



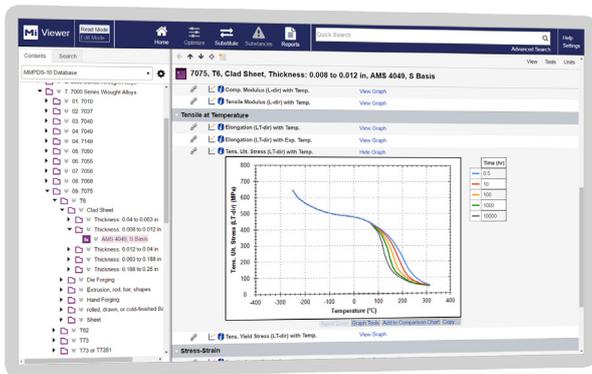
## The leading system for materials information management in engineering enterprises.

Create a single 'gold source' for your company's proprietary materials data, information, and related experience. Integrate with the best available library of high-quality materials reference information.



### Key benefits:

- Increase productivity: engineers find information, fast, and avoid duplicated work
- Protect and apply vital materials IP
- Save costs and reduce time-to-market: multi-million dollar benefits for larger organizations
- Reduce risks: avoid errors that can lead to delays, quality issues, or legal liabilities
- Get more performance from products by ensuring that you use the best available materials data, information, and knowledge



*Browsing property data for an aerospace alloy in the GRANTA MI web browser app. Access is also possible via task-specific web apps and from directly within CAD, CAE, or PLM systems.*

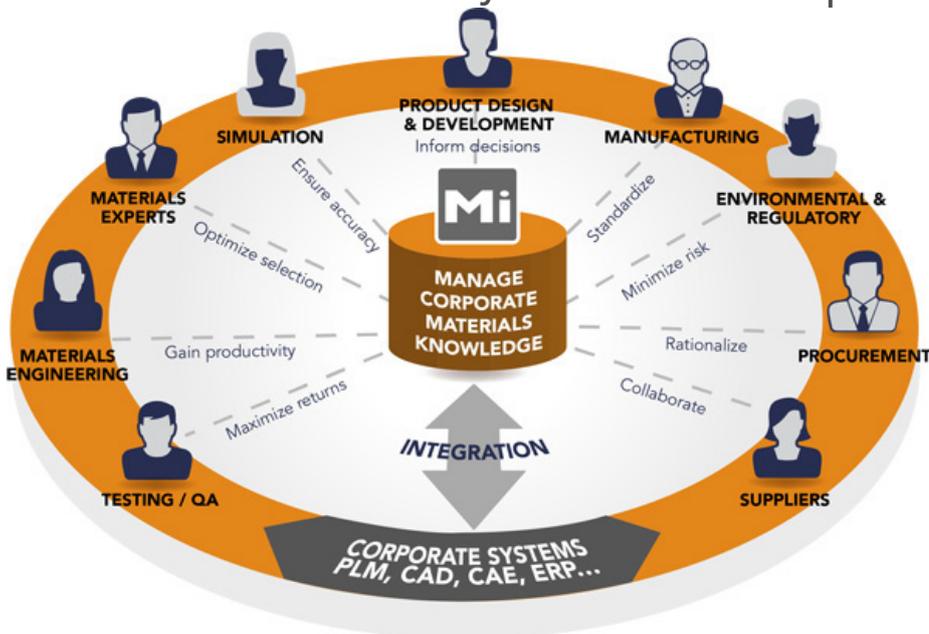
### Manage vital materials knowledge

With GRANTA MI™, you manage the full materials data lifecycle, from test data through to design and beyond. Workflow tools ensure smooth capture, processing, and approval of data, information, and experience and enable you to fully integrate the flow of materials information into your business processes. Best practice, proven data management templates support you in creating the right data structures for complex use cases such as Additive Manufacturing or Composites. And, within the same system, you can access a comprehensive library of quality reference information covering metals, plastics, composites, and more.

### Implement a robust, reliable enterprise system

GRANTA MI is a proven system, tuned to manage materials data for the enterprise. Easy-to-use admin tools avoid unnecessary IT cost. You can trust in enterprise software features such as access and version control, as specified by the demanding aerospace and energy community of the Material Data Management Consortium ([www.mdmc.net](http://www.mdmc.net)). Our proven implementation process and Services Team will help you to get up-and-running smoothly.

# One view of materials for your team or enterprise



## Empower the design and development process

Get direct access to managed materials data from within top CAD, CAE, and PLM systems with the GRANTA MI:Materials Gateway™ app. You can ensure controlled assignment and mass roll-up in CAD and enable queries like “Where is this material used?” across your PLM infrastructure. Guarantee that the right material models are used in CAE every time. Configure exactly the system you need, with a flexible approach to in-house tool integration and custom app development.

## Reduce risk and make better materials decisions

Assess and mitigate restricted substance risk, based on a dedicated solution to manage your proprietary data plus unique, regularly updated reference data on substances and regulations. Ensure the right information is summarized for the right audience—e.g., ‘preferred material indicators’ in CAD can significantly reduce costs by steering designers towards preferred grades.

## GRANTA MI packages

MI:Test Data Management™—get maximum return on investment from your materials testing and qualification programs.

MI:Product Engineering™—materials support for product design and development, particularly integration with CAD and PLM.

MI:Simulation™—the right materials data, in the right format, for CAE.

MI:Composites™—support rigorous, auditable composite qualification.

MI:Restricted Substances™—de-risk materials, designs, and products.

MI:Additive Manufacturing™—future-proof AM research and understand relationships between process parameters, materials, and properties.



**Summing it all up, per annum, we're looking at about £6.9M of savings throughout three different sites...**

Rolls-Royce  
(Granta webinar)

## Case studies from:

Airbus Helicopters  
**AWE**  
Boeing  
**Cessna**  
Doosan Babcock  
**Ethicon Surgical Care**  
GKN Aerospace  
**General Motors**  
Honeywell  
**ITP**  
Jaguar Land Rover  
**Lockheed Martin**  
Molex  
**NASA**  
PSA Peugeot Citroën  
**Rolls-Royce**  
RUAG Space  
**Sulzer**  
United Technologies Corp.  
**Vestas**  
ZF/TRW Automotive

Read these and further case studies at:  
[www.grantadesign.com/casestudies](http://www.grantadesign.com/casestudies)



[www.grantadesign.com](http://www.grantadesign.com) | [info@grantadesign.com](mailto:info@grantadesign.com)

UK/World  
+44 (0)1223 518895

USA  
1-800-241-1546

Germany  
0800 182 5026

France  
08 00 76 12 90

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