 1: With the minimum configuration of a workstation, only one Suite8 application can be used. If more than one Suite8 module and other additional applications are used concurrently, a higher specification client type is required. When using applications with high memory usage, additional RAM is needed.

Note 2: Oracle 11g Release 2 (11.2.0.4) for client installation (32bit) has to be used. Oracle 12c Release 1 (12.1.0.1) for client installation is not supported for IFC8/MFPOS8.

RECOMMENDED System Requirements

- Windows XP - Product is End-of Life: (April 2014)
- Windows 8 - Product is End-of Life: (January 2016)

Table 10 - Suite8 Interface Workstation Recommended Hardware and OS Specifications

Client Type	WinVista IFC (x86)	Win7 IFC (x86, x86_64)	Win7 (x86, x86_64) FidelioServer / Online-IFC	Win8.1 IFC / Win10 IFC (x86, x86_64)
CPU Core2	1	1	1	1
Memory	3GB	3GB (x86) 4GB (x86_64)	3GB (x86) 4GB (x86_64)	3GB (x86) 4GB (x86_64)
HD Free Space	>20GB	>20GB	>20GB	>20GB

Note 1: With the recommended configuration of a workstation, one Suite8 application and basic additional applications (i.e. one Office-Module, Outlook or Internet Explorer) can be used. If more than one Suite8 module or other additional applications are used concurrently, it is recommended to use a higher specification workstation. When using applications with high memory usage, additional RAM is needed.

Note 2: Oracle 11g Release 2 (11.2.0.4) for client installation (32bit) has to be used. Oracle 12c Release 1 (12.1.0.1) for client installation is not supported for IFC8/MFPOS8.

5 WebSuite Environment

MINIMUM System Requirements

- Windows XP - Product is End-of Life: (April 2014)
- Windows 8 - Product is End-of Life: (January 2016)

Table 11 - WebSuite Workstation Minimum Hardware and OS Specifications

Client Type	WinVista (x86, x86_64)	Win7 (x86, x86_64)	Win8.1 / Win10 (x86, x86_64)
CPU Core2	1	1	1
Memory	2GB	2GB	2GB
HD Free Space	>20GB	>20GB	>20GB

RECOMMENDED System Requirements

- Windows XP - Product is End-of Life: (April 2014)
- Windows 8 - Product is End-of Life: (January 2016)

Table 12 - WebSuite Workstation Recommended Hardware and OS Specifications

Client Type	WinVista (x86, x86_64)	Win7 (x86, x86_64)	Win8.1 / Win10 (x86, x86_64)
CPU Core2	1	1	1
Memory	3GB	2GB	3GB (x86) 4GB (x86_64)
HD Free Space	>20GB	>20GB	>20GB

General Note: With the minimum configuration, only the WebSuite application can be run. If more Oracle Hospitality modules or other additional applications are used concurrently, then a higher specification client type is required. When using applications with high memory usage, additional RAM is needed.

Note 1: To run the WebSuite application the latest release of Firefox Browser is required (<http://www.mozilla.org/en-US/firefox>).

Note 2: To run the WebSuite application a minimum internet bandwidth with 2Mbps download and 1Mbps upload is required.

Note 3: To run the WebSuite application a screen resolution of 1360x768 or higher is required

6 Suite8 XML Interface/Fidelio Server

MINIMUM System Requirements

- Windows XP - Product is End-of Life: (April 2014)
- Windows 8 - Product is End-of Life: (January 2016)

Table 13 - Suite8 XML Interface/Fidelio Server Minimum Hardware and OS Specifications

Client Type	Win7 (x86, x86_64)	Windows Server OS (x86, x86_64)	Win8.1 / Win10 (x86, x86_64)
CPU Core2	1	1	1
Memory	2GB (x86) 3GB (x86_64)	3GB (x86) 4GB (x86_64)	3GB (x86) 4GB (x86_64)
HD Free Space	>50GB	>50GB	>50GB

RECOMMENDED System Requirements

- Windows XP - Product is End-of Life: (April 2014)
- Windows 8 - Product is End-of Life: (January 2016)

Table 14 - Suite8 CRS XML Interface/Fidelio Server Recommended Hardware and OS Specifications

Client Type	Win7 (x86, x86_64)	Windows Server OS (x86, x86_64)	Win8.1 / Win10 (x86, x86_64)
CPU Core2	1	1	1
Memory	3GB (x86) 6GB (x86_64)	4GB (x86) 6GB (x86_64)	3GB (x86) 6GB (x86_64)
HD Free Space	>50GB	>50GB	>50GB

General Note: All configurations above 20 concurrent connections have to be designed specially in cooperation with the responsible Oracle Hospitality consulting staff.

Note 1: With the minimum configuration, only one XML Interface and one Fidelio Server can be run.

Note 2: For high XML Interface traffic we recommend to use Windows Server Operating System.

7 Suite8 CRS Server Environment

MINIMUM System Requirements

- Suite8 on Oracle 9i **Product is End-of Life: (July 2010)**
- Suite8 on Oracle 10g **Product is End-of Life: (July 2013)**
(<http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf>)
- Suite8 on Oracle 11gR1 **Product not recommended**

Table 15 - Suite8 on Oracle 11gR2 (Note 3) Minimum Server Hardware Specifications

WINDOWS SERVER 2003 Standard R2 SP2 ENGLISH x86_64, WINDOWS SERVER 2008 Standard R1 SP1 ENGLISH x86_64, WINDOWS SERVER 2008 Standard R2 ENGLISH x86_64

Max Hotels	- 10	11 - 20
CPU Cores (Note 2)	2	4
Memory	6GB (x86_64)	8GB (x86_64)
HD Configuration (Note 1)	8 x 146GB	10 x 146GB

Table 16 - Suite8 on Oracle 12cR1 (Note 4) Minimum Server Hardware Specifications

WINDOWS SERVER 2008 Standard R2 ENGLISH x86_64, WINDOWS SERVER 2012 R1/R2 Standard ENGLISH x86_64

Max Hotels	- 10	11 - 20
CPU Cores (Note 2)	4	6
Memory	16GB (x86_64)	20GB (x86_64)
HD Configuration (Note 1)	8 x 146GB	10 x 146GB

General Note: All configurations above 20 concurrent hotels have to be designed specially in cooperation with the responsible Oracle Hospitality consulting staff.

Note 1: Raid Level 0, 1 and 1+0 are the supported array configurations. The number of disks is important for concurrent users, the more disks that are used, the faster access and performance. Raid Level 5 or 6 is not supported by Oracle. We recommend to use Ultra-3 SCSI disks with 10k RPM or 15k RPM. The Ultra 3 SCSI-controller should have read/write cache.

Note 2: See the performance details of different CPU types to decide if single-core or multi-core, 64bit Intel or AMD CPU have to be used.

Note 3: Oracle 9i and Oracle 10g are not supported by ORACLE, because these versions are "End-of-Life". Oracle 11gR1 is not recommended.

Note 4: Oracle 12cR1 is supported on the following operating systems: Windows Server 2008 R2 x64, WINDOWS SERVER 2012 R1/R2 x64, Windows 7 x64, Windows 8 x64, Windows 8.1 x64, Windows 10 x64, WINDOWS SERVER 2012 R1/R2 x64 with Hyper-V.

- Oracle 11g Release 2 (11.2.0.4)/Oracle 12c Release 1 (12.1.0.1/12.1.0.2) for the database installation (64bit) and client installation (32bit) has to be used.
- It is imperatively required to install Oracle 11gR2 Database with the parameter setting 'compatible=10.2.0.4' and 'optimizer_features_enable=10.2.0.4'

We recommend to use Windows 64-bit OS for the database server installation.

RECOMMENDED System Requirements

- Suite8 on Oracle 9i **Product is End-of Life: (July 2010)**
- Suite8 on Oracle 10g **Product is End-of Life: (July 2013)**
(<http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf>)
- Suite8 on Oracle 11gR1 **Product not recommended**

Table 17 - Suite8 on Oracle 11gR2 (Note 5) Recommended Server Hardware Specifications

WINDOWS SERVER 2003 Standard R2 SP2 ENGLISH x86_64, WINDOWS SERVER 2008 Standard R1 SP1 ENGLISH x86_64, WINDOWS SERVER 2008 Standard R2 ENGLISH x86_64

Max Hotels	- 10	11 - 20
CPU Cores (Note 2)	2	4
Memory	12GB (x86_64)	16GB (x86_64)
HD Configuration (Note 1)	12 x 146GB	16 x 146GB

Table 18 - Suite8 on Oracle 12cR1 (Note 5) Recommended Server Hardware Specifications

WINDOWS SERVER 2008 Standard R2 ENGLISH x86_64, WINDOWS SERVER 2012 R1/R2 Standard ENGLISH x86_64

Max Hotels	- 10	11 - 20
CPU Cores (Note 2)	4	6
Memory	16GB (x86_64)	24GB (x86_64)
HD Configuration (Note 1)	12 x 146GB	16 x 146GB

General Note: All configurations above 20 concurrent hotels have to be designed specially in cooperation with the responsible Oracle Hospitality consulting staff.

Note 1: Raid Level 0, 1 and 1+0 are the supported array configurations. The number of disks is important for concurrent users, the more disks that are used, the faster access and performance. Raid Level 5 or 6 is not supported by Oracle. **We recommend to use Ultra-3 SCSI disks** with 10k RPM or 15k RPM. The Ultra 3 SCSI-controller should have read/write cache.

Note 2: See the performance details of different CPU types to decide if single-core or multi-core, 64bit Intel or AMD CPU have to be used.

Note 3: Proper OS selection needed to support the specified amount of memory.

Note 4: Oracle 9i and Oracle 10g are not supported by ORACLE, because these versions are "End-of-Life". Oracle 11gR1 is not recommended.

Note 5: Oracle 12cR1 is supported on the following operating systems:
Windows Server 2008 R2 x64, WINDOWS SERVER 2012 R1/R2 x64,
Windows 7 x64, Windows 8 x64, Windows 8.1 x64, Windows 10
x64, WINDOWS SERVER 2012 R1/R2 x64 with Hyper-V

- Oracle 11g Release 2 (11.2.0.4)/Oracle 12c Release 1 (12.1.0.1/12.1.0.2) for the database installation (64bit) client installation (32bit) has to be used.
- It is imperatively required to install Oracle 11gR2 Database with the parameter setting '**compatible=10.2.0.4**' and '**optimizer_features_enable=10.2.0.4**'

We recommend to use Windows 64-bit OS for the database server installation.

8 Suite8 CRS XML Interface/Fidelio Server

MINIMUM System Requirements

- Windows XP - **Product is End-of Life: (April 2014)**
- Windows 8 - **Product is End-of Life: (January 2016)**

Table 19 - Suite8 CRS XML Interface/Fidelio Server Minimum Hardware and OS Specifications

Client Type	Win7 (x86, x86_64)	Windows Server OS (x86, x86_64)	Win8.1 / Win10 (x86, x86_64)
CPU Core2	1	1	1
Memory	2GB (x86) 3GB (x86_64)	3GB (x86) 4GB (x86_64)	3GB (x86) 4GB (x86_64)
HD Free Space	>50GB	>50GB	>50GB

RECOMMENDED System Requirements

- Windows XP - **Product is End-of Life: (April 2014)**
- Windows 8 - **Product is End-of Life: (January 2016)**

Table 20 - Suite8 CRS XML Interface/Fidelio Server Recommended Hardware and OS Specifications

Client Type	Win7 (x86, x86_64)	Windows Server OS (x86, x86_64)	Win8.1 / Win10 (x86, x86_64)
CPU Core2	1	1	1
Memory	3GB (x86) 6GB (x86_64)	4GB (x86) 6GB (x86_64)	3GB (x86) 6GB (x86_64)
HD Free Space	>50GB	>50GB	>50GB

General Note: All configurations above 20 concurrent connections have to be designed specially in cooperation with the responsible Oracle Hospitality consulting staff.

Note 1: With the minimum configuration, only one XML Interface and one Fidelio Server for 4 concurrently Hotels can be run. If more Hotels are used concurrently, then a separate XML Interface and Fidelio Server are required.

Note 2: For high XML Interface traffic we recommend to use Windows Server Operating System.

Note 3: For the Master Hotel XML we recommend to use Windows Server Operating System.

9 Suite8 Point-of-Sale Client Environment

- Windows XP - **Product is End-of Life: (April 2014)**
- Windows 8 - **Product is End-of Life: (January 2016)**

Point-of-Sale Workstation

MINIMUM System Requirements

- 15" ELO-Touch
- Intel Atom N450 Processor or Intel Core i5
- Windows 7 Pro
- 128 GB 2,5" SSD Hard Drive or SATA II
- 4 GB RAM
- Build in Swipe Card Reader

RECOMMENDED System Requirements

Table 21- Suite8 Point-of-Sale Client Environment Workstation Requirement

MICROS Workstation	Requirements
Oracle MICROS Workstation 620 (<u>Preferred</u>)	<ul style="list-style-type: none">▪ 1 Celeron processor▪ 4 GB RAM, 128 GB SSD, MSR▪ 15.6" wide-screen full high-definition (1920 x 1080) display▪ Windows 10 IoT Enterprise.▪ Adjustable stand with mounting options for high or low mount customer display for Oracle MICROS Workstation 6 Series
Oracle MICROS Workstation 650 (<u>Preferred</u>)	<ul style="list-style-type: none">▪ 1 Core i5 ULT dual-core processor▪ 8 GB RAM, 256 GB SSD, MSR▪ 15.6" wide-screen full high-definition (1920 x 1080) display▪ Windows 10 IoT Enterprise.▪ Adjustable stand with mounting options for high or low mount customer display for Oracle MICROS Workstation 6 Series

Suite8 XML Interface for Property Point-of-Sale Mobile Environment

7 inch Tablet with Android 5.0 (Lollipop or higher).

RECOMMENDED System Requirements

Table 22- Suite8 XML Interface for Property Point-of-Sale Mobile Environment

Model	Requirements
Samsung Galaxy Tab A7	<ul style="list-style-type: none"> ▪ 1.3 GHz Snapdragon 410 Quad-Core Chipset, 1.5 GB RAM ▪ Storage 8GB (expandable up to 256GB) ▪ 7 Inch IPS-Display with 1280 x 800 Resolution ▪ Camera Rear - 5 MP Front - 2 MP ▪ Operating System Android 5.1 Lollipop ▪ Battery Life 11 hours ▪ Weight 0.95 lbs
Lenovo Tab 7 Essential	<ul style="list-style-type: none"> ▪ 1.3 GHz Mediatek MT8161 Quad-Core Processor, 1 GB RAM ▪ Storage 16 GB (expandable up to 32GB) ▪ 7 Inch IPS LCD with 1024 x 600 Resolution ▪ Camera Rear - 5 MP Front - 2 MP ▪ Operating System Android 7.0 Nougat ▪ Battery Life 9 hours ▪ Weight 0.51 lbs ▪ Plus charging stand, e.g. ▪ Belkin PowerHouse Micro-USB Dock XL

Suite8 XML Interface for Property Point-of-Sale Mobile Environment:

For up to 10 Tablets a separate XML IFC is necessary
Please refer to [Suite8 XML Interface/Fidelio Server](#).

RECOMMENDED Printers

Table 23- Suite8 Point-of-Sale Client Environment Recommended Printers

Printer	Requirements
Printers with ESC/POS protocol and Ethernet Interface	<ul style="list-style-type: none"> ▪ EPSON units ▪ EPSON TM-T 88 V with Ethernet (Thermal Transfer Printer) ▪ EPSON TM-J7000/7100 with Ethernet (Inkjet printing, slip and receipt) ▪ EPSON TM-U230 with Ethernet (Two color impact printer - our recommendation as kitchen printer) ▪ EPSON TM-H6000 IV with Ethernet (Thermal receipt, 9-dot matrix impact slip printer)
Bixolon Units	<ul style="list-style-type: none"> ▪ SRP 350 III (Thermal receipt, Ethernet only) ▪ SRP-270 (Two color impact printer - kitchen printer)

For Point-of-Sales mobile

Only WiFi-Printers with Windows Printer drivers will be supported.

Recommended mobile printers

Bixolon SPP-R410 WiFi

Epson TM-P20 WiFi

Accessories like pouches should be available for the latter 2.

10 Infrastructure Requirements

The following components and prerequisites have to be provided and complied by the property:

Table 24 - Components and prerequisites

Topic	Minimum	Recommended
Network	CAT 5/6/7 Network with 100Mbit	1000Mbit
Switch Ports	1 free port on switch for server	3 free ports on switch for server 2 for teamed data NICs 1 for ILO connection
Backup	Daily backup to tape device or disk	Daily backup plus archive log backup several times per day.
Backup Software	Should support hot Oracle backup	Should support hot Oracle backup by using Oracle's RMAN utility.
Printers	HP LaserJet compatible	HP LaserJet printers
Availability		Medium-level high availability solution (MF-Hot Backup).
IP Addressing		Oracle Hospitality compatible IP Infrastructure.
Binding		Communication binding with corresponding specifications for Hotel Connector Solutions.
Domain		Windows Domain with functional DNS solution in the entire network.
Domain Controller		Separate domain controller to run ADS authentication, DNS, DHCP and file and print services.

Additional Documents and Information

You will find additional information about the Oracle Hospitality environment in different documents released by the specific departments.

If you plan or design an Oracle Hospitality compatible network and application infrastructure please be aware of the following very important documents:

- Operating System Compatibility Matrix
- Application Release Information
- Networking Policy
- Remote Access Policy
- Requirements for additional Modules, such as Suite8 Homepage

Contact your sales staff or the named contact persons for additional information, questions or availability of updated document versions.