**Webinar Events**

Learn how simulation technology is improving productivity in a variety of manufacturing industries. Register here for the Simulate More webcast series.

**Register Today! >>**

Dear ,

Industry analysts forecast challenging times ahead. This issue focuses on simulation and data management strategies which will best position engineering manufacturers in readiness for economic recovery.

Thank you.

**Executive Message****FROM THE DESK OF AMIR MOBAYEN, EXECUTIVE VP OF WORLDWIDE SALES**

MSC remains well positioned as both a strong commercial supplier and partner despite the tough economic times. We have an established and sustainable company committed to providing excellence in customer focused software and service solutions.  
[Read more >>](#)

**Company Headlines****VIRTUAL PRODUCT DEVELOPMENT CONFERENCE 2009**

Register today to attend MSC.Software VPD Conferences around the world and qualify for early registration discounts.  
[Read more >>](#)

**MD SOLUTIONS HONORED IN CHINA WITH PRESTIGIOUS AWARDS**

MSC.Software announced that its next generation multi-discipline (MD) solutions have been recognized with two notable technology awards in China.  
[Read more >>](#)

**FORD MOTOR COMPANY CONTINUES RICH HISTORY WITH MSC**

MSC.Software announced that Ford Motor Company has signed a new agreement, extending their 20 year history of engineering simulation and innovation using MSC.Software products.  
[Read more >>](#)

**TRIPLE EIGHT RACE ENGINEERING CONTINUES WITH MD SOLUTIONS**

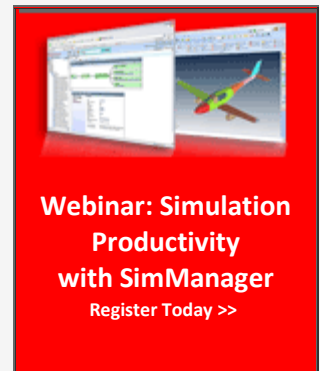
MSC.Software announced that Triple Eight Race Engineering has extended their relationship to include the company's multi-discipline (MD) solutions. With the addition of MSC.Software's MD solutions, Triple Eight Race Engineering aims to progressively increase the scale, complexity, and ultimately the reliability of their race car simulations. Since becoming MSC.Software partners in 2004, Triple Eight and VX Racing have won nine championships, including the triple crown last season.

**MSC.Software**

- > **Executive Message**
- > **Company Headlines**
- > **Product Information**
- > **Industry/Technology**
- > **University/Education**

**Regional**

- > **Regional Message**
- > **Event Highlights**
- > **Event Calendar**
- > **Training**



**Webinar: Simulation Productivity with SimManager**  
[Register Today >>](#)



**e=MSC**  
VIRTUAL PRODUCT DEVELOPMENT CONFERENCE



[Read more >>](#)

#### **JAGUAR LAND ROVER CHOOSES MSC TO OPTIMIZE SIMULATION PROCESSES**

MSC.Software announced that Jaguar Land Rover has selected the company's SimEnterprise solutions including MD and SimManager, as well as core engineering products including MSC Nastran and Adams, to optimize their simulation processes. This deal provides Jaguar Land Rover with the core engineering tools for their transition from Ford as well as the foundation for simulating more effectively and efficiently and attaining higher levels of productivity.

[Read more >>](#)

#### **FRONTIER WIND SELECTS MSC FOR INNOVATION IN WIND TURBINE DESIGN**

MSC.Software announced that Frontier Wind, LLC has selected several MSC.Software solutions including the SimEnterprise solutions, SimManager and SimXpert, and MD Adams. Through the use of these simulation solutions, Frontier aims to develop more robust products, lower warranty costs and, through lean engineering and best practice re-use, increase profit margins.

[Read more >>](#)

### **Product Information**

#### **SUPERCHARGE YOUR SIMULATION PRODUCTIVITY WITH SIMMANAGER**

Learn how MSC SimManager, the emerging standard solution for simulation data management, can cut your product development costs by 40%.

[Read more >>](#)

#### **'SIMULATE MORE' TRAINING WORKSHOPS**

MSC is excited to provide you with hands-on interaction with our latest generation CAE solutions and products. These training workshops are intended to provide general product introductions and overview with basic examples of how to use our products. You'll even get a sneak peak at and first test drive of some significant new capabilities coming in our upcoming product release. Topics include: Mechanical System Simulation with SimXpert, Structural and Thermal Analysis with SimXpert, and Virtual Build & Test Management with SimManager. Workshops will be held in conjunction with MSC's VPD Conferences.

[Read more >>](#)

### **Industry/Technology**

#### **NOVACOMP SIMULATES MORE COLLABORATIVELY WITH SIMMANAGER**

This case study illustrates how NovaComp Engineering, Inc. used SimManager Workgroup Edition to improve communication and enhance transparency for all stakeholders in a CAE project, reduce the risk of losing critical data, and work as an out-of-the-box solution that can be up and running in a matter of hours.

[Read more >>](#)

#### **SIMULATING FLUID-STRUCTURE INTERACTION**

Do you know when to use fluid structure analysis? Some examples are listed below for when you would want to include fluid and structure in the same analysis:

- The structure has a significant effect on the dynamic response and acoustic modes in the fluid, especially when the structure is very flexible (for example - noise in an aircraft cabin when the normal modes of the air in the cabin are similar).
- In general when the natural frequencies of the fluid are close to those of the structure and/or forcing function.
- The fluid has a significant effect on the dynamic response of the structure (for example - fuel tanks).

[Read more >>](#)

## **VPD 2009**

Perspectives on  
Accelerating Productivity  
in a Slowing Economy  
[Register Now >>](#)

## University/Education

### ACADEMIC TEACHING TRACK TO BE HELD AT AMERICAS VPD CONFERENCE

There are numerous university course instructors around the world who are using MSC software to complement their teaching. To help these academic customers network with their peers, exchange ideas, and discuss best practices, we are hosting a special University track again at this year's VPD Conference in The Americas. [Read more >>](#)

### SPECIAL TRAINING 'FOR UNIVERSITY COURSE INSTRUCTORS ONLY'

We are planning to conduct two special training courses again this year - one on FEA and one on Motion Simulation - designed to help university instructors include MSC software in their engineering coursework. Dates for these no-fee courses at MSC headquarters have been set aside as June 8-12 and June 22-26. If you are interested, use our Request Information form to let us know and we will contact you as soon as details are finalized. [Request info >>](#)

### HIRE FROM SCHOOLS TEACHING OR DOING RESEARCH WITH MSC SOFTWARE

The mission of our Global University Program is to build stronger bonds between academic and industrial customers using MSC software. If you work in industry and would like to know more about schools, professors, and students using MSC software, we welcome you to tell us that via our Request Information form - we would be glad to help make the desired connections. [Request info >>](#)

---

## Regional Message

### VPD CONFERENCE 2009: AMERICAS REGION UPDATE

The Americas VPD Conference will be held on April 21-22 at the Pointe Hilton Tapatio Cliffs Resort in Phoenix, Arizona. It's not too late to register and take advantage of last minute discounts. [Read more >>](#)

## Event Highlights

### SOLUTION WEBINARS FOR MANUFACTURING INDUSTRIES CONTINUED

Throughout 2009 MSC.Software will be holding a series of Solution Webinars highlighting the use of simulation technologies in a range of manufacturing industries. Each webinar session will last approximately 45-60 minutes and will focus on a particular industry scenario application, followed by a hosted discussion forum. Together the full webinar series will build a valuable picture of how virtual prototyping is helping everyday manufacturing organizations to cost effectively explore new design concepts, to verify and optimize their designs, and to maintain competitive advantage. [Read more >>](#)

### ON-DEMAND WEBINARS AVAILABLE

If you missed any of the manufacturing industry webinars held in March, you may listen to the webcast recording. Topics included: Sustainable Packaging Solutions, Cardiovascular Devices, Wind Turbine Reliability, Packer Seal Safety, and Nuclear Waste Casks. [Listen now >>](#)

## Event Calendar

MSC.Software is participating in or sponsoring / co-sponsoring in the events listed below:

Date	Event	Location
Apr 21 - 22	Americas VPD Conference	Phoenix, AZ
Apr 21 - 23	National Defense Industrial Association (NDIA) 10th Annual Science and Engineering Technology Conference / DoD Tech Expo	Charleston, SC

Apr 20 - 23	SAE World Congress	Detroit, MI
May 4 - 7	WINDPOWER 2009 Conference & Exhibition	Chicago, IL
May 4 - 7	AIAA/ISSMO MultiDisciplinary Analysis & Optimization Conference	Palm Springs, CA
May 12 - 14	Armed Forces Communications and Electronics Association (AFCEA) Joint Warfighting Conference & Expo	Virginia Beach, VA
May 19 - 21	SAE 2009 Noise and Vibration Conference and Exhibition	Chicago, IL
May 27 - 30	American Helicopter Society (AHS) Annual Forum	Grapevine, TX
Jun 7 - 10	PTC User World Event 2009 - 20th Anniversary	Orlando, FL

## Training

Register now >>

Date	Class Name	Location
Apr 13 - 15	MAR101: Marc Mentat Introduction	Santa Ana, CA
Apr 13 - 17	NAS122: Dynamic Analysis Using Patran and MSC Nastran	Cincinnati, OH
Apr 27 - May 1	PAT301: Computer Based Modeling for Design and Analysis with Patran	Bellevue, WA
Apr 27 - 30	SMM301: SimManager Configuration	Cincinnati, OH
Apr 28 - 30	ADM704: Advanced Adams/View	Santa Ana, CA
May 4 - 7	NAS102: MD Nastran Dynamic Analysis	Santa Ana, CA
May 4 - 6	SMM201: MSC SimManager Rapid Implementation	Santa Ana, CA
May 6 - 8	SND502: Thermal Analysis Using Patran with MSC Sinda	Southfield, MI
May 12 - 15	NAS105: Practical Finite Element Analysis Techniques using MSC Nastran	Santa Ana, CA
May 12 - 14	ADM710: Flex Body Dynamics and Modal Stress Recovery using Adams	Southfield, MI
May 18 - 19	EAS101: Intro to Dynamic System Modeling Simulation and Analysis using Easy5	Santa Ana, CA
May 20 - 21	EAS103: Modeling Simulation of Fluid Power Systems Using Easy5	Santa Ana, CA
May 27 - 29	MAR103: Marc Experimental Elastomer Analysis	Ann Arbor, MI
May 27 - 29	SMX131: MSC SimXpert Templates	Southfield, MI
Jun 1 - 5	ADM701: Basic Adams/View and Solver	Toronto, ON
Jun 1 - 5	SMX101: Introduction to MSC SimXpert	Santa Ana, CA
Jun 8 - 11	NAS101: Basics MSC Nastran Linear Static and Normal Modes Analysis	Cincinnati, OH
Jun 8 - 12	NAS120: Linear Statics Normal Modes and Buckling Analysis MSC Nastran & Patran	Toronto, ON
Jun 15 - 17	MAR102: Marc Mentat Advanced	Santa Ana, CA
Jun 16 - 19	ADM703: Advanced Adams/Solver	Southfield, MI
Jun 22 - 24	SMO101: Introduction to Analysis Using MSC SimOffice	Santa Ana, CA
Jun 29 - 30	ADM761: Basic Adams/Chassis	Southfield, MI
Jun 29 - Jul 1	NAS110: DMAP and Database Application in MSC Nastran	Bellevue, WA
Jul 7 - 8	PAT325: Patran Introduction to Laminate Modeler	Santa Ana, CA

Jul 13 - 15	NAS123: MSC Nastran Implicit Nonlinear (SOL 600) Analysis	Cincinnati, OH
Jul 20 -22	SMD101: Structural and Thermal Analysis Using MSC SimDesigner	Santa Ana, CA

Course schedule subject to change. Please check our website for up-to-date information.

