



MicroSat Systems Accelerates Satellite Time-to-Launch with Realistic Simulation Solutions from Dassault Systèmes

Abaqus Unified FEA Software from SIMULIA Provides Small Business Competitive Edge for Innovative Satellite Development

Paris, France, and Providence, R.I., USA, October 9, 2007 – Dassault Systèmes (DS) (Nasdaq: DASTY; Euronext Paris: #13065, DSY.PA), a world leader in 3D and Product Lifecycle Management (PLM) solutions, today announced that MicroSat Systems, a fast-growing provider of high-performance satellites based in Colorado, USA, is accelerating the evaluation of product performance and reliability with Abaqus Unified Finite Element Analysis (FEA) software from SIMULIA.

“With more commercial and government programs needing small satellites capable of carrying larger payloads, it is critical to our success to be able to deliver flexible satellite solutions that meet their requirements in a shorter amount of time,” said Todd J. Mosher, Ph.D., director, advanced systems, MicroSat Systems Inc. “We selected Abaqus FEA software due to its reputation for sophisticated nonlinear simulation including pre-loads, mechanisms, and thin-shell aerospace applications.”

MicroSat Systems is using Abaqus Unified FEA software to analyze the structural and thermal response of their satellite systems, which consist of a modular bus structure; lightweight and foldable, thin-film, solar array systems; and miniaturized avionics. Realistic simulation solutions from SIMULIA are enabling MicroSat Systems to develop a competitive product line of satellite buses that provide more payload, power, data processing, and pointing accuracy.

“Our strategy of delivering advanced FEA technology with improved usability is key to enabling small to mid-size companies such as MicroSat Systems to accelerate the development of innovative products,” stated Ken Short, vice president, SIMULIA strategy and marketing, Dassault Systèmes. “The technology in Abaqus Unified FEA makes it possible to analyze the full spectrum of a product’s physical performance and get closer to real-world behavior more affordably than previously possible.”

SIMULIA’s scalable suite of Unified FEA products allows users to collaborate seamlessly, sharing simulation data and approved methods across multidisciplinary workgroups.

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About MicroSat Systems, Inc.

MicroSat Systems, Inc. offers high-performance microsatellites and spacecraft subsystems – including space power systems, advanced miniaturized avionics and lightweight composite structures – to government and commercial customers. MicroSat is currently building the Demonstration and Science Experiment (DSX) spacecraft for the Air Force and is also developing advanced spacecraft subsystems in thin-film solar arrays, plug-and-play avionics and lightweight structures. For more information visit, www.microsatsystems.com

About SIMULIA

SIMULIA is the Dassault Systèmes brand that delivers a scalable portfolio of Realistic Simulation solutions including the Abaqus product suite for Unified Finite Element Analysis, multiphysics solutions for insight into challenging engineering problems, and lifecycle management solutions for managing simulation data, processes, and intellectual property. By building on established technology, respected quality, and superior customer service, SIMULIA makes realistic simulation an integral business practice that improves product performance, reduces physical prototypes, and drives innovation. Headquartered in Providence, RI, USA, with R&D centers in Providence and in Suresnes, France, SIMULIA provides sales, services, and support through a global network of over 30 regional offices and distributors. For more information, visit www.simulia.com

About Dassault Systèmes:

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 100,000 customers in 80 countries. A pioneer in the 3D software market since 1981, Dassault Systèmes develops and markets PLM application software and services that support industrial processes and provide a 3D vision of the entire lifecycle of products from conception to maintenance to recycling. The Dassault Systèmes portfolio consists of CATIA for designing the virtual product - SolidWorks for 3D mechanical design - DELMIA for virtual production - SIMULIA for virtual testing - ENOVIA for global collaborative lifecycle management, and 3DVIA for online 3D lifelike experiences. Dassault Systèmes is listed on the Nasdaq (DASTY) and Euronext Paris (#13065, DSY.PA) stock exchanges. For more information, visit <http://www.3ds.com>

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These graphics are associated with the 09-October-2007 Press release from Dassault Systèmes and MicroSat Systems. ([link to PR](#)).

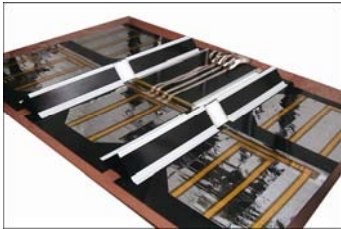


Image 1. MicroSat Systems Thin Film Solar Array.

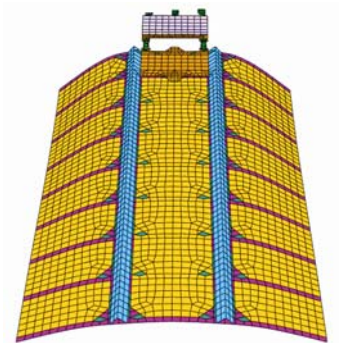


Image 2. Abaqus Unified FEA software from SIMULIA is used by MicroSat Systems to simulate the deployment kinematics and associated loads on thin film solar arrays.

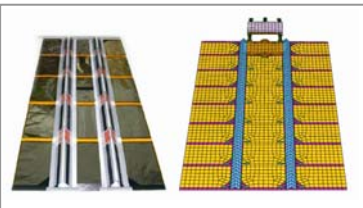


Image 3. Realistic deployment performance of MicroSat Systems' innovative thin film solar array (left) is modeled and simulated using Abaqus Unified FEA software (right) from SIMULIA.