

CST STUDIO SUITE - Operating System Support

Operating System	CST STUDIO SUITE® Version			
	2016	2017	2018	2019
Windows 7 / Server 2008 R2	✓	✓	✓	✓
Windows 8 / Server 2012	✓	(✓)	X	X
Windows 8.1 / Server 2012 R2	✓	✓	✓	✓
Windows 10	✓	✓	✓	✓
Windows Server 2016	X	n/a	✓	✓
Red Hat Enterprise Linux 6.x	✓	✓	✓	✓
Red Hat Enterprise Linux 7.x	✓	✓	✓	✓
Suse Linux Enterprise 11	✓	✓	✓	✓
Suse Linux Enterprise 12	X	✓	✓	✓

General Remarks

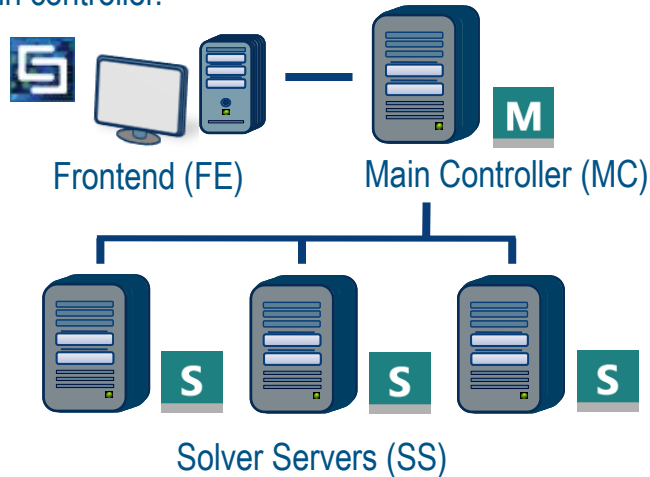
- ✓ = Operating system fully supported/recommended for CST STUDIO SUITE installations. Our software has been fully tested on these systems.
- (✓) = Support for this operating system is about to expire. Only major problems which affect the core functionality of our software will be fixed.
- ✗ = Operating system is not yet or no longer supported. Our software is not tested on this platform.
- n/a = Support can't be guaranteed. Please contact CST for further information in case you need to use CST STUDIO SUITE on this OS.

- ▶ Starting with CST STUDIO SUITE 2016 only the 64 Bit versions of the Linux distributions mentioned on the previous page are supported.
- ▶ Starting with CST STUDIO SUITE 2018 only 64 Bit operating systems are supported.
- ▶ Although we can only guarantee compatibility of the Linux version on enterprise distributions explicitly listed in the table of supported operating systems, the software usually works on other Linux distributions as well and we know of working installations on, e. g., CentOS 6.x, CentOS 7.x or Ubuntu 16.04 LTS.
- ▶ Please note that there are some limitations when running CST STUDIO SUITE on Linux, i.e. not all solvers/modules are supported. Please refer to the Linux Installation Guide found on the Linux DVD or contact technical support (SIMULIA.CST.Hotline@3ds.com) in order to learn more about these limitations.
- ▶ Please note that using the frontend on Linux requires the "multiplatform" option in your license.

Distributed Computing

The CST Distributed Computing System consists of three components: The frontend, the main controller, and one or more solver servers. All components can (but don't need to be) installed on separate computers. The system is fully cross – platform and each of the components can be installed on one of the supported operating systems. The table below this text shows commonly used configurations.

Note: In case of a node – locked license the CST STUDIO SUITE frontend must run on the same computer as the main controller.



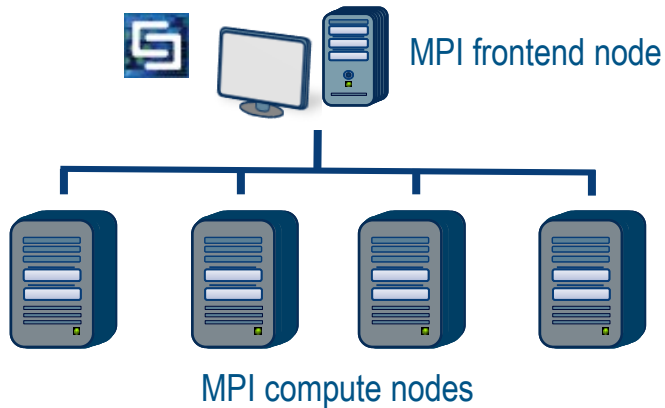
	FE	MC	SS
Configuration 1	Windows	Windows	Win/Linux
Configuration 2	Windows	Linux	Linux
Configuration 3*	Linux	Linux	Linux

*= This configuration requires the multiplatform option in you license.

MPI Computing

In case of MPI Computing a cluster of computers is used as a single supercomputer to handle very large models efficiently. Thus, the machines used as MPI compute nodes need to be homogeneous in terms of their operating system. The operating system of the computer running the CST STUDIO SUITE frontend which starts and controls the simulation can differ from the OS of the compute nodes though.

The picture below shows the supported configurations.*



	MPI Frontend Node	MPI Compute Nodes
Configuration 1	Windows	Windows
Configuration 2	Windows	Linux
Configuration 3**	Linux	Linux

* = It is possible that one of the MPI compute nodes acts as MPI frontend node as well.

** = This configuration requires the multiplatform option in your license.

License Server

License server installations are supported on all platforms CST STUDIO SUITE itself supports.
Please refer to FAQ #4254 on the CST support website for more information about stand-alone license server installations.