

## MULTIPHYSICS MODELING & SIMULATION

COMPLETE ACCESS TO THE STATE-OF-THE-ART POWER OF ABAQUS FOR ANALYSTS WITHIN THE 3DEXPERIENCE PLATFORM

Simulation is a driver of innovation at many companies today and is no longer simply an engineering activity used after-the-fact to fix problems. From solve to innovate, the Multiphysics Modeling & Simulation portfolio provides complete access to the state-of-the-art power of Abaqus for analysts within the 3DEXPERIENCE platform environment allowing not only solving, but also knowledge capture, tool integration, design space exploration, best-practice development, methods re-use, and collaboration. The portfolio maximizes the value of a customer's investment in simulation horsepower by allowing simulation results and IP to become a true corporate asset that powers innovation.

## KEY BENEFITS

- Realistically model and simulate the response of parts, sub-systems, and complete assemblies for product, nature, and life
- State-of-the-art Abaqus simulation technology in a collaborative framework
- Review and manipulate simulation model assembly structure using templates and pre-defined rules to increase modeling accuracy and repeatability
- Built on the simulation process and innovation management framework enabling customers to capture the expert knowledge of their users

