



## **Dassault Systèmes and Sogeti High Tech Author Digital Manufacturing Book**

### ***From Virtual Concept to Real Profit, New Book Roadmaps How to Adapt to a Rapidly Changing Business Environment Using Product Lifecycle Management Technologies***

**Paris, France, November 17<sup>th</sup>, 2009** – Dassault Systèmes (DS) (Euronext Paris: #13065, DSY.PA), a world leader in 3D and Product Lifecycle Management (PLM) solutions, and Sogeti High Tech, leader in Engineering and Technology Consulting Services and specialist in simulation and custom built PLM solutions, 100% subsidiary of Capgemini Group, today announced the release of a book on increasing profits through digital manufacturing and simulation. The book is a joint collaboration between Dassault Systèmes and Sogeti High Tech. Both have combined efforts to explain the digital manufacturing and simulation revolution. In five chapters, this book explains how a seamlessly integrated fabric of information technology, digital manufacturing, simulation, robotics and physical production is no longer just an idea, but a reality for real profit.

For manufacturers, global competition, which has become increasingly fierce due to the economic crisis and issues tied to green business, provides an opportunity if not a necessity to rethink the way that products are developed and manufactured. This means that innovation is imperative; not only at a technological level, but in every aspect of the product development cycle. The major barrier to improving productivity is related to efficient planning and controls. Companies should focus more on effective means to reduce manufacturing costs and to improve their activity planning.

“This book covers exciting possibilities and the accompanying challenges offered by modern digital manufacturing and simulation to efficiently and effectively conduct profitable business in ways that, even a few years ago, could only have been dreamt of. In the near future, lifelike experience and extended digital manufacturing will be at the very heart of any state-of-the-art manufacturing company,” said Philippe Charès, CEO DELMIA, Dassault Systèmes.

Modern digital manufacturing and simulation are the main enablers for obtaining such benefits. Digital manufacturing is the capability to define and simulate exactly how a product will be built in a global collaborative environment.

Simulation is key to many business operations, and its application is still developing at a rapid pace, supported by modern mathematics, information technology and computer graphics to create a 100% lifelike experience. Evolving from 2-D representation via 3-D and so-called “digital mock-up” we now enter the stage of digital manufacturing. It involves an integrated suite of tools to define and simulate all manufacturing operations and resources in the context of a product and a production plant. Modern digital simulation allows engineers to validate and optimize manufacturing processes.

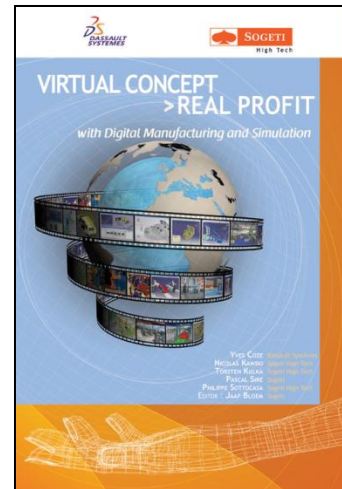
“Present-day economic reality forces organizations to take a hard look at their strategies and practices of manufacturing. Modern digital manufacturing and simulation offer a potential order of magnitude increase in both efficiency and innovation. However, to deliver on this promise barriers must be overcome. This book addresses challenges and benefits, and lays out the vision of a state-of-the-art manufacturing environment,” comments Dominique Lafond, CEO, Sogeti High Tech.

The following people have also participated in this book: Frédéric Bertaud, formerly responsible for the Digital Factory project at Airbus; Michel Vrinat, independent consultant with a broad range of experience in nearly 30 years in design and engineering and product data management; Philippe Hamon, R&D Director LEONI Wiring Systems; Fulvio Rusina, [Advanced Engineering Director](#) at Comau; Fernando Mas, responsible for CAD/CAM and Digital Factory at AIRBUS military’.

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#### **About Sogeti**

Sogeti is a leading provider of professional technology services, specializing in Application Management, Infrastructure Management, High Tech Engineering and Testing. Working closely with our clients, we enable them to leverage technological innovation and achieve maximum results. Sogeti brings together more than 20,000 professionals in 14 countries and is present in over 200 locations in Europe, the US and India. Sogeti is a wholly owned subsidiary of Cap Gemini S.A., listed on the Paris Stock Exchange. For more information please visit [www.sogeti.com](http://www.sogeti.com).

Sogeti High Tech is a leading company in Engineering and Technology Consulting Services. With more than 20 years of expertise, we undertake major technical and engineering innovation projects for the R&D departments of global industrial firms:

- Research & Development with the maintenance in operational conditions
- Outsourcing Research and Development and Innovation Advice.
- Scientific and technical research and developments, mechanical design, development of complex systems.
- Control and industrial data processing.

#### **About Dassault Systèmes**

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 115,000 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' shares are listed on Euronext Paris (#13065, DSY.PA) and Dassault Systèmes' ADRs may be traded on the US Over-The-Counter (OTC) market (DASTY). For more information, visit <http://www.3ds.com>.

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Yves Coze is vice president, Sales & Marketing DELMIA EMEA South at Dassault Systèmes. An expert in PLM solutions as well as sales and marketing, Coze oversaw the integration and merger of companies purchased by Dassault Systèmes to form the DELMIA brand. He set up the sales department of the new brand, and has established DELMIA offices in Italy and Sweden. Before joining Dassault Systèmes, Coze was managing director for France at Engineering Animation Incorporated, a 2-D and 3-D visualization software company. Prior to that, Coze was southern Europe director for SHERPA, a product data management company.

Nicolas Kawski is a technical manager at Sogeti High Tech's Simulation Department in France. Having graduated as an engineer in fluid mechanics, Kawski worked on the development of parametric standards and modulus integration for mechanics simulation as well as on the optimization of structural analyses in aeronautical projects. Kawski currently oversees research and development of Sogeti High Tech's simulation offer, focusing on multi-disciplinary process acceleration.

Torsten Kulka is business development manager of the Product Lifecycle Management and digital mock-up department of Sogeti High Tech in Germany. Previously, Kulka worked on several digital factory projects in the aerospace, automotive and supplier industry. His focus is on digital manufacturing planning, virtual reality and methodical engineering data exchange, and on technical and business processes, comprising the product life cycle.

Pascal Sire is currently a global innovation catalyst on assignment at Sogeti. His base is IBM, where he teamed up with Strategic Alliances to enable global systems integrators to use innovative technologies and social networking. Previously, Sire was a technical expert in new technologies and a software architect at IBM, helping clients from aerospace, automotive, and other industries, progressing from a local to a European then global level.

He was also an Internet entrepreneur before the dotcom bubble burst. Sire is an engineer and holds an Advanced Master's degree in Innovative Design (TRiZ expertise). He has now extended his business interest to strategies for intellectual capital and innovation.

Philippe Sottocasa heads the Simulation Department of Sogeti High Tech in France. An expert in simulation solutions, Sottocasa oversaw the development of the simulation offer within Sogeti. He set up the environment (experts, software, hardware and partnerships) necessary to support the "Simulation Out of the Box" concept. Before this role, Sottocasa was managing a business unit dedicated to engineering services in aerospace, specialized in numerical simulation and composite structure.

Jaap Bloem is a senior analyst at VINT, Sogeti's Research Institute. Bloem's expertise ranges from (open) innovation to IT governance, cloud computing, new media usage and development, and industrial automation. Before joining Sogeti, Jaap Bloem was a consultant at KPMG Consulting's World Class IT Department, and a publisher and editor-in-chief at Wolters Kluwer. With its VINT Research Institute (Vision Inspiration Navigation Trends), Sogeti aims to guide organizations around the globe in their effort to successfully integrate technology and grow their business.