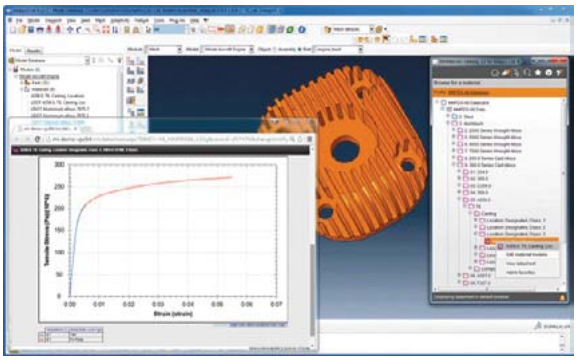
LATEST GRANTA MI: MATERIALS GATEWAY VERSION 3.0

At this year's SIMULIA Community Conference, Granta is demonstrating Version 3.0 of the GRANTA MI:Materials Gateway™ for Abaqus/CAE®.

Granta provides the leading system for materials information management in engineering enterprises. GRANTA MI™ enables these companies to manage their materials data lifecycle—storing all of their complex proprietary materials data (e.g., property data for metals, composites, and plastics) alongside relevant reference data provided by Granta, and managing this information resource as data changes with on-going research, testing, analysis, or simulation.

GRANTA MI:Materials Gateway for Abaqus/CAE is a proven technology that integrates this systematically-managed materials information with the SIMULIA simulation software. Abaqus/CAE users get direct access to validated CAE materials models from within their familiar simulation environment. They simply open the MI:Materials Gateway window within Abaqus/CAE, search and browse the available materials in their company database, view their datasheets, choose applicable CAE materials models, and then import these models with a single button-click. Full traceability is provided, along



GRANTA MI:Materials Gateway for Abaqus/CAE.

with version control and notification, so that users can have confidence in the data they are using. These tasks are quick, interactive, and carry no risk of error during data transfer.

The new GRANTA MI:Materials Gateway Version 3.0 operates with Abaqus 6.14. Optimizing usability has been a key focus for this release—with enhanced performance, familiar operations such as undo/redo use of keyboard shortcuts, and the ability for users to save and re-use combinations of search criteria that reflect their requirements.

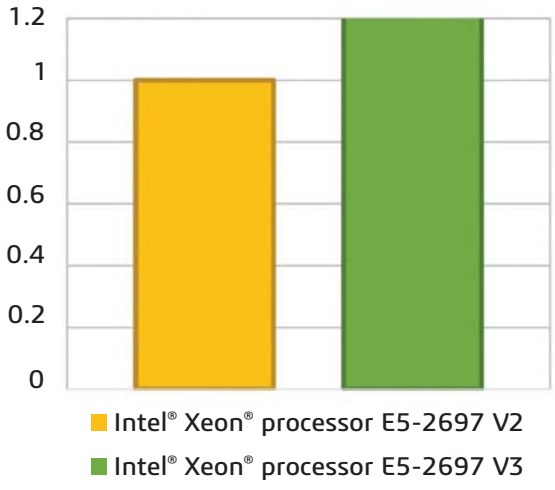
INTEL AND NOR-TECH TEST WORKLOADS ON THE LATEST CLUSTER TECHNOLOGY

Upgrading cluster hardware offers a path to faster and more accurate simulations, which can help engineering and design teams speed up development cycles and gain deeper insight into product behavior. Intel and Dassault Systèmes have optimized Abaqus FEA software code for the latest Intel® Xeon® processor E5 v3 product family and the performance benefits can be substantial.

To provide general guidelines, Intel and Dassault Systèmes measured performance for SIMULIA Abaqus FEA across six standard benchmarks that reflect a variety of design scenarios. The results showed an average performance gain of 22 percent for a system based on the latest Intel Xeon processor E5 v3 product family compared with a system running on previous-generation processors.

Your in-house performance gains will depend on the size and complexity of your design models and the configuration of your existing system. You can quantify the benefits by running your actual workloads on a current generation test cluster. Intel, Dassault Systèmes, and Nor-Tech offer virtual test drives on a two-ten node Windows or Linux cluster based on the Intel Xeon processor E5 v3 product family. It's a relatively simple process that can help you make informed upgrade decisions based on your specific business and computing needs.

SIMULIA Abqus Unified FEA
Average performance across 6 typical workloads



"The increased capacity of the new Intel® Xeon® processor E5 v3 enables more efficient execution of larger problems in less time."

–Matt Dunbar, Software Architecture Director, Dassault Systèmes