



# System requirements & Supported platforms

**Minimum system requirements for BETA LM TOOLS v6.4 or later**

<b>Linux</b>	<b>32bit</b>	<b>64bit</b>
	glibc 2.3	glibc 2.3.3
<b>MacOS</b>		
	Mac OS X v10.4	Mac OS X v10.6
<b>WINDOWS</b>		
	Windows Vista Service Pack 2 or later	Windows 7

**Minimum system requirements for ANSA and SDM Console**

<b>MacOS</b>	<b>32bit</b>	<b>64bit</b>
	Discontinued	Mac OS X v10.6
<b>LINUX</b>		
	Discontinued	glibc 2.3.3
<b>WINDOWS</b>		
	Discontinued	Windows 7

**Minimum system requirements for CAD to ANSA translators**

<b>LINUX</b>	<b>32bit</b>	<b>64bit</b>
	Discontinued	glibc 2.3.3
<b>MacOS</b>		
	Discontinued	Mac OS X v10.6
<b>Windows</b>		
	Discontinued	Windows 7 and Microsoft Visual C++ 2005 Redistributable Package Microsoft Visual C++ 2008 Redistributable Package Microsoft Visual C++ 2010 Redistributable Package

**Minimum system requirements for EPILYSIS**

MacOS	32bit	64bit
	-	Mac OS X v10.6
LINUX		
	-	glibc 2.3.3
WINDOWS		
	-	Windows 7

**Minimum system requirements for META v15.1.0 or later**

MacOS	32bit	64bit
	Discontinued	Mac OS X v10.6
LINUX		
	Discontinued	glibc 2.3.3
WINDOWS		
	Discontinued	Windows 7

**Minimum system requirements for META Viewer**

MacOS	32bit	64bit
	Discontinued	Mac OS X v10.6
LINUX		
	Discontinued	glibc 2.3.3
WINDOWS		
	Discontinued	Windows 7

**Minimum system requirements for RETOMO**

<b>LINUX</b>		
	-	glibc 2.3.3
<b>WINDOWS</b>		
	-	Windows 7

**Recommended Graphic card requirements for RETOMO**

		<b>Compute Device</b>
<b>AMD</b>		
		Firepro W series, V series
<b>NVIDIA</b>		
		Quadro series

**Recommended system requirements for SPDRM v1.1.0 or later**

<b>SPDRM Server Hardware requirements</b>	<b>32bit</b>	<b>64bit</b>
<b>LINUX</b>		
	Not supported	CPU: 4-core/8-thread intel i7 CPU (e.g. i7 960) Memory: 16GB HDD: 1TB Network: 1Gbit Static IP
<b>WINDOWS</b>		
	Not supported	CPU: 4-core/8-thread intel i7 CPU (e.g. i7 960) Memory: 16GB HDD: 1TB Network: 1Gbit Static IP

SPDRM Server Software requirements	32bit	64bit
<b>LINUX</b>		
	Not supported	<p>OS: CentOS (6.4 or later), Fedora (12 or later), SuSE (11 or later), Red Hat Enterprise Linux 6.5</p> <p>Database: MySQL community edition (5.5, 5.6, or 5.7), Oracle Database 11.2 or 12.2 Enterprise Edition</p> <p>Administrative privileges (create users/shares, change file privileges)</p> <p>Capability to share folders across the network (NFS/Samba)</p> <p>Configurable firewall</p>
<b>WINDOWS</b>		
	Not supported	<p>OS: Windows Server 2012, Windows Server 2008, Windows 7 or later (Professional, Enterprise, Ultimate)</p> <p>Database: MySQL community edition (5.5, 5.6, or 5.7), Oracle Database 11.2 or 12.2 Enterprise Edition</p> <p>Administrative privileges (create users/shares, change file privileges)</p> <p>Capability to share folders across the network (NFS/Samba)</p> <p>Configurable firewall</p>

SPDRM Client requirements	32bit	64bit
<b>LINUX</b>		
	Not supported	OS: CentOS (6.4 or later), Fedora (12 or later), SuSE (11 or later), Red Hat Enterprise Linux 6.5 Memory: 4GB* Configurable firewall Ability to connect to the SPDRM Server IP Ability to connect to the SPDRM Server shares (i.e. vault and client directories)
<b>WINDOWS</b>		
	Not supported	OS: Windows 7 or later Memory: 4GB* Configurable firewall Ability to connect to the SPDRM Server IP Ability to connect to the SPDRM Server shares (i.e. vault and client directories)

\*Memory requirements for applications that are used from within the SPDRM Client are not included

**Recommended GPU (OpenCL Support) requirements**

Platform	Compute Device
<b>AMD</b>	
	Radeon HD 7xxx, 6xxx (with at least 1GB of video memory size) Firepro W series, V series (with at least 1GB of video memory size)
<b>NVIDIA</b>	
	Tesla (all) (with at least 1GB of video memory size) Quadro (with at least 1GB of video memory size)
<b>Intel*</b>	
	i3, i5, i7

\*Intel Platform is also supported, with the prerequisite that Intel SDK for OpenCL Applications 2012-13 is already installed.

## **Important Announcement**

Please note that from version 15.1.0 and onwards the 32bit executable files for ANSA, META and translators are discontinued for Linux and Mac platforms.

In case the use of older versions of ANSA and META are required, please do not hesitate to contact us.

## **Important Notes**

1. Installation of BETA\_LM\_TOOLS in any type of Virtual Machine is prohibited. Server license keys produced by Virtual Machines are invalid and cannot be used to launch any application licensed by BETA CAE Systems.  
The launching of any application licensed by BETA CAE Systems. (e.g. ANSA or META) from within any type of Virtual Machine will disable the “sharing” of credits for this application. In other words, any instance of an application launched through a Virtual Machine will not share the same license and will occupy the prescribed number of credits.  
ANSA and META require a Hardware Accelerated OpenGL Graphics card with a minimum of 1GB of video memory size.
2. The translation of CATIA V4 and CATIA V5 files does not require the installation of CATIA software.
3. The NXOpen-based translation of NX files requires a valid NX software installation on the same machine where the translation is performed. On the other hand, the CT-based translation of NX files does not require an NX software installation.
4. The translation of PTC Creo Parametric (Pro ENGINEER) files does not require the presence of PTC Creo Parametric (Pro ENGINEER) software.
5. The translation of CATIA V5 files, Solidworks files\*, PTC Creo Parametric (Pro ENGINEER) files and the translation of JT files, they all require the presence of additional features inside the ANSA license file.  
\* The translation of Solidworks files requires the presence of the NEW\_ANSA\_CATIA\_V5 feature inside the ANSA license file.
6. The platform support for the CAD data translators also depends on the CAD library vendor or the translation technology supplier.
7. ANSA v13.2.0 or later and the respective translators, under Windows, require the Microsoft Visual C++ 2005 Redistributable and the Microsoft Visual C++ 2008 Redistributable packages to be installed. Those should be downloaded from Microsoft’s web site.
8. Features are subject to change without notice.

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*physics on screen*