

*GRANTA MI™ version 10*

# **GRANTA MI 10**

## **System Requirements**

GRANTA MI™ is the leading system for materials information management in engineering organizations. It enables you to control, analyze, and securely share critical corporate data on materials and processes, managing the materials information lifecycle.

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Release notes, documentation, and Knowledge Articles for the current and all previous GRANTA MI releases are all available on the Granta Support website. Go to [www.grantadesign.com](http://www.grantadesign.com) and click SIGN IN to log into your My Granta page, then click on **Documentation**.

We welcome your feedback on this document. Please let us know if anything is unclear, if you spot an error, or have an idea for new content, by emailing [docs@grantadesign.com](mailto:docs@grantadesign.com).

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## 1 Introduction

In this document, configurations are referred to as either **certified** or **supported**.

- **Certified** means a full set of functional regression tests have been run on this configuration.
- **Supported** means some tests have been run on this configuration, and/or it is a configuration for which we would investigate issues and, where possible, provide fixes.

Granta's general support policy is to make every effort possible to get the software working in the environment in which it has been deployed, irrespective of whether it has been certified for or tested in that type of environment. However, if a reported issue appears to be due to the environment in which the software is running rather than a fault with the software itself (i.e., the fault cannot be reproduced in a certified environment), then it may not be possible to resolve the issue and any attempt to do so may require extended reciprocal support from the customer's IT organization, and fees may be payable.

## 2 Software requirements

### 2.1 GRANTA MI application and web server platform

The MI:Server application and the MI:Viewer web server can be installed on the following platforms.

*Table 1. Supported platforms for GRANTA MI application and web server*

Operating system	Certified/Supported
Windows Server 2016	Certified
Windows Server 2012 R2	Supported
Windows Server 2012	Supported
Windows Server 2008 R2	Supported
Windows Server 2008 SP2	Supported
Windows 10 Windows 8.1 Windows 8 Windows 7 Professional	Supported for trial installations

### 2.2 GRANTA MI client platform

GRANTA MI PC client applications such as MI:Toolbox and MI:Admin can be installed on the following platforms.

*Table 2. Supported platforms for GRANTA MI PC client applications*

Operating system	Certified/Supported
Windows Server 2016	Certified
Windows Server 2012 R2	Supported
Windows Server 2012	Supported
Windows Server 2008 R2	Supported
Windows Server 2008 SP2	Supported
Windows 10 Windows 8.1 Windows 8 Windows 7 Professional	Supported

## 2.3 GRANTA MI database server platform

GRANTA MI databases can be hosted on the following 64-bit Windows and Microsoft SQL Server platforms.

Table 3. Supported platforms for hosting GRANTA MI SQL Server databases

	SQL Server 2016	SQL Server 2014	SQL Server 2012	SQL Server 2008 R2
Windows Server 2016	<b>Certified</b>	Supported	Supported	Supported
Windows Server 2012 R2	Supported	Supported	Supported	Supported
Windows Server 2012	Supported	Supported	Supported	Supported
Windows Server 2008 R2	Supported	Supported	Supported	Supported
Windows Server 2008 SP2	-	-	Supported	Supported
Windows 10 Windows 8.1 Windows 8 Windows 7 Professional	Supported <sup>a</sup>	Supported <sup>a</sup>	Supported <sup>a</sup>	Supported <sup>a</sup>

- a. This configuration is only supported in trial installations

Microsoft SQL Server Express may be used for evaluation purposes, and for small-scale production environments.

## 2.4 Supported web browsers

GRANTA MI web applications can be used on current and recent major releases of Internet Explorer, Microsoft Edge, Firefox, and Google Chrome, with the following minimum version requirements.

Table 4. Minimum supported web browser version

Internet Explorer®	Microsoft Edge	Firefox®	Google® Chrome
IE11*	28 or later	45 or later	48 or later

\* Note that MI:Viewer and MI:Remote Import are supported on IE9 & later; other GRANTA MI web applications require IE11 as a minimum.

## 2.5 Microsoft Internet Information Services (IIS)

Microsoft Internet Information Services (IIS) is an optional component of the Windows operating system. It is used to host the GRANTA MI website and must be installed before installing GRANTA MI:Viewer. The Installation Manager will attempt to install and configure IIS for you, if it is not already installed.

## 2.6 Virtualization platforms

GRANTA MI has been installed and tested on the following virtual environments:

- Microsoft Hyper-V® Windows Server 2012
- Citrix® XenServer®
- VMware vSphere

The virtual environment must be configured to have the same resources available as a typical physical server for running GRANTA MI.

## 2.7 Additional third-party software considerations

In addition to mandatory components required for the installation of GRANTA MI, there are additional third-party components that can improve the user experience or functionality of GRANTA MI. The following components are not mandatory but should be considered by deployment planners.

### 2.7.1 Indexing software

iFilters ('indexing filters') allow the text content of different files types imported into a GRANTA MI database to be indexed, enabling those files to be searched in GRANTA MI. Storage and display of files does not require an iFilter, only searching.

GRANTA MI does not include any indexing software. To ensure that text within Microsoft Office and PDF files stored in GRANTA MI is searchable, iFilters must be installed on the GRANTA MI application server. Note that use of the Adobe PDF iFilter is not supported with GRANTA MI.

The GRANTA MI Version 11 download package includes a compatible third-party PDF iFilter which has been evaluated against GRANTA MI Version 11, and which is licensed for use with GRANTA MI. See the README in the download package for information about installing this.

### 2.7.2 Microsoft® Office

GRANTA MI Excel import/export is tested with Microsoft Office 2007 and above.

### 3 Typical hardware requirements for GRANTA MI

GRANTA MI is deployed with a wide variety of types of database, user audience, and patterns of use. The hardware requirements listed below are guidelines for a typical small enterprise using a database containing an even proportion of data types, with an even spread of tool usage by users. Other deployments may require more processor speed for the same number of users, and memory requirements may also vary.

Table 5. Server Hardware Requirements

Component	Minimum Requirement	Notes
Processor	Intel® Xeon® 4 core	An 8 core server is recommended for a typical MI production deployment.
RAM	16 GB	
Storage	50 GB	50 GB disk space should be regarded as a minimum, and a more typical allowance is 300GB.

MI:Viewer clients use a web browser to access GRANTA MI data. There are no particular hardware requirements specific to GRANTA MI for running browsers. GRANTA MI has rich clients such as MI:Toolbox and MI:Admin. Granta recommends that machines running these clients have at least 4 GB of memory. While these tools will run with less memory, they may have issues with manipulating large databases.