DASSAULT SYSTEMES
LICENSED PROGRAM SPECIFICATIONS (LPS) FOR CATIA Composer Release Composer R2015x

Terms that are initially capitalized are defined in the Glossary - Release 1, available at www.3ds.com/terms/glossary.

For information, CATIA Composer Release Composer R2015x Licensed Programs is the next Release of 3DVIA Composer Release Composer R2015 Licensed Programs.

1. LIST OF LICENSED PROGRAMS

The list of the Licensed Programs to which this LPS applies is in the Product Portfolio available at http://www.3ds.com/terms/product-portfolio. References in this LPS to Dassault Systèmes Products, Licensed Programs and/or Program Services (Support Services) do not imply that DS intends to make these available in all countries in which DS operates. Any other documentation with respect to these Licensed Programs, excluding any documentation referenced herein, is provided for reference purposes only and does not extend or modify these specifications.

2. HARDWARE AND SOFTWARE REQUIREMENTS

The DS hardware certification program is available at http://www.3ds.com/support/certified-hardware/.

Hardware and software information for CATIA Composer Release Composer R2015x Licensed Programs are as follows:

2.1 HARDWARE REQUIREMENTS

➢ HARDWARE REQUIREMENTS FOR COMPOSER, SYNC AND ENTERPRISE SYNC

The table below lists the recommended and minimum hardware requirements for Composer, Sync and Enterprise Sync:

<table>
<thead>
<tr>
<th>Hardware</th>
<th>Recommended Hardware</th>
<th>Minimum Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disk Drive</td>
<td>3 GB minimum free space is required to store program executables (including all importers), program data, usage environment, and paging space.</td>
<td>3 GB minimum free space is required to store program executables (including all importers), program data, usage environment, and paging space.</td>
</tr>
<tr>
<td>Network Adaptor</td>
<td>An active Ethernet adapter is required for licensing purposes.</td>
<td>An active Ethernet adapter is required for licensing purposes.</td>
</tr>
<tr>
<td>Processor</td>
<td>Intel® Core™ i5 or similar</td>
<td>Intel® Pentium® 4 (or similar)</td>
</tr>
<tr>
<td>Memory (RAM)</td>
<td>2 GB</td>
<td>512 MB</td>
</tr>
<tr>
<td>Keyboard</td>
<td>A specific keyboard compatible with the selected installation locale might be required for national language support.</td>
<td>A specific keyboard compatible with the selected installation locale might be required for national language support.</td>
</tr>
<tr>
<td>Display</td>
<td>Recommended resolution for Windows® workstations is 1280x1024. 16-bit color or higher graphics mode required, with 32-bit color recommended.</td>
<td>Recommended resolution for Windows® workstations is 1280x1024. 16-bit color or higher graphics mode required, with 32-bit color recommended.</td>
</tr>
<tr>
<td>Graphics Adaptor</td>
<td>A graphics adaptor with 3D OpenGL acceleration is required for optimal performance. AMD (AMD FirePro™) and NVIDIA (NVIDIA Quadro® FX) are highly recommended. OpenGL 3.2 or higher is required.</td>
<td>A graphics adaptor with 3D OpenGL acceleration is recommended to ensure performance. AMD and NVIDIA are recommended. Frame rates and interactivity will be significantly reduced if no acceleration is available.</td>
</tr>
<tr>
<td>Pointing Device</td>
<td>A 3-button mouse is recommended for usability reasons.</td>
<td>A 3-button mouse is recommended for usability reasons.</td>
</tr>
<tr>
<td>Optional Components and Features</td>
<td>SpaceNavigator™, SpaceExplorer™, SpaceBall™, and SpaceMouse™ from 3Dconnexion can be used, in addition to the mouse, to perform graphic manipulations (zoom, pan, rotate, etc.). Necessary drivers are delivered with the device.</td>
<td>SpacePilot, SpaceNavigator, SpaceExplorer, SpaceBall, and SpaceMouse from 3Dconnexion can be used, in addition to the mouse, to perform graphic manipulations (zoom, pan, rotate, etc.). Necessary drivers are delivered with the device.</td>
</tr>
</tbody>
</table>

➢ HARDWARE REQUIREMENTS FOR COMPOSER PLAYER AND COMPOSER PLAYER PRO

The table below lists the recommended and minimum hardware requirements for Composer Player and Composer Player Pro:

<table>
<thead>
<tr>
<th>Hardware</th>
<th>Recommended Hardware</th>
<th>Minimum Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disk Drive</td>
<td>50 MB minimum free space is required to store program executables (.exe, .ocx, Adobe Reader® plug-in), program data, usage environment, and paging space.</td>
<td>50 MB minimum free space is required to store program executables (.exe, .ocx, Adobe Reader® plug-in), program data, usage environment, and paging space.</td>
</tr>
<tr>
<td>Network Adaptor</td>
<td>An active Ethernet adapter is required for licensing purposes (Player)</td>
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</tr>
<tr>
<td>Processor</td>
<td>Pro only)</td>
<td>Pro only)</td>
</tr>
<tr>
<td>-----------------</td>
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<td>-----------</td>
</tr>
<tr>
<td>Memory (RAM)</td>
<td>2 GB</td>
<td>512 MB</td>
</tr>
<tr>
<td>Keyboard</td>
<td>A specific keyboard compatible with the selected installation locale might be required for national language support.</td>
<td>A specific keyboard compatible with the selected installation locale might be required for national language support.</td>
</tr>
<tr>
<td>Display</td>
<td>Recommended resolution for Windows workstations is 1280x1024. 16-bit color or higher graphics mode required, with 32-bit color recommended.</td>
<td>Recommended resolution for Windows workstations is 1280x1024. 16-bit color or higher graphics mode required, with 32-bit color recommended.</td>
</tr>
<tr>
<td>Graphics Adaptor</td>
<td>A graphics adapter with 3D OpenGL acceleration is required for optimal performance. AMD (AMD FirePro) and NVIDIA (NVIDIA Quadro FX) are highly recommended. OpenGL 3.2 or higher is required for some advanced rendering effects.</td>
<td>A graphics adapter with 3D OpenGL acceleration is recommended to ensure performance. AMD and NVIDIA are recommended. Frame rates and interactivity will be significantly reduced if no acceleration is available.</td>
</tr>
<tr>
<td>Pointing Device</td>
<td>A 3-button mouse is recommended for usability reasons.</td>
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</tr>
</tbody>
</table>

### 2.2 SOFTWARE REQUIREMENTS

#### INSTALLATION PREREQUISITES

Prior to performing installations of Composer products, you need to do the following:
- Install the latest Windows service pack (http://www.microsoft.com) for your operating system.
- Install the latest driver available for your video card.

#### SYSTEM REQUIREMENTS FOR COMPOSER, SYNC AND ENTERPRISE SYNC

**Supported Operating Systems for Composer, Sync and Enterprise Sync**

Starting with V6R2014x, Microsoft Windows XP is no longer supported for Composer, Sync and Enterprise Sync.

Composer, Sync and Enterprise Sync can only be installed on 64-bit operating systems.

**64-bit (x64 Edition) Composer, Sync and Enterprise Sync support the following operating systems:**

- Microsoft Windows 8 64-bit
- Microsoft Windows 7 64-bit
- Microsoft Windows Vista 64-bit
- Microsoft Windows Server 2003 64-bit
- Microsoft Windows Server 2008 64-bit

**Browser Requirements for Composer, Sync and Enterprise Sync**

To be able to use all of Composer, Sync and Enterprise Sync features, either of the following versions of Internet Explorer must be installed on your computer:

- Internet Explorer 11
- Internet Explorer 10
- Internet Explorer 9
- Internet Explorer 8

#### SYSTEM REQUIREMENTS FOR COMPOSER PLAYER AND COMPOSER PLAYER PRO

**Supported Operating Systems for Composer Player and Composer Player Pro**

Microsoft Windows XP is still supported for Composer Player and Composer Player Pro.

Composer Player and Composer Player Pro are available with both 64 and 32-bit installations.

**Supported Operating Systems for 64-bit (x64 Edition) Composer Player Products**

- Microsoft Windows 8 64-bit
- Microsoft Windows 7 64-bit
- Microsoft Windows XP Professional 64-bit
- Microsoft Windows Vista 64-bit
- Microsoft Windows Server 2003 64-bit
- Microsoft Windows Server 2008 64-bit

**Supported Operating Systems for 32-bit Composer Player Products**

- 32-bit Composer Player and Composer Player Pro support the following operating systems:
• Microsoft Windows 8 32-bit
• Microsoft Windows 7 32-bit
• Microsoft Windows XP Professional 32-bit
• Microsoft Windows Vista 32-bit
• Microsoft Windows Server 2003 32-bit
• Microsoft Windows Server 2008 32-bit

Browser Requirements for Composer Player and Composer Player Pro
To be able to use all of Composer, Sync and Enterprise Sync features, either of the following versions of Internet Explorer must be installed on your computer:

• Internet Explorer 11
• Internet Explorer 10
• Internet Explorer 9
• Internet Explorer 8

 OTHER REQUIREMENTS

User Assistance Requirements
The browser-based user assistance portal and search engine require the following:

Either of the following:

• On Microsoft Windows 7 64-bit: 32-bit versions of both Microsoft Internet Explorer 9 or 10 and Oracle Java plug-in version 7 (enabled)
• On Microsoft Windows 8 64-bit: 32-bit versions of both Microsoft Internet Explorer 10 and Oracle Java plug-in version 7 (enabled)
• On all supported operating systems: 32-bit versions of both Firefox ESR 17 and Oracle Java plug-in version 7 (enabled)

64-bit Oracle Java Runtime Environment (JRE) 7
• Note: Ensure that only one version of JRE is installed.
• Important: The search engine provided in the user assistance portal is a java applet. If it does not work, there may be several JRE-related causes. For example:
  - your Java security options may not be properly configured to allow the use of JRE in your browser,
  - or the version of JRE installed on your computer may be incompatible with a use of a java applet on a local installation of the user assistance. In particular, you should be aware that JRE1.7.45 introduced a regression, documented in Oracle's bug database: http://bugs.sun.com/view_bug.do?bug_id=JDK-8027396. This regression makes the search engine in the user assistance portal unusable when it is accessed locally (using file:).
  As a bypass, you could set up an http:\server for the user assistance.

File Import Requirements
Depending on the file formats you import into Composer, Sync and Enterprise Sync, different requirements might apply. For example, if you import SolidWorks® files, you must satisfy the minimum requirements for your version of SolidWorks (see http://www.solidworks.com/sw/support/SystemRequirements.html).

Important: SolidWorks stops support of Windows XP from 2013 onwards. Therefore, if you are running Composer with Windows XP, you may encounter compatibility issues importing data from SolidWorks 2013.

Software Prerequisite for Composer SolidWorks Plug-in
The software prerequisites for Composer SolidWorks Plug-in are as follows:

• SolidWorks 32-bit is required for Composer SolidWorks Plug-in 32-bit.
• SolidWorks 64-bit is required for Composer SolidWorks Plug-in 64-bit.

Software Prerequisite for Playing Composer Experience in 3DVIA Studio
3DVIA Studio 2.14.398 (V6R2013 FD01) or later is required to play a Composer experience published to 3DVIA Studio.

Note: For more information on 3DVIA Studio, see http://www.3dvia.com/studio/.

3. LICENSED PROGRAM MATERIALS AVAILABILITY

Restricted materials - No.
This Licensed Program is available without Source Code materials. It is available in Object Code only.

4. SUPPLEMENTAL TERMS

4.1 GENERAL RULES
The licenses for the Licensed Programs to which this LPS applies are granted pursuant to the Agreement, and according to one of the following licensing schemes (specifying the authorized use and end-users), as specified in the Product Portfolio if available, and as determined in the applicable Quote:

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- Machine Based (node-lock)
- Named User Based
- System License

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If a patent invention is implemented in the Licensed Programs for which a right to use is granted pursuant to the Agreement, DS hereby grants Licensee a non-exclusive license on the applicable patent limited to the use of such Licensed Program.

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NONE

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Under the GNU LESSER GENERAL PUBLIC LICENSE version 2.1, available at http://www.gnu.org/licenses/old-licenses/lgpl-2.1.en.html:
- Extended Message boxes
- Lib3DS
- OpenVRML
- Scene Graph Library
- Wild Magic Library

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The following terms apply in addition to the Agreement:

NONE

6.3 EXCLUSIONS

The warranty, indemnification and Support Services provided by DS under the Agreement are not applicable to open source software components listed hereunder:

NONE

7. SPECIFICITIES

7.1 TYPE/DURATION OF PROGRAM SERVICES (also referred to as “SUPPORT SERVICES”)

Support Services means the maintenance, enhancement and other support services related to a Licensed Program as described at http://www.3ds.com/terms/support-policies

7.2 DESIGNATED MACHINE IDENTIFICATION

No

7.3 TEST PERIOD

No

8. SECURITY MECHANISMS

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11. ADDITIONAL DEFINITIONS

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