GRANTA
MATERIAL INTELLIGENCE

PRESS RELEASE – FOR IMMEDIATE RELEASE

Cambridge, UK – October 24, 2017

GRANTA ENHANCES MATERIAL INTELLIGENCE FOR PLM

Update optimizes materials support for Siemens PLM, PTC, and Dassault Systèmes solutions

Granta Design today announced new versions of key software components that integrate its GRANTA MI™ materials information management system with Product Lifecycle Management (PLM) systems, and that support Computer-Aided Design (CAD) and Computer-Aided Engineering (CAE). An increasing number of engineering enterprises are rolling out programs to "digitalize" their materials information, in order to reduce risk, drive innovation, and save time and cost. GRANTA MI enables this process, and helps to ensure correct, consistent definitions of materials throughout the product lifecycle. The latest releases build on real experience of optimizing customer implementations worldwide, and support the upcoming GRANTA MI Version 11.

GRANTA MI is the industry standard for building a 'gold source' database of corporate materials information. This must be integrated with the product definitions in corporate PLM and CAD systems in order to ensure access, consistency, and traceability for important materials information across the enterprise. Examples include providing properties for design and simulation, supporting substance compliance analytics, and re-using past experience of applying materials. But every company's engineering IT environment is different. So configuring 'material intelligence' for these environments requires flexible technologies. Granta's MI:Enterprise Connect and MI:Materials Gateway tools, used separately or in combination, provide this flexibility.

At this week's Siemens PLM Connection Europe event in Berlin, Granta will demonstrate the new release of **MI:Enterprise Connect** and its use with Teamcenter PLM. This enables approved catalogs of materials to be synchronized between GRANTA MI and the Integrated Material Management (IMM) module in Teamcenter, so that they become accessible to all Teamcenter users. **Version 2** supports the use of sub-types in Teamcenter, allowing for a richer definition of the material. And it can make use of the full power of PLM workflow tools by automatically triggering workflows to act on updated information.

MI:Materials Gateway enables direct access to a GRANTA MI database from an app within PLM, CAD, or CAE. It delivers a seamless user experience, faster than ever with **Version 5**, saving valuable time and effort in simulation and design. Added features include the ability to assign multiple materials to parts in PLM or CAD, e.g., PTC's Windchill or Creo. This enables consideration of material alternatives. MI:Materials Gateway supports Teamcenter® and NX® from Siemens PLM, CATIA® and Abaqus/CAE® from Dassault Systèmes, Windchill® and Creo® from PTC, Altair HyperMesh®, ANSYS Workbench®, and Autodesk Inventor®.

These enhancements will be demonstrated at **Siemens PLM Connection Europe**, October 23-25 and at a no-cost **webinar** on October 26 – "Empowering Product Engineering with consistent, accurate materials definitions in CAD and PLM" (www.grantadesign.com/webseminars/2017/Product-engineering.htm).

The updates form part of the upcoming GRANTA MI Version 11. Granta will shortly announce enhancements to the core GRANTA MI system to further accelerate the digitalization of materials information.

End: [Word Count: 446]

www.grantadesign.com info@grantadesign.com

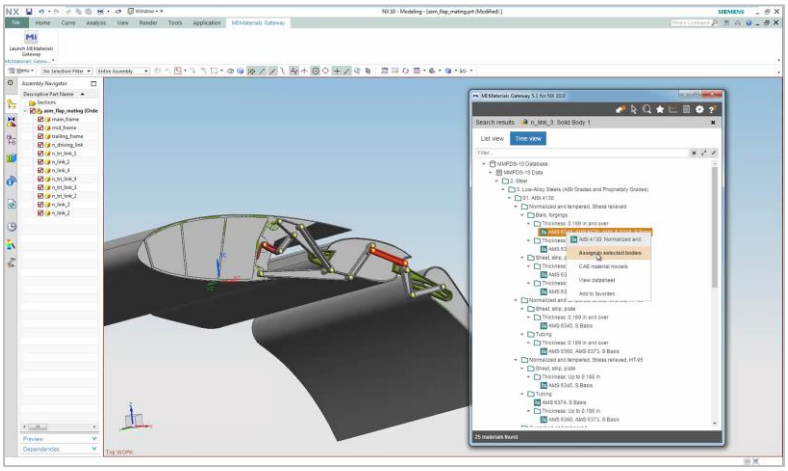
International Headquarters: Granta Design Limited, Rustat House, 62 Clifton Road, Cambridge CB1 7EG, UK

UK/Int'l T +44 1223 518895 F +44 1223 506432
USA T 1-800-241-1546 F 1-216-274-9812
France T 08 00 76 12 90 F 01 53 01 69 66
Germany T 0800 182 5026 F 08005 89431 5000

Registered in England 2807306

Image 1: Granta Design Logo

Image 2: Accessing materials data via the MI:Materials Gateway app in the NX CAD system.



(See image download link below).

ABOUT GRANTA DESIGN LTD

Granta are the materials information technology experts. The company develops market-leading software for managing materials and process information in engineering enterprises, and a series of tools for applying that data to key materials and product design decisions. Granta serves sectors as diverse as aerospace, defense, energy, medical devices, automotive, motorsports, manufacture of consumer and industrial equipment, materials production, and publishing. Customers realize multi-million dollar benefits in reduced cost, enhanced product performance, improved quality, and faster design turnaround. Granta was founded in 1994 as a spinout from the University of Cambridge and the work of Professors Mike Ashby and David Cebon. For further information, visit www.grantadesign.com.

Follow @GrantaDesign on Twitter.

IMAGE DOWNLOADS AND FURTHER INFORMATION

- For media info and to download supporting images: www.grantadesign.com/news/media.htm
- Product information: https://www.grantadesign.com/products/mi/index.htm

MEDIA CONTACT:

Beth Harlen, Technical Marketing Communications Specialist
Granta Design Limited, UK +44 (0)1223 218 000 ext. 332, USA +1-800-241-1546,
beth.harlen@grantadesign.com