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*Transforming the
process of innovation*



Teamcenter for Simulation Product Roadmap – PLM World 2006

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Product Manager



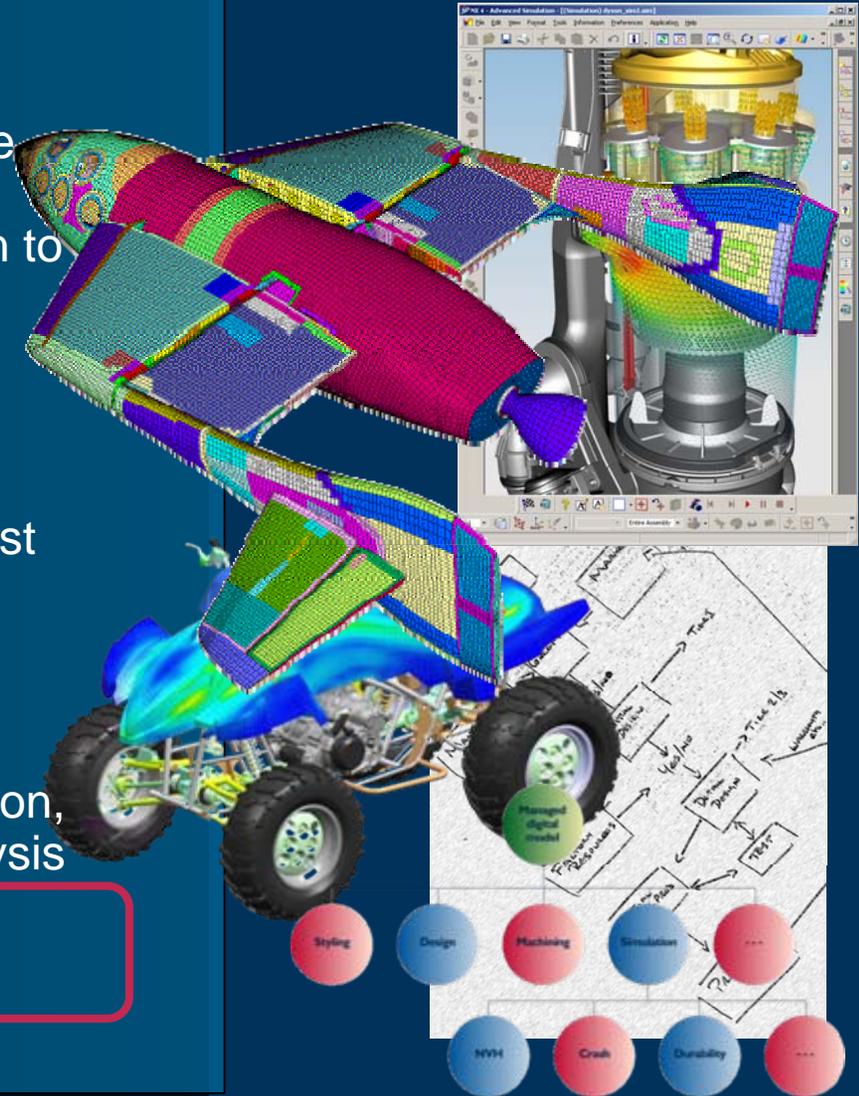
Vision & Objectives

Vision

- ▶ Digital Simulation Solutions that are pervasive throughout the product lifecycle and that enable Simulation to affect and drive product designs

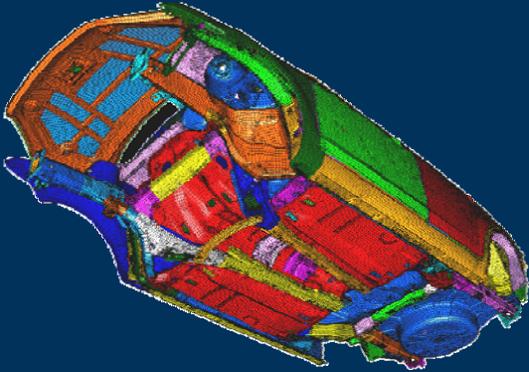
Key Objectives

- ▶ Best-in-class, scalable CAE pre-post solutions
- ▶ Market recognized, physics based solvers
- ▶ Integrated system analysis for motion, flexible bodies, and response analysis
- ▶ Data management





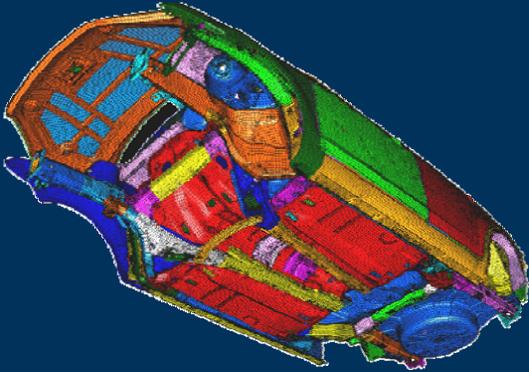
Topics



- ▶ Product Strategy
- ▶ Roadmap
 - ▶ Tc Eng 2005 SR1
 - ▶ Beyond Tc Eng 2005 SR1



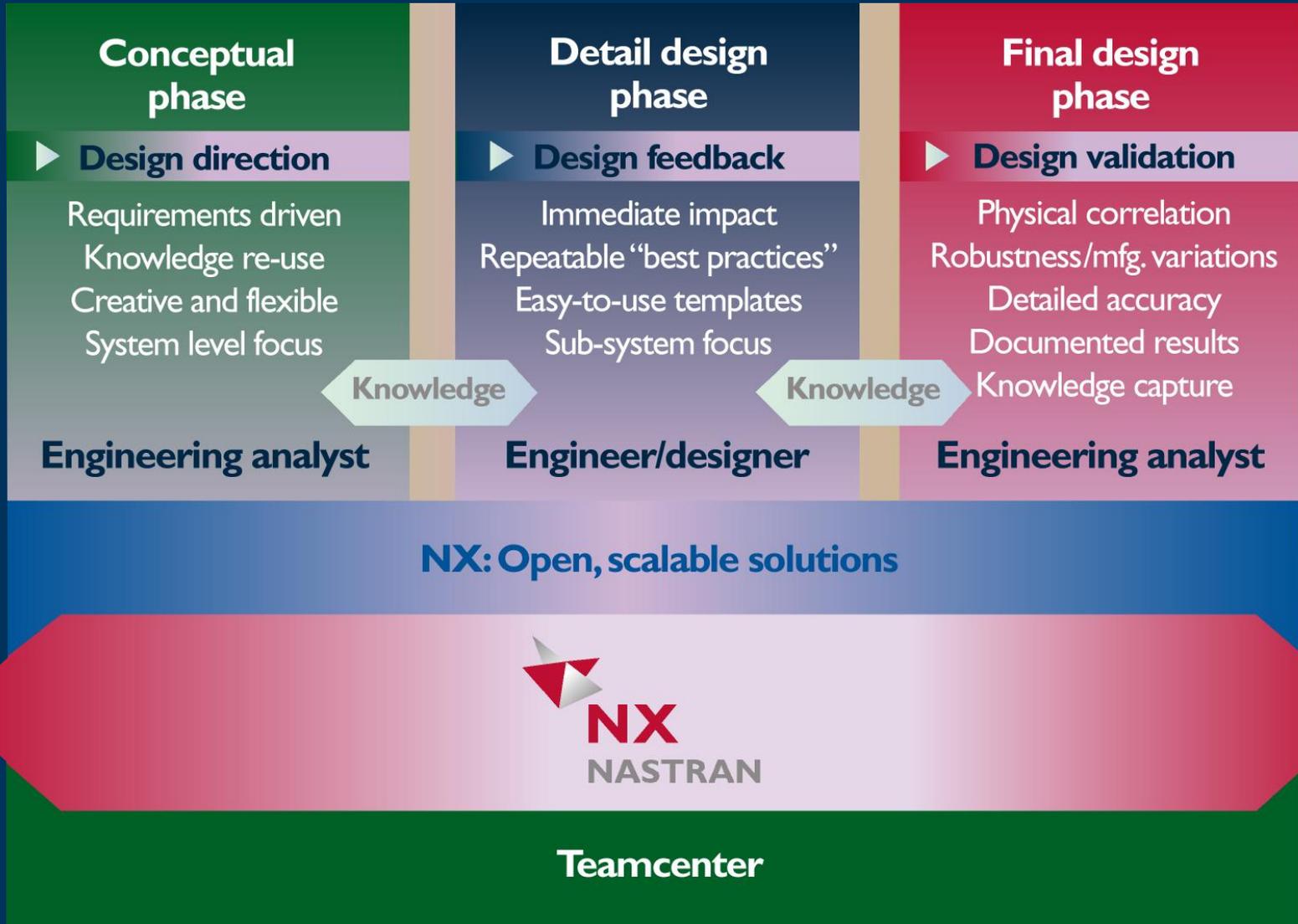
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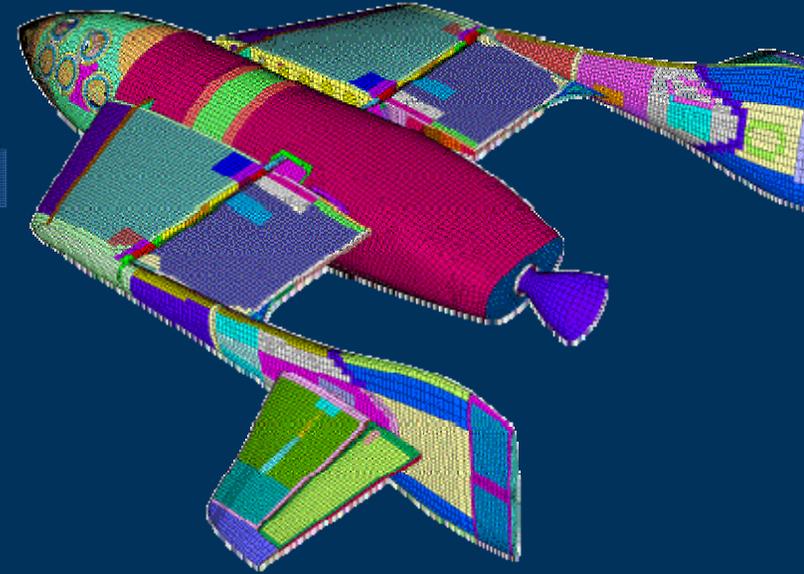
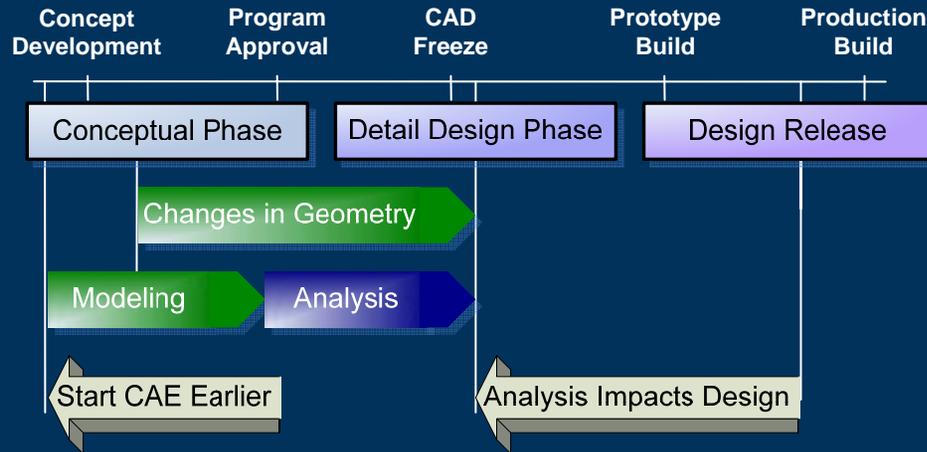


Scalable, Managed Applications Design Engineers & Analysts





Digital Decision Making: Move CAE forward



The Challenge : Product design concepts driven by simulation results



Data Management

- Start system-level CAE early in process
- Reduce the FE modeling/meshing time
- Improve FEA solve turnaround time
- Track the engineering content

Simulation Data Management Challenges

▶ Increasing number of Simulation users

- ▶ Power now at the desktop
- ▶ More analyses being run
- ▶ What data is critical to track?

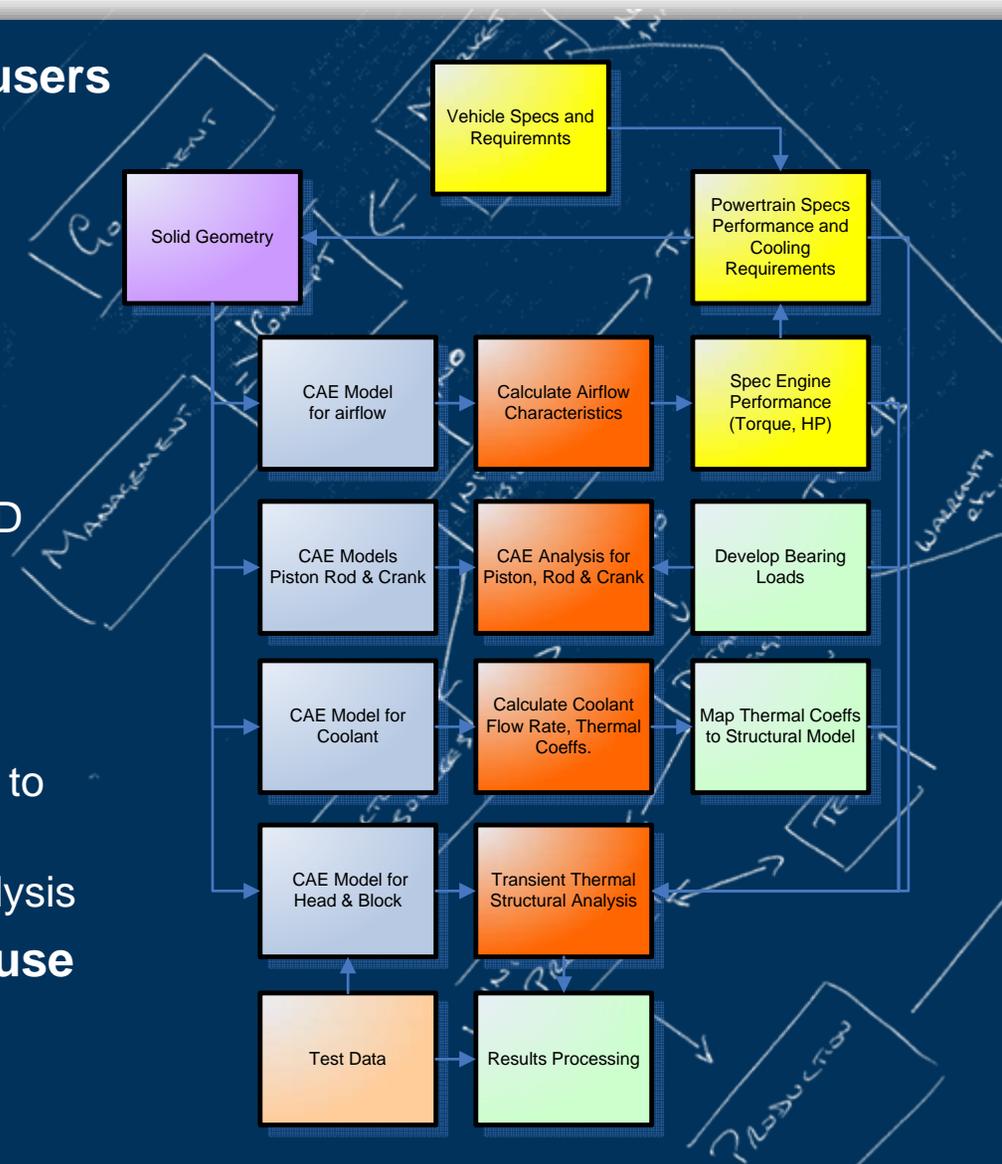
▶ Multiple software solutions

- ▶ One analysis may require many different software packages
- ▶ Often not linked or associated to CAD

▶ Managing CAE process

- ▶ Automation, best practices
- ▶ Setting critical analysis tasks
- ▶ Define components and subsystems to analyze
- ▶ Validation, accountability for the analysis

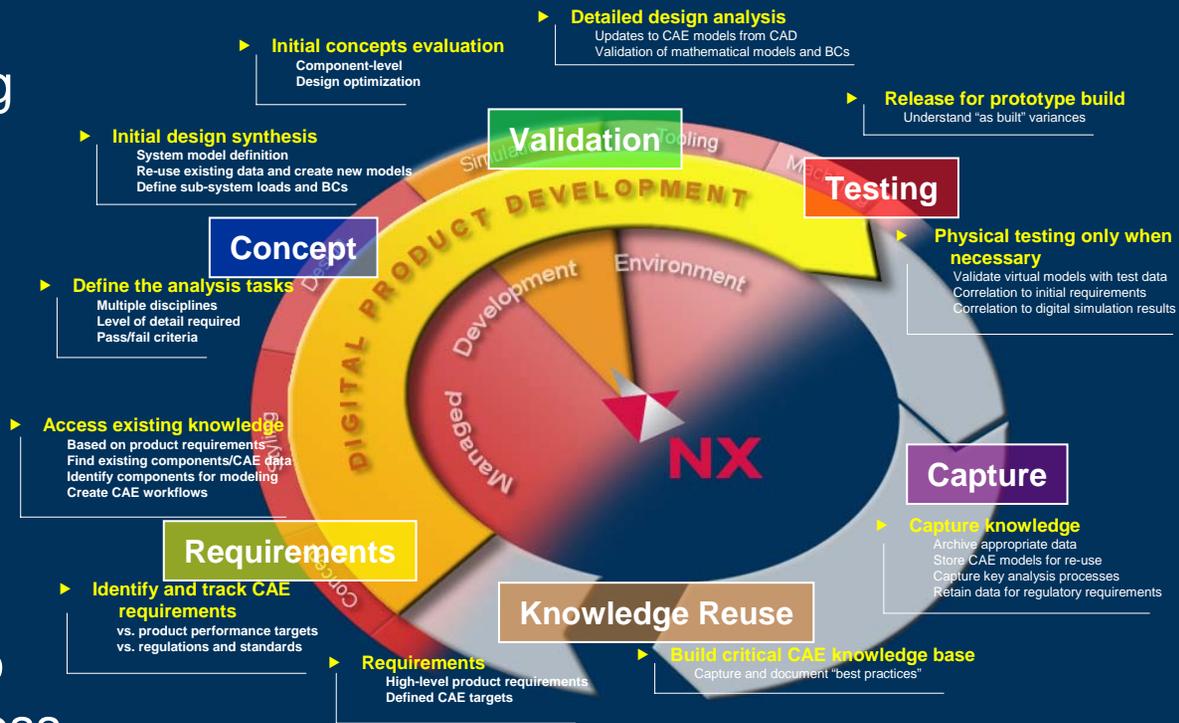
▶ Improving the process - enable reuse of data





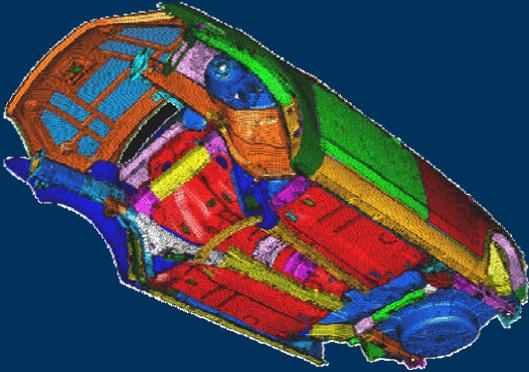
Simulation Data Management Benefits

- ▶ Having confidence that you can trust the data is right and the analysis is indicative of the performance
- ▶ Ensuring analysis results are available in time to influence the design
- ▶ Handling an increasing variety of product data
- ▶ Investigating more physics and more options
- ▶ Working with more confidence and speed
- ▶ Capturing CAE data to re-use more often across brands and for new product revisions





Topics

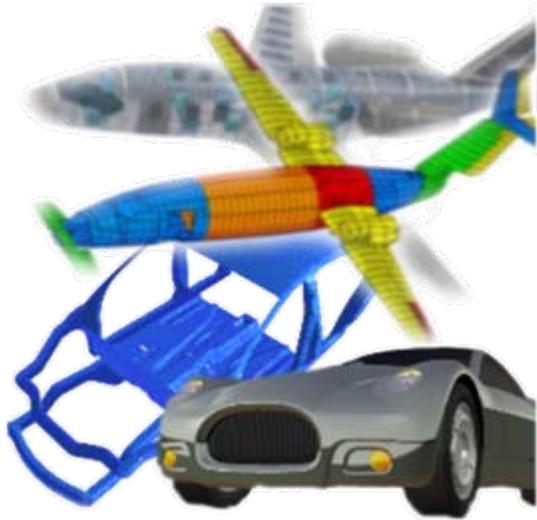


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Roadmap Details

- ▶ To be presented at conference



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Thank You!

Q&A