



MSC.Software invites all customers to a User Day September 21

The day will be packed with news about our products; hands-on presentations and a chance to meet the MSC team and fellow CAE colleagues. The User Day is free of charge and will take place in our office in Göteborg on September 21. Don't miss this opportunity to get an update on the latest technologies in the field of CAE.

09:00-09:15	Welcome and introduction	Johan Landergren
09:15-09:45	What's new Adams	Fredrik Sjögren
09:45- 10:30	What's new Marc	Magnus Andreasson
10:30-10:45	Break	
10:45-11:45	What's new Nastran	Stefan Thynelius
11:45-12:45	Free Lunch	
12:45-13:45	SimXpert introduction	Fredrik Sjögren/ Stefan Thynelius
13:45-14:45	SimXpert hands-on exercise	Fredrik Sjögren/ Stefan Thynelius
14:45-15:00	Break	
15:00-15:25	Introduction SimManager	Fredrik Sjögren
15:25-15:45	What's new Patran	Magnus Andreasson
15:45-	Q&A, dialogue and wrap-up	

If you wish to participate, please send a mail to info.no@mscsoftware.com no later than September 17. MSC's office is located at Hängpilsgatan 6, 426 77 Västra Frölunda, Sweden. Parking is available in front of the office on all parking lots with an MSC sign. Office Phone : +46 31 748 59 90

Short about news in our Products;

Adams – industry standard for MBS-simulations – now features an improved solver which allows for even larger models. The 3D-contact can now be used for most kinds of flexible bodies, both shells and solids.

Adams/Car is growing also outside the car industry and now features a database for trucks and construction machinery. New tools have been added to adjust measured tire data to Adams tire models. The tire model can now also take soft surfaces such as snow and sand into account.

Adams compatibility with Matlab/Simulink has been improved which allows for more Simulink models to be used in mechanical models in Adams.

Marc 2010 includes a completely new method for contact analysis called Segment to Segment. This allows higher precision for contact stress analysis and makes it easier to deal with large shell models.

In multiphysics there are now several new coupled analysis types for electromagnetism, thermal and structure.

The latest version of Marc has support for modern CPU-design with several cores which greatly reduces the time consumption of a simulation.

SimXpert is MSC's new pre- and post processor with a modern interface. SimXpert is the core of MSC's strategy with the capability to simulate several different disciplines in a common model with a common interface. SimXpert can be highly integrated with CAD models. Changes made in SimXpert can directly affect the CAD model and vice versa.

With SimXpert Templates you can create processes that can be used and reused as building blocks in a new process. A complex analysis can be completely or partly automated which saves the user a lot of time.

SimXpert Systems & Controls is a completely new workspace to simulate control systems, hydraulics and gas dynamics.

Patran 2010 has a new, more efficient GUI. The compatibility with CAD and the support for MD Nastran's capabilities has improved even further. Patran is now available in 64-bit versions for both Windows and Linux.

SimManager is a Virtual Build & Test Management system that manages all aspects of performing simulation. SimManager is focused on meeting the sophisticated data management and processing needs specific to the simulation community.

Nastran is the world's most widely used FEA solver. No further introduction is necessary. We will demonstrate some of the news in Nastran 2010. It is now possible to make linear contact analysis in Nastran. With the new optimization option Nastran can improve design by tinkering with the sizing, shape and topology of object.