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:

Hardware	Recommended Hardware	Minimum Hardware
Disk Drive	3 GB minimum free space is required to store program executables (including all importers), program data, usage environment, and paging space.	3 GB minimum free space is required to store program executables (including all importers), program data, usage environment, and paging space.
Network Adaptor	An active Ethernet adapter is required for licensing purposes.	An active Ethernet adapter is required for licensing purposes.
Processor	Intel® Core™ 2 Duo (or similar)	Intel Pentium® 4 (or similar)
Memory (RAM)	2 GB	512 MB
Keyboard	A specific keyboard compatible with the selected installation locale might be required for national language support.	A specific keyboard compatible with the selected installation locale might be required for national language support.
Display	Recommended resolution for Windows® workstations is 1280x1024. 16-bit color or higher graphics mode required, with 32-bit color recommended.	Recommended resolution for Windows® workstations is 1280x1024. 16-bit color or higher graphics mode required, with 32-bit color recommended.
Graphics Adaptor	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 for some advanced rendering effects.	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.
Pointing Device	A 3-button mouse is recommended for usability reasons.	A 3-button mouse is recommended for usability reasons.
Optional Components and Features	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.	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.

➢ 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:

Hardware	Recommended Hardware	Minimum Hardware
Disk Drive	50 MB minimum free space is required to store program executables (.exe, .ocx, Adobe Reader® plug-in), program data, usage environment, and paging space.	50 MB minimum free space is required to store program executables (.exe, .ocx, Adobe Reader® plug-in), program data, usage environment, and paging space.
Network Adaptor	An active Ethernet adapter is required for licensing purposes (Player	An active Ethernet adapter is required for licensing purposes (Player

	Pro only).	Pro only).
Processor	Intel Core 2 Duo (or similar)	Intel Pentium 4 (or similar)
Memory (RAM)	2 GB	512 MB
Keyboard	A specific keyboard compatible with the selected installation locale might be required for national language support.	A specific keyboard compatible with the selected installation locale might be required for national language support.
Display	Recommended resolution for Windows workstations is 1280x1024. 16-bit color or higher graphics mode required, with 32-bit color recommended.	Recommended resolution for Windows workstations is 1280x1024. 16-bit color or higher graphics mode required, with 32-bit color recommended.
Graphics Adaptor	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.	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 it no acceleration is available.
Pointing Device	A 3-button mouse is recommended for usability reasons.	A 3-button mouse is recommended for usability reasons.
Optional Components and Features	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.	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.

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.
Note: With 64-bit installations, the Composer Player ActiveX and the Composer Player are installed in 32-bit as well as 64-bit, and the Adobe Reader plug-in is installed in 32-bit.

Supported Operating Systems for 64-bit (x64 Edition) Composer Player Products
64-bit (x64 Edition) Composer Player and Composer Player Pro support the following operating systems:
- 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:

> - Concurrent (floating) Based
> - Machine Based (node-lock)
> - Named User Based
> - System License

Licenses for the Licensed Programs to which this LPS applies are granted for use on Machines by the Users (and Extended Enterprise Users, as applicable) only in the country for which the licenses are ordered. However, (i) Users, whose usual workplace is located in the same country as the country where such use of the Licensed Programs has been authorized, may use the Licensed Programs in any other country (subject inter alia to the export and re-export laws and regulations provisions of the Agreement) for purposes of a business trip of a maximum of thirty (30) consecutive days and (ii) DS may authorize, on a case-by-case basis, the use of certain Licensed Programs by the Users (and Extended Enterprise Users, as applicable) on a Remote Access mode.

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.

4.2   SPECIFIC PROVISIONS FOR CERTAIN LICENSED PROGRAMS

NONE

5.   OTHER PERMITTED USES FOR LICENSED PROGRAMS

USE FOR CERTAIN SERVICES.   Except for Development Tool Kit, Licensee is authorized to use the Licensed Programs for added-value engineering or implementation services. Added-value engineering or implementation services are services to deliver to a third party end user any deliverable generated specifically for said third party end user from use by Licensee of the Licensed Programs. In any event, Licensee may not (1) use the Licensed Programs to develop software code for (i) general distribution by any means, and whether alone or bundled or delivered with any product, data, information, software, or other element, or (ii) any services that do not add value attributable to the intervention of specific human skills, such as, without limitation, in a data services operation or as an application service provider, or (2) install and/or operate and/or give access to the Licensed Programs on any hardware and/or software environment owned by or under control of any third party unless otherwise expressly authorized in the Agreement, or (3) represent or imply to any party that it is an authorized or certified provider of services for DS. Licensee shall indemnify, defend and hold harmless DS against any claim, expense, judgment, damage or loss (including reasonable attorneys' fees) which arises out of or in any way relates to Licensee's use of the Licensed Programs with third party end users.

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LICENSEE'S RESPONSIBILITY.   In addition to all terms and conditions of the Agreement and all other provisions of this LPS, Licensee agrees that it is responsible for ensuring that any use of the Licensed Programs by all Users, and, if applicable all Named Users and/or Extended Enterprise Users, shall at all times be in compliance with the terms and conditions of the Agreement, and any breach by Extended Enterprise Users (if applicable) of the terms of this Agreement shall also be deemed a breach by Licensee.

EDUCATIONAL ALLOWANCE AVAILABILITY.   The standard educational allowance does not apply to the Licensed Programs to which this LPS applies.

6.   SPECIFIC TERMS FOR THIRD PARTY SOFTWARE

The specific terms relating to the use of certain third party software components or products not developed by or for a DS Group Company and granted to Licensee to be used in connection with or within a Licensed Program are defined hereafter:

6.1 OPEN SOURCE SOFTWARE

The Licensed Programs may include open source software components. Whenever notices (such as acknowledgment, copies of licenses or attribution notice) are required by the original licensor, such notices are included in the Documentation of the Licensed Programs.

The following components are not distributed and licensed under the terms of the Agreement but under the terms of their original licenses set forth in the Documentation and/or notice files in the Licensed Programs themselves. Source code for these components is available upon request.

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

Except for components mentioned in the section "EXCLUSIONS" below, the warranty, indemnification and Support Services provided by DS under the Agreement apply to all such open source software components and shall be provided by DS and not by the original licensor, but only for the use of the Licensed Programs that is in compliance with the terms of the Agreement, and in conjunction with the Licensed Programs. The original licensors of said open source software components provide them on an "as is" basis and without any liability whatsoever to Licensee.

6.2 ADDITIONAL THIRD PARTY SOFTWARE TERMS

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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9. SOFTCOPY PUBLICATIONS

The Licensed Program may include licensed publications in displayable or source form. Except as provided in this section, the terms and conditions of the Agreement apply to these publications and to any copies that are made from them.
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10. WARRANTY

The Licensed Programs are warranted as specified in the Agreement.
These Licensed Program Specifications may be updated from time to time and such updates may constitute a change in specifications.
Following the discontinuance of all Program Services (Support Services), this Licensed Program will be provided "As Is" as specified in the Agreement.

11. ADDITIONAL DEFINITIONS

The following definitions are supplementary to the Glossary - Release 1, available at www.3ds.com/terms/glossary.

Remote Access means, if so specified in the Product Portfolio, that Users and/or Extended Enterprise Users may access and use the Licensed Program remotely via the Internet from any country (subject inter alia to the export and re-export laws and regulations provisions of the Agreement).

12. TRADEMARKS

COMPOSER, **3D**EXPERIENCE, the Compass logo and the 3DS logo, CATIA, SOLIDWORKS, ENOVIA, DELMIA, SIMULIA, GEOVIA, EXALEAD, 3D VIA, BIOVIA and NETVIBES are commercial trademarks or registered trademarks of Dassault Systèmes S.A. or its subsidiaries in the U.S. and/or other countries. All other trademarks are owned by their respective owners. Use of any Dassault Systèmes S.A. or its subsidiaries trademarks is subject to their express written approval.

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