

Ansys GRANTA MI™ 2021 R1

GRANTA MI:Materials Gateway Supported Platforms

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Introduction

GRANTA MI™ is the leading materials information management software system for engineering enterprises. GRANTA MI meets the disparate needs of the materials experts, product designers, engineering analysts, data publishers, and other professionals who work with information related to metals, composites, ceramics, plastics, and other materials.

GRANTA MI:Materials Gateway enables a consistent set of data and tools from GRANTA MI to be accessed from within CAD, CAE, and PLM software, and can be configured to support materials information management in an integrated CAD/PLM environment. Users can access and browse a corporate materials database and/or Granta-supplied reference data, choose applicable materials, and assign those materials to parts within their design or simulation model. A variety of analytics, dashboard, reporting and data output tools are available, depending on the host system and the GRANTA MI modules licensed for your corporate installation.

About this document

This document describes the CAD, CAE, and PLM host applications and versions that are supported by MI:Materials Gateway.

- [Table 1](#) shows all currently supported CAD, CAE, and PLM host applications, and the Gateway releases that support each host application and version.
- [Table 2](#) shows all currently supported combinations of Gateway releases and GRANTA MI versions.

For information about hardware, software, and system requirements for the core GRANTA MI system, see the *GRANTA MI System Requirements* document for your version of GRANTA MI.

For any additional system and software requirements that may apply to a particular Gateway version and host implementation, see the *MI:Materials Gateway Release Notes* for that release.

Support for CAD, CAE, and PLM applications

The table below shows all currently supported CAD, CAE, and PLM host applications, and the Gateway releases that support each host application and version.

If you are installing two Gateways on the **same** client machine (e.g., for a CAD application and a CAE application), they must both be the same Gateway release version.

Table 1: CAD, CAE, and PLM applications and versions supported by Gateway

Host application	Host version	MI:Materials Gateway release version							
		4.6	5.2	5.5	6.2	6.3	6.5	6.6	6.8
Abaqus/CAE	2017	✓							
	2018	✓							
	2019	✓							
ANSA, on Windows and Linux (1)	18				✓ (2)	✓ (2)	✓ (2)	✓ (2)	
	19				✓ (2)	✓ (2)	✓ (2)	✓ (2)	✓ (2)
	20				✓ (2)	✓ (2)	✓ (2)	✓ (2)	✓ (2)
	21								✓ (2)
ANSYS Workbench	2019R1	✓							
	2019R2				✓	✓			
	2019R3				✓	✓	✓	✓	
	2020R1				✓	✓	✓	✓	✓
	2020R2						✓	✓	✓
	2021R1								✓
Creo Parametric	2.0		✓						
	3.0		✓	✓					
	4.0		✓	✓					
	5.0			✓			✓ (3)	✓ (3)	✓ (3)
	6.0						✓ (3)	✓ (3)	✓ (3)
	7.0						✓ (3)	✓ (3)	✓ (3)

Host application	Host version	MI:Materials Gateway release version							
		4.6	5.2	5.5	6.2	6.3	6.5	6.6	6.8
HyperMesh	2017	✓							
	2018	✓							
	2019								✓
NX	9.0		✓						
	10		✓		✓				
	11		✓		✓				
	12		✓		✓	✓			
	1847					✓ (4)	✓ (4)	✓ (4)	
	1872					✓ (4)	✓ (4)	✓ (4)	✓ (4)
	1899						✓ (4)	✓ (4)	✓ (4)
	1926								✓ (4)
Teamcenter	10		✓						
	11		✓						
Windchill	10		✓	✓					
	11		✓	✓					

(1) MI:Materials Gateway for ANSA is currently available for Windows and Red Hat Enterprise Linux. For full details of the platforms and versions supported at each Gateway release, see the *MI:Materials Gateway Release Notes*.

(2) Certified on ANSA versions 18.1.4 , 19.1.4, and 20.0.1; supported on all ANSA 18, 19, and 20 versions.

(3) Supports interoperability with MI:Materials Gateway 5.5 for Windchill, provided the Creo and Windchill Gateways are installed on different client machines.


(4) Certified on this version, and supported on all updates to this version.


Compatibility with GRANTA MI versions


The table below shows the MI:Materials Gateway releases that are compatible with currently-supported versions of GRANTA MI (Versions 2020 R1, 2020 R2, and 2021 R1). If you require information about an earlier version of Gateway and/or GRANTA MI, contact Granta Support.

Table 2: Supported combinations of Gateway releases and GRANTA MI versions

Gateway version	GRANTA MI 2020 R1	GRANTA MI 2020 R2	GRANTA MI 2021 R1
4.6			
5.2			
5.5			
6.2			
6.3			
6.5			
6.6			
6.8			

 Certified on this version of GRANTA MI

 Supported but not certified

 Not supported

(1) These versions of Gateway do not support the 'Favorites List' feature in GRANTA MI 2021 R1. Users can save favorites from Gateway to a locally-stored list (as with previous versions of GRANTA MI), but cannot view favorites saved from Gateway in Explore (or vice versa), and cannot access the Favorites app from Gateway.