

We make material intelligence work for you



Our mission is to lead materials information technology—to advance materials engineering and education, and to enable better, greener, safer products.

Materials information technology is where software and information technology meet materials science and engineering. Now part of ANSYS Inc, Granta has been the leader in this niche field for twenty years, since our spin-out from Cambridge University Engineering Department.

We help materials engineering teams to be more efficient and effective as they build their organizations' material intelligence. We help companies make better decisions about their use of materials such as metals, composites, and plastics. And we help university educators to develop material intelligence in the next generation of engineers and scientists.

Some of our customers

Airbus

Boeing

Doosan Power Systems

Emerson Electric

GE

General Motors

GKN Aerospace

Honeywell

Jaguar Land Rover

Lockheed Martin

NASA

Philips

PSA Peugeot-Citroën

Rolls-Royce

United Technologies Corp

Many of these companies are Granta consortia members. More at grantadesign.com/consortia

We also support over 1,000 universities and colleges worldwide.



SOFTWARE



Materials applications for teaching, R&D, managing materials knowledge, materials strategy, and product design and development.

INFORMATION



A unique, comprehensive library of materials property data, related information, and materials education resources.

SERVICES



Unrivalled experience of implementing materials information technology in industry. A dedicated materials education team.

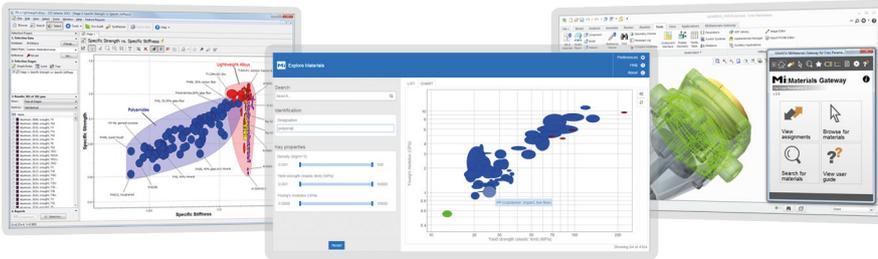
NETWORK



Collaborating with the best engineering enterprises, technology providers, materials institutions, and the global materials education community.

Solutions for Industry

Our GRANTA MI software is the leading system for materials information management in engineering enterprises. Create a controlled 'gold source' for all of your organization's vital data, information, and knowledge relating to materials. Provide this information when and where it is needed, for simulation, design, or across the product lifecycle – ensuring accuracy and traceability. Our CES Selector supports smart materials decision-making. Granta software enables businesses to drive innovation, saves time and cost, and avoids risk. More at: www.grantadesign.com/industry



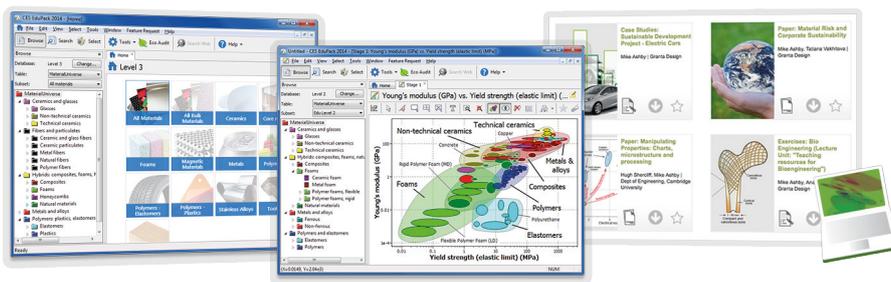
Supporting Materials Education

Granta provides the world's leading resources to support and enhance materials teaching in engineering, design, and sustainability.

CES EduPack™ combines a comprehensive database of materials and process information with software tools to plot and explore materials properties, supported by hundreds of teaching resources including lectures, student exercises, graphics, and project ideas. These resources have been created by Granta founder Professor Mike Ashby, our Teaching Resources Team, or contributed by educators worldwide.

Granta also supports three regular Symposia (in the US, Europe, and Asia), bringing together hundreds of university-level educators every year to share ideas and experience, and advance materials education.

More on our work in education at www.grantadesign.com/education



Our collaborative approach

Collaboration has always been at the heart of Granta's approach. We work closely with customers, particularly through our industry consortia projects, to meet market needs. Our open eco system and strategic partnerships with leading providers of CAD, CAE, and PLM software deliver material intelligence where it is needed in design and simulation. Our data partnerships create an unrivalled library of materials reference information. And we act as a hub for the materials education community.

Key company facts

- Headquartered in Cambridge, UK
- A spin-out from Cambridge University in 1994, acquired by ANSYS in 2019
- The largest organization focused entirely on materials information technology
- 180 staff plus sales and service partners providing global service
- Working with the world's leading engineering enterprises and universities
- Strategic partnerships with leading PLM, CAD, CAE providers
- Our vision: 'Material intelligence, integrated throughout R&D, education, and the product lifecycle'

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

Major aerospace enterprise
(Granta webinar)

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