DASSAULT SYSTEMES LICENSED PROGRAM SPECIFICATIONS (LPS) FOR No Magic Releases 17.0, 17.0.1, 17.0.2, 17.0.3, 17.0.4, 17.0.5, 18.0, 18.0.1, 18.1, 18.2, 18.3, 18.4 and 18.5

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

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 No Magic Release 18.0 and 18.5 Licensed Programs are as follows:

2.1 HARDWARE REQUIREMENTS

Hardware requirements for No Magic Release 18.0 Licensed Programs are as follows:

The recommended system requirements for running MagicDraw, Cameo Systems Modeler and Cameo Enterprise Architecture are as follows:

- Intel Core i5 CPU or higher
- 16 GB of RAM
- 1 GB of free space on the disk or more depending on used plugins
- Full HD (1920x1080) display resolution or higher (800x600, 1280x1024 display resolutions are compatible with a laptop or a projector)

The recommended system requirements for running Cameo Collaborator: small and medium deployments (5 or 10 connection licenses are used and repository size is up to 500,000 elements) are as follows:

- 12 GB of RAM devoted exclusively to Cameo Collaborator
- 100 GB of free space on the disk, preferably SSD (Alfresco recommends that the disk throughput is greater than 200 MB/sec.)
- CPU with 2 or more cores
- 1 gigabit Ethernet network interface

The recommended system requirements for running Cameo Collaborator: large enterprise deployments (repository size does not exceed 8,000,000 elements and 1,600,000 elements are published to Cameo Collaborator every day, once a night) are as follows:

- 12 GB of RAM devoted exclusively to Cameo Collaborator
- 100 GB of free space on the disk, preferably SSD (Alfresco recommends that the disk throughput is greater than 200 MB/sec.)
- CPU with 2 or more cores
- 1 gigabit Ethernet network interface

The recommended system requirements for running Teamwork Server are as follows:

- Pentium 4, 1.4 GHz CPU or higher
- 2 GB of RAM or more
- 1 TB of free space on the disk or more

Hardware requirements for No Magic Release 18.5 Licensed Programs are as follows:

The recommended system requirements for running MagicDraw, Cameo Systems Modeler and Cameo Enterprise Architecture are as follows:

- Intel Core i5 CPU or higher
- 16 GB of RAM

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- 1 GB of free space on the disk or more depending on used plugins
- Full HD (1920x1080) display resolution or higher (800x600, 1280x1024 display resolutions are compatible with a laptop or a projector)

The recommended server system requirements for running Teamwork Cloud are as follows:

- Intel Xeon CPU E31230 @ 3.20GHz
- 16 GB RAM

The recommended system requirements for running Cameo Collaborator: small and medium deployments (5 or 10 connection licenses are used and repository size is up to 500,000 elements) are as follows:

- 12 GB of RAM devoted exclusively to Cameo Collaborator
- 100 GB of free space on the disk, preferably SSD (Alfresco recommends that the disk throughput is greater than 200 MB/sec.)
- CPU with 2 or more cores
- 1 gigabit Ethernet network interface

The recommended system requirements for running Cameo Collaborator: large enterprise deployments (repository size does not exceed 8,000,000 elements and 1,600,000 elements are published to Cameo Collaborator every day, once a night) are as follows:

- 12 GB of RAM devoted exclusively to Cameo Collaborator
- 100 GB of free space on the disk, preferably SSD (Alfresco recommends that the disk throughput is greater than 200 MB/sec.)
- CPU with 2 or more cores
- 1 gigabit Ethernet network interface

The recommended system requirements for running Teamwork Server are as follows:

- Pentium 4, 1.4 GHz CPU or higher
- 2 GB of RAM or more
- 1 TB of free space on the disk or more

2.2 SOFTWARE REQUIREMENTS

Software requirements for No Magic Release 18.0 Licensed Programs are as follows:

The recommended software requirement for running MagicDraw, Cameo Systems Modeler, Cameo Enterprise Architecture and Teamwork Server are as follows:

- Any Java SE 8-compatible operating system (Windows, Windows Server, Linux, Mac OS X)
- Oracle Java SE 8 Update 92 for Windows and Linux, OS X Lion, Mountain Lion, Mavericks, and Yosemite.

The recommended software requirement for running Cameo Collaborator is as follows:

64-bit operating system: Windows 7 or higher, Linux

Software requirements for No Magic Release 18.5 Licensed Programs are as follows:

The recommended software requirement for running MagicDraw, Cameo Systems Modeler, Cameo Enterprise Architecture and Teamwork Server are as follows:

- Any Java SE 8-compatible operating system (Windows, Windows Server, Linux, Mac OS X)
- Oracle Java SE 8 Update 152 for Windows and Linux.
- Oracle Java SE 8 Update 102 for OS X Lion, Mountain Lion, Mavericks, Yosemite, El Capitan, and Sierra.

The recommended software requirements for running Teamwork Cloud are as follows:

- Linux (CentOS release 6.6 is recommended) and Windows 2012 R2
- Cassandra 2.2.8
- Oracle JDK 1.8.0_121(x64)
- Open port 2552 between servers in a cluster, and open port 3579 and 8111 (default) to clients
- Static IP address for the node

Teamwork Cloud 18.5 is not compatible with Cassandra 3.x.x.

The recommended software requirement for running Cameo Collaborator is as follows:

• 64-bit operating system: Windows 7 or higher, OS X Yosemite, Linux

3. LICENSED PROGRAM MATERIALS AVAILABILITY

Restricted materials - No.

This Licensed Program is available without <u>Source Code</u> materials. It is available in <u>Object Code</u> only.

4. SUPPLEMENTAL TERMS

4.1 GENERAL RULES

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

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

Licenses for the Licensed Programs to which this LPS applies are granted for use on <u>Machines</u> by the <u>Users</u> (and <u>Extended Enterprise Users</u>, 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.

It is agreed that, notwithstanding anything to the contrary provided in the <u>Documentation</u>, software components packaged and delivered by DS as part of a given Licensed Program:

- shall solely be used together and as part of such Licensed Program and
- shall not be used standalone and/or for other purposes than the ones for which such Licensed Program has been marketed and granted to <u>Licensee</u> by DS.

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

Any Named User Based Licensed Programs which name includes "Mobile":

Each of these Licensed Programs is granted for use on a maximum of two (2) additional Machines, for mobility purposes.

5. OTHER PERMITTED USES FOR LICENSED PROGRAMS

USE FOR CERTAIN SERVICES

Except for <u>Development Tool Kit</u>, 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 and defend 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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For certain Licensed Programs as identified in the Product Portfolio and subject to all terms and conditions of the Agreement and this LPS, Licensee is authorized to give access to its licenses of such Licensed Programs to Extended Enterprise Users for the sole and exclusive purpose of enabling the Extended Enterprise Users to conduct business with Licensee, provided that use of the Licensed Programs by any such Extended Enterprise User shall be limited to use (i) solely as configured and deployed by Licensee and (ii) solely in connection with the Extended Enterprise User's performance of services for and on behalf of Licensee, and not for such Extended Enterprise User's own or another's account or for the purpose of hosting, modifying, or otherwise using or maintaining the Licensed Programs.

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OUTSOURCING TO A THIRD PARTY

Licensee is authorized to execute the Licensed Programs remotely on computers operated by third parties, provided that only duly authorized Users, and/or Extended Enterprise Users if applicable, shall have access to the Licensed Programs. Licensee may appoint a third party, such as an outsourcer, to operate the hardware on which the Licensed Programs are installed, on behalf of Licensee, only if (i) Licensee does not assign the Agreement or any licenses granted there under, in whole or in part, to the third party, (ii) the third party and Licensee enter into a written agreement under which the third party agrees that its access to and use of the Licensed Programs is subject to all of the grant of license, confidentiality, restrictions, and limitations on use provisions of the Agreement, and (iii) such third party is not a competitor of any <u>DS Group</u> <u>Company</u>. Licensee acknowledges and agrees that the third party shall be deemed an agent of Licensee. If Licensee becomes aware of any actual or suspected unauthorized use or disclosure of the Licensed Programs, Licensee shall immediately terminate the third party's access to and use of the Licensed Programs. Licensee shall indemnify and defend DS against any claim, expense, judgment, damage, or loss (including reasonable attorneys' fees) which arises out of or in any way relates to each third party's access to or use of the Licensed Programs.

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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 COMPONENTS

The specific terms relating to the use of certain third party 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 COMPONENTS

The Licensed Programs may include open source 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.

Moreover, some open source components may not be distributed and licensed under the terms of the Agreement but under the terms of their original licenses as set forth in the Documentation of the Licensed Programs themselves.

Source code for open source software components is available upon request. The warranty and indemnification provided by DS under the Agreement does NOT apply to all open source components. The original licensors of said open source components provide them on an "as is" basis and without any liability whatsoever to Licensee.

6.2 ADDITIONAL THIRD PARTY TERMS

The following terms apply in addition to the Agreement:

Siemens Teamcenter

The following terms also apply if Licensee is granted licenses of Siemens Teamcenter software:

Siemens PLM Teamcenter is provided on a nonexclusive, nontransferable basis to Licensee, without the right to grant further sublicenses, solely for installation, access, evaluation and use by Licensee within the Territory as an embedded component of, and in conjunction with, the Licensed Programs to which this LPS applies.

Siemens PLM is a third party beneficiary to the license and online services agreement with the right to enforce their terms as they relate to the Software Redistributables of the Siemens PLM Teamcenter product directly against Licensees.

6.3 EXCLUSIONS

The warranty and indemnification provided by DS under the Agreement are not applicable to third party software components listed hereunder:

LieberLieber Embedded Engineer 2.0

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

DS and its affiliated companies take all legal steps to eliminate piracy of their software products. In this context, the Licensed Programs may include a security mechanism that can detect the installation or use of the Licensed Programs, and collect and transmit data which data is the IP, MAC addresses, the operating system and the Java version with which the Licensed Programs are used. By using the Licensed Programs, Licensee consents to the detection and collection of such data described above, as well as its transmission and use by DS for purposes of monitoring compliance with the Agreement. DS also reserves the right to use a hardware lock device, license administration software, and/or a license authorization key to control access to the Licensed Programs. Licensee may not take any steps to avoid or defeat the purpose of any such measures. Use of any Licensed Programs without any required lock device or authorization key provided by DS is prohibited.

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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 definition supersedes the one of the Glossary - Release 3, available at www.3ds.com/terms/glossary.

Machine means a computer equipment on which a Licensed Program is executed (1) (a) belonging to Licensee or under its sole control or supervision and (b) located on Licensee's premises (provided when applicable that Users and Extended Enterprise Users, as applicable, may occasionally use laptop computers outside Licensee's premises) or (2) operated by a third party service provider as specifically authorized in the Agreement solely for and on behalf of Licensee, in the same country, or (3) belonging to the User and under its sole control or supervision but in the frame of Licensee's internal use in accordance with the Agreement for the exclusive use of Named User Based Licensed Programs which name includes "Mobile" and for mobility purposes only.

12. TRADEMARKS

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