

Announcing Teamcenter 9

The Backbone of the Collaborative Decision Support Platform

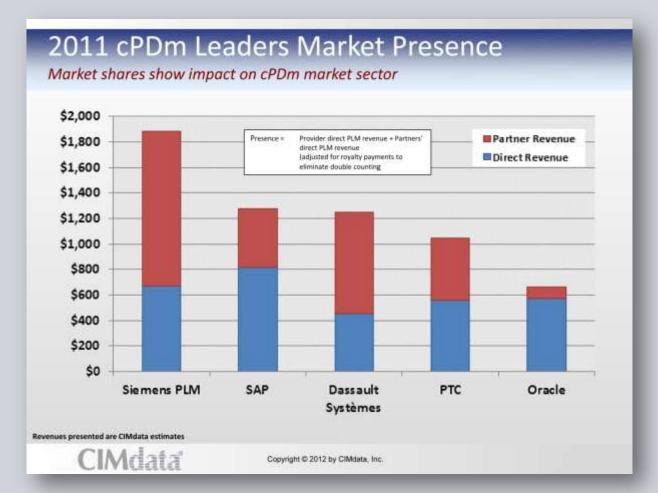
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Welcome to Teamcenter!

Teamcenter Proven Global Leadership More than a Decade at #1 According to CIMdata





"Siemens PLM
Software continues to
set the pace in the
cPDm market
segment with their
Teamcenter solution
suite, as shown in our
annual market survey"

Peter Bilello President of CIMdata

CIMdata

Source: CIMdata 2011 Market Analysis Results, PLM Market & Industry Forum



Teamcenter Proven Global Leadership



"An enterprise approach backed by openness as the central theme has helped SPLM's Teamcenter achieve a de facto enterprise solution standard in the discrete industries.

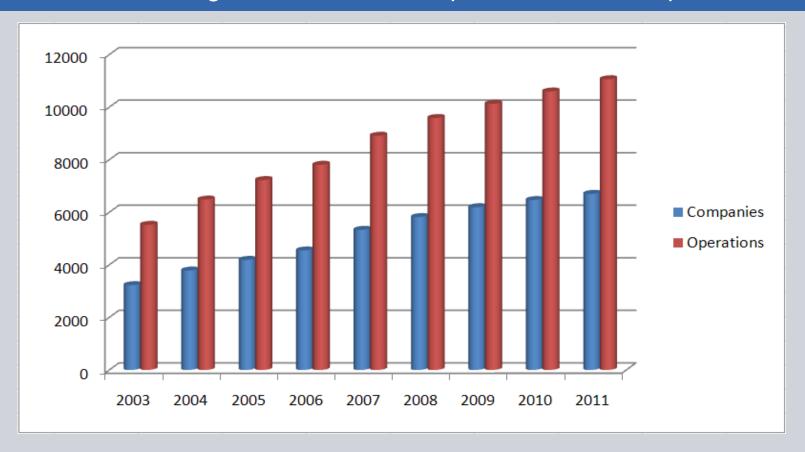
Teamcenter answers the needs of end users looking for a stable, end-to-end solution with core enterprise engineering functionality depth in the discrete PLM segment."





Teamcenter Customer Growth in CY2011

Continued growth → 6700 Companies at 11,100 operations!









90% of sector leaders use Teamcenter

Top Engine Manufacturers	Collaboration
GE	TEAMCENTER
Pratt Whitney	TEAMCENTER
Rolls-Royce	TEAMCENTER
MTU Aero Engines	TEAMCENTER
Snecma	TEAMCENTER
Volvo Aero	TEAMCENTER
Avio	TEAMCENTER
Honeywell	TEAMCENTER
САТҮРН	TEAMCENTER
Shenyang Liming	TEAMCENTER

Top Airframe Manufacturers	Collaboration
Boeing	TEAMCENTER
EADS	Other
Lockheed Martin	TEAMCENTER
Northrop Grumman	TEAMCENTER
BAE Systems	TEAMCENTER
Alenia Aeronautica	TEAMCENTER
SAAB	TEAMCENTER
L3 communications	TEAMCENTER
EMBRAER	Other
SUKHOI	TEAMCENTER



Leadership in Automotive





10 of the top 15 Automotive OEMs & 12 of the top 15 Suppliers

Top 16 Global	Enterprise
OEMS	Collaboration
Toyota	In-house
GM	TEAMCENTER
VW/Audi	TEAMCENTER
Hyundai	Other
Ford	TEAMCENTER
Nissan	TEAMCENTER
Honda	Other
PSA	Other
Suzuki	TEAMCENTER
Renault	Other
Fiat	TEAMCENTER
Daimler	TEAMCENTER
Chrysler	TEAMCENTER
BMW	In-house/Other TEAMCENTER
Mazda	TEAMCENTER

Top 16 Global	Enterprise
Suppliers	Collaboration
Robert Bosch	TEAMCENTER/Other
Denso Corp	TEAMCENTER/In-house
Continental	TEAMCENTER/Multi
Aisin Seiki Co.	Other
Magna Intl	TEAMCENTER/Multi
Faurecia	TEAMCENTER/Other
Johnson Controls	TEAMCENTER/Other
ZF Friedchshafen	TEAMCENTER/Other
LG Chen Ltd.	Other/In-house
Hyundai Mobis	TEAMCENTER/Other
TRW Auto.	TEAMCENTER/Other
Delphi Corp	TEAMCENTER
Yazaki Corp	TEAMCENTER/Other
Lear Corp	TEAMCENTER/Other
Sumitomo	TEAMCENTER/Other



Leadership in Electronics & Semiconductors



All leaders in Electronics and Semiconductors rely on Teamcenter

Top Consumer Electronics 8	Sk
Semiconductor	

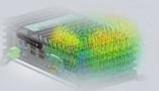
Other/ TEAMCENTER
Other/TEAMCENTER
TEAMCENTER

Top Consumer Electronics & Semiconductor

Applied Materials	TEAMCENTER
ASML	TEAMCENTER
Kodak	TEAMCENTER
Lam Research	TEAMCENTER
Lexmark	Other/TEAMCENTER
Mettler-Toledo	TEAMCENTER
Nikon	TEAMCENTER
Teradyne	TEAMCENTER
Xerox	TEAMCENTER
Haier	TEAMCENTER











14 / 16 top Machinery and 9 / 16 top heavy equipment rely on Teamcenter

Top 16 Industrial	Enterprise
Machinery	Collaboration
Siemens	TEAMCENTER
Sandvik	TEAMCENTER
ABB	TEAMCENTER
Voith	TEAMCENTER
Emerson	TEAMCENTER
Wartsila	TEAMCENTER
Air Products	TEAMCENTER
JTEKT	TEAMCENTER
Mori Seiki	None
Sauer Danfoss	TEAMCENTER
Hermle	TEAMCENTER
KBA	TEAMCENTER
Heidelberg	TEAMCENTER
Timken	TEAMCENTER
FMC	TEAMCENTER
MAG	Other

Top 16 Heavy	Enterprise
Equipment	Collaboration
Caterpillar	TEAMCENTER
John Deere	Other
Volvo	Other
CNH	TEAMCENTER
Terex	Other
Komatsu	Other
AGCO	Other
Metso	TEAMCENTER
Metso JCB	TEAMCENTER TEAMCENTER
	-
JCB	TEAMCENTER
JCB Sandvik	TEAMCENTER TEAMCENTER
JCB Sandvik Hitachi	TEAMCENTER TEAMCENTER TEAMCENTER
JCB Sandvik Hitachi Doosan	TEAMCENTER TEAMCENTER TEAMCENTER Other
JCB Sandvik Hitachi Doosan Krone	TEAMCENTER TEAMCENTER TEAMCENTER Other Other



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Focus Industries

Automotive and Transportation



Environment Information Globalization Safety

Electronics and Semiconductor



Sustainability Information Globalization Quality

Industrial Machinery and Equipment



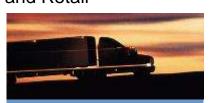
Innovation
Globalization
Sustainability
Profitable Services

Aerospace and Defense



Information
Globalization
Profitable Services

Consumer Products and Retail



Environment
Brand Image
Speed to Market
Reduce Costs

Marine



Information
Globalization
Sustainability
Lifecycle Support

Energy and Utilities



Operations
Sustainability
Innovation
Globalization

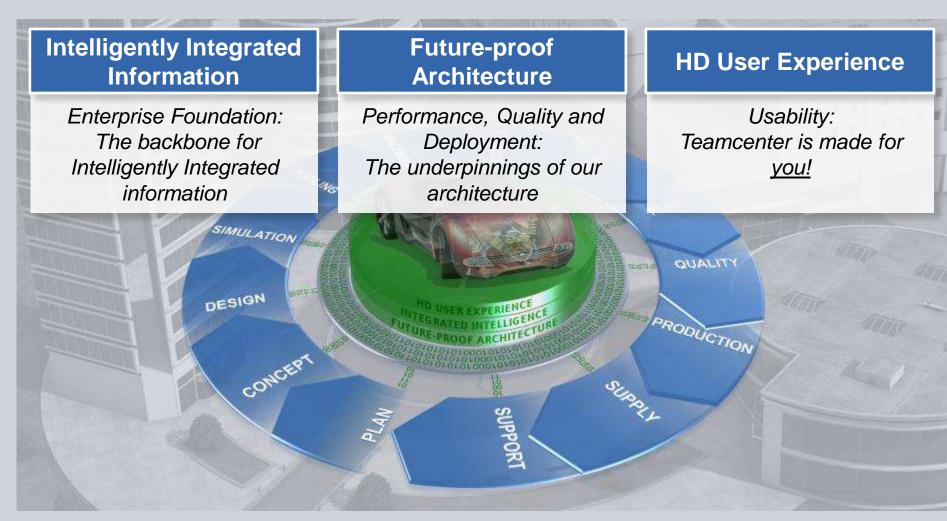
Medical Devices and Pharmaceuticals



Quality
Globalization
Innovation
Compliance



Key PLM investment areas



Understand why information is connected



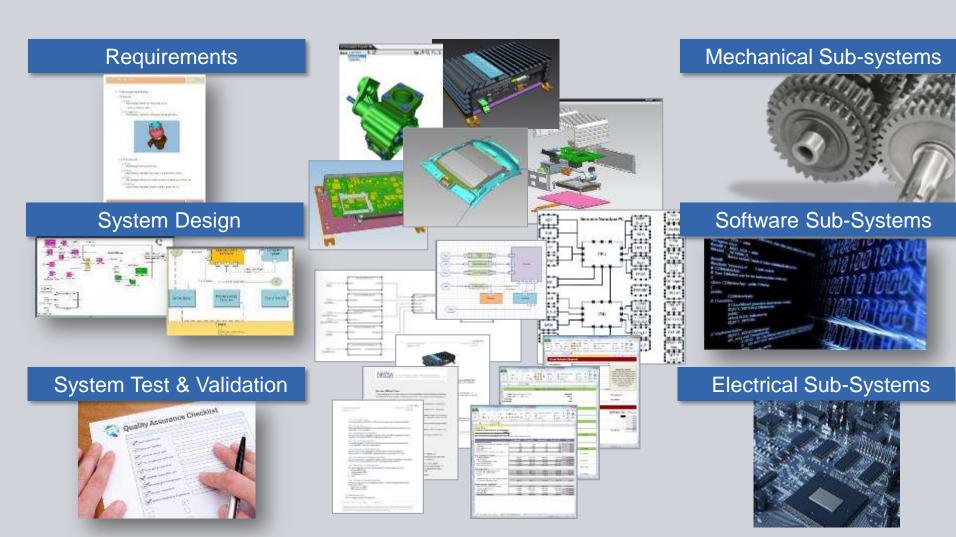
The Semantics of relationships



Challenges in Product Development



Systems of Systems



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Key PLM investment areas

Intelligently Integrated Information

Future-proof Architecture

HD User Experience

Enterprise Foundation: The backbone for Intelligently Integrated information

- Systems Engineering
- Engineering Process Management
- Simulation Process Management
- Manufacturing Process Management
- Content Management
- Maintenance, Repair, and Overhaul



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Intelligently Integrated Information

Future-proof Architecture

HD User Experience

Enterprise Foundation: The backbone for Intelligently Integrated information

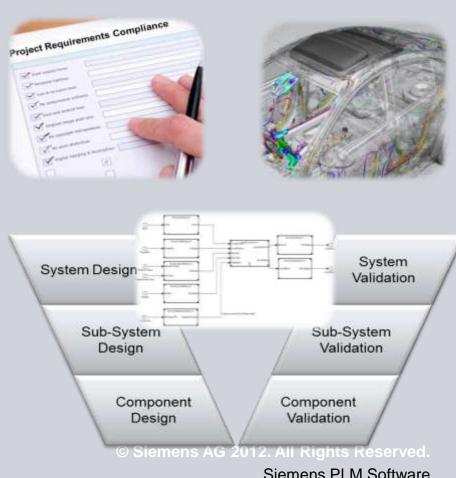
- Systems Engineering
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- Simulation Process Management
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Systems Engineering Challenges



Late stage discovery of system/sub-system integration issues

- Tracing customer requirements across the entire lifecycle
- Collaboration across multiple systems functions, domains and suppliers
- Validating system performance before systems/sub-systems are integrated
- Assessing the impact of change across multiple product configurations

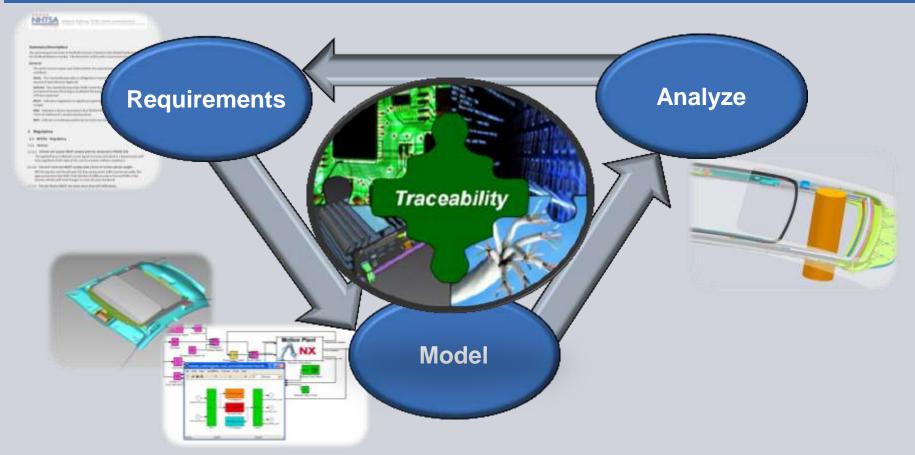


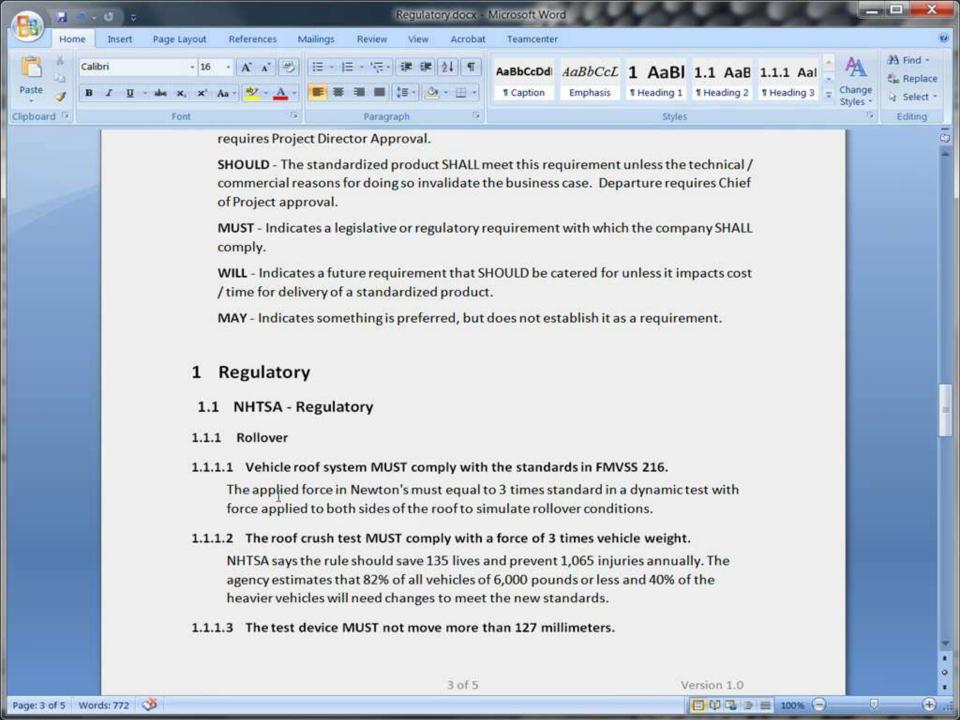
Introducing Teamcenter 9

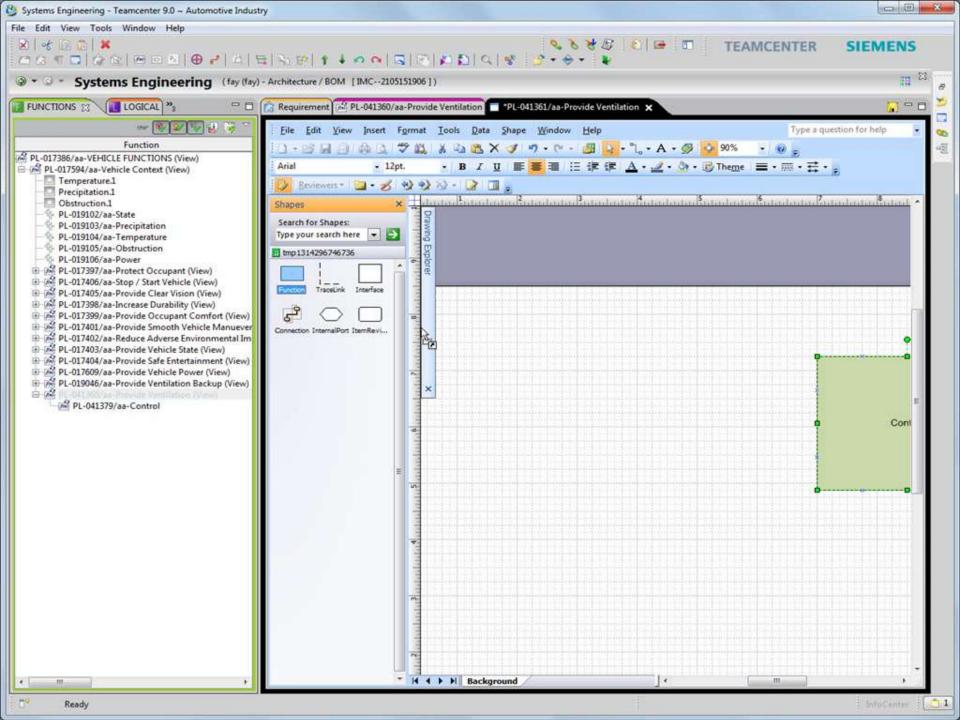


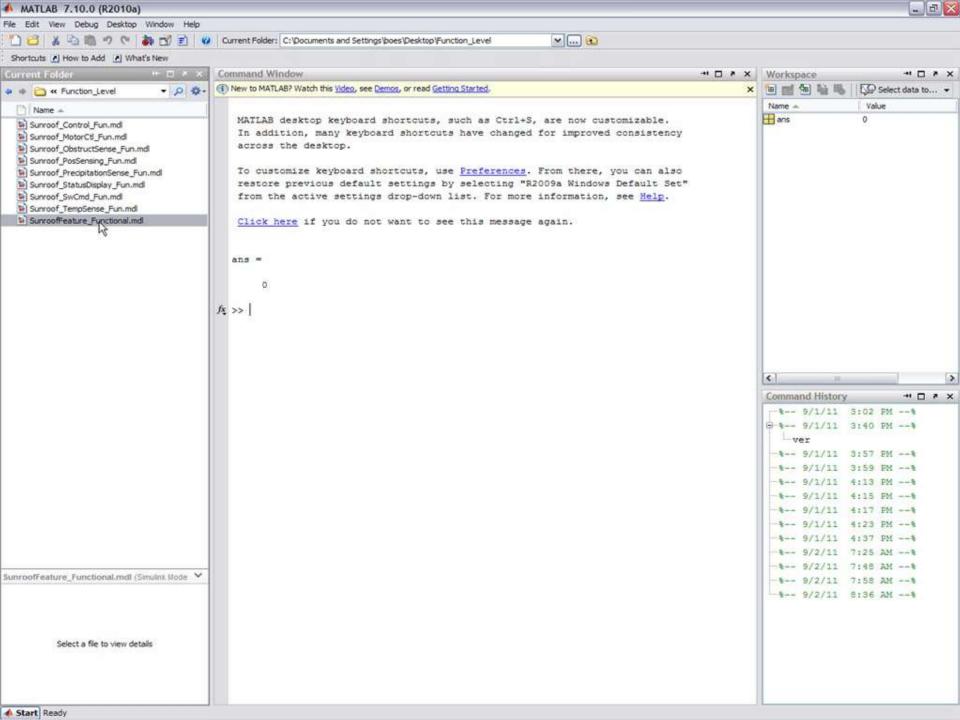
Systems Engineering and Requirements Management

Intelligently integrated information to deliver higher quality products











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Managing Globally Distributed Design ChainsChallenges



Having the right information to make good engineering decisions

- Understanding the right context for decision making
- Working efficiently with multi-CAD data
- Accurately capturing, communicating and executing on issues as they arise



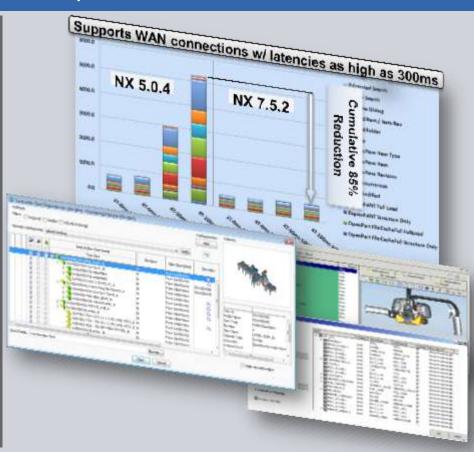
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What's New: Engineering Process Management Multi-CAD Design Management



Expanding our leadership in multi-CAD

- Reduced customer overhead by enabling remote users with latencies up to 300msec
- More intuitive user experience and higher performance integrations
- Enhanced reuse capabilities when working with ProE designs



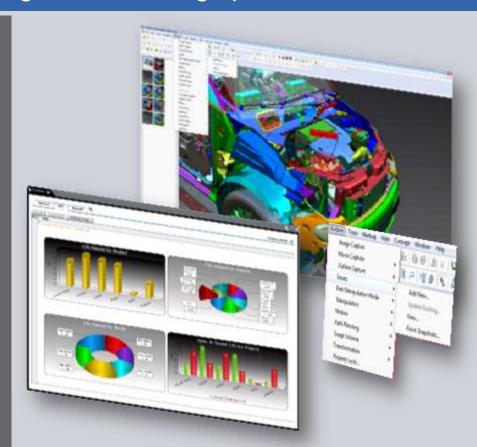
What's New: Engineering Process Management

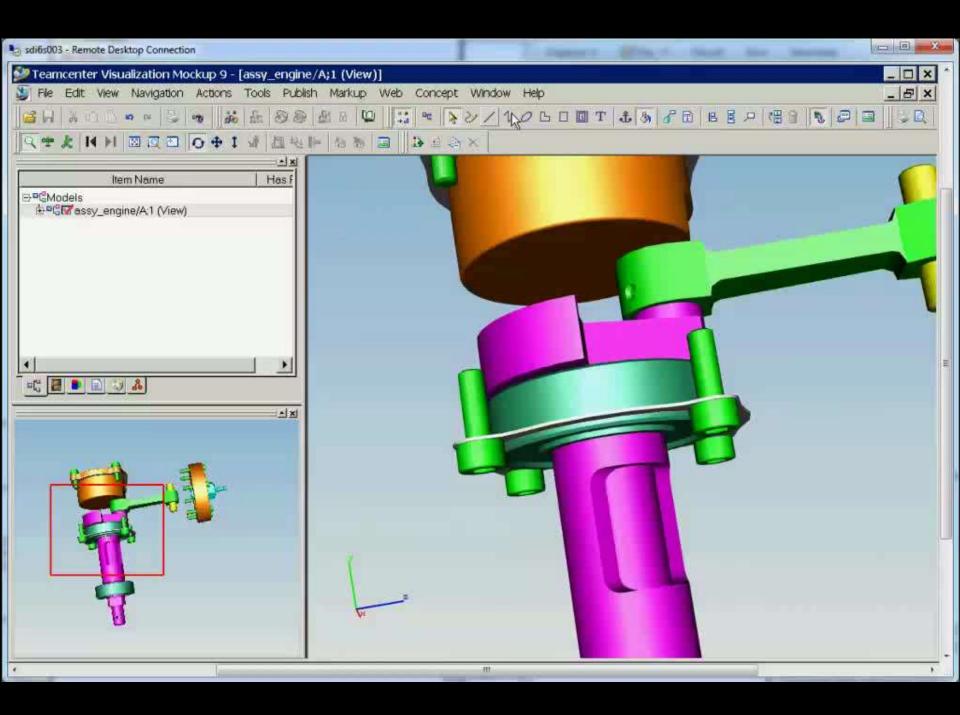


Change Management

Increasing visibility throughout the change process

- Capture and manage visual issues
- Promote visual issues to formal change process
- Create embedded dashboards for increased change process visibility







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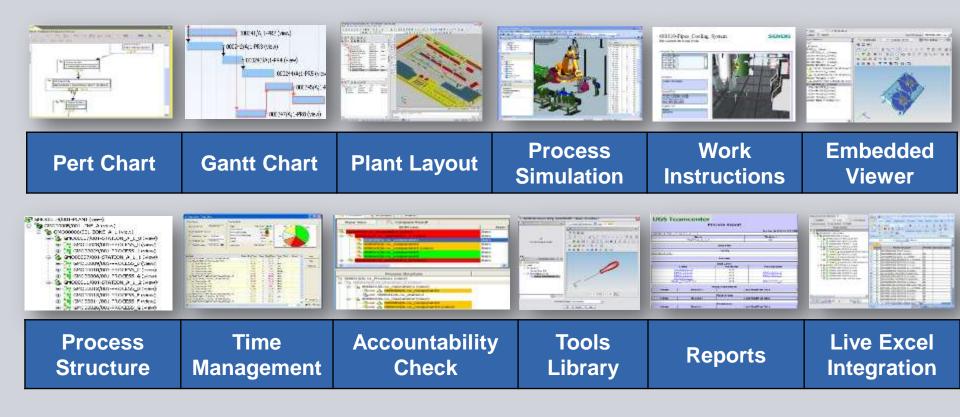
- Systems Engineering
- Engineering Process Management
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Introducing Teamcenter 9





Intelligently Integrate product & process Information





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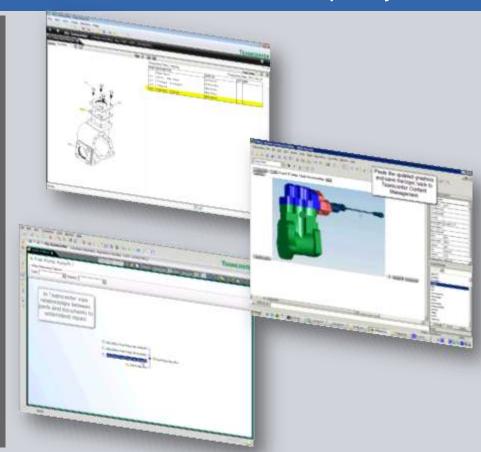
- Systems Engineering
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- Content Management
- · Maintenance, Repair, and Overhaul

What's New: Content and Document Management Integrated documentation authoring



Reduce authoring time and costs, ensure documentation quality

- Author and reuse content as components
- Generate and manage 2D and 3D graphics components
- Automate communication of change impact in context with engineering processes





Key PLM investment areas

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Future-proof Architecture

HD User Experience

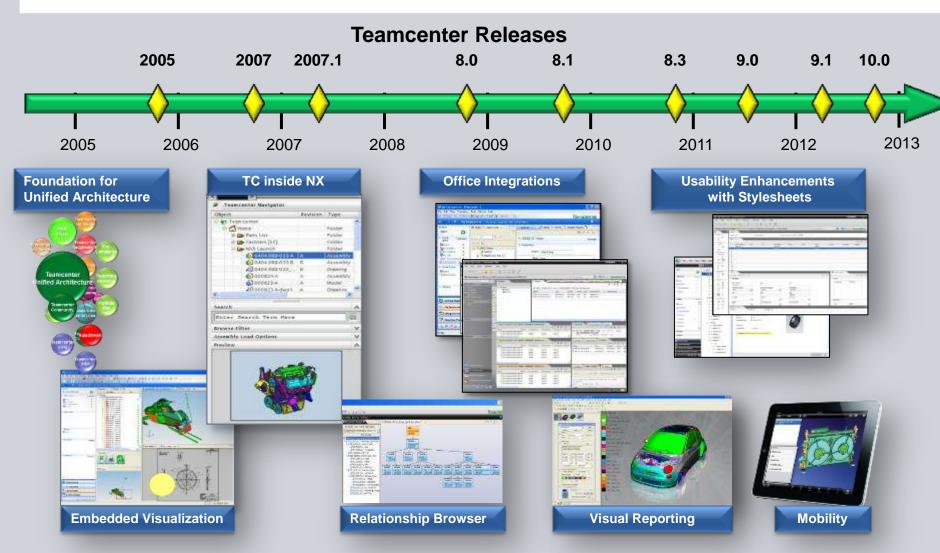
Usability: Teamcenter is made for you!

- Evolution to HD User Experience
- Teamcenter Inside
- Visual Reporting
- Stylesheets
- Mobility
- Active Workspace

User Experience

Evolution to HD PLM





What's New: Teamcenter Mobility Enabling High Definition Decision Support, Anywhere

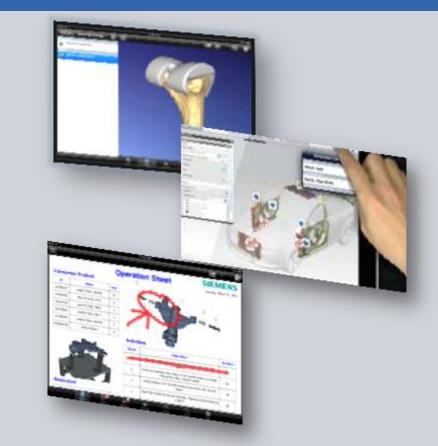


Delivering Value to Real-World Activities

Mobility 2.0 – From Consumer to Author

Teamcenter AppShare on the iPad

Mobility 2.5 – More Functional,
 Easier to Use



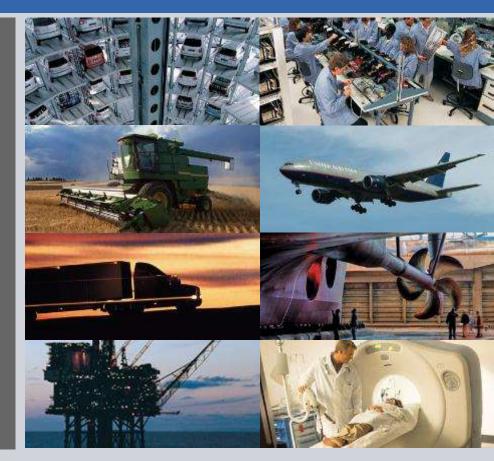
Active Workspace

Solving the Challenge of Complexity



Making Good Decisions with Increasingly Complex Products and Processes

- Find information required for decision making
- Understand impact of change and supporting information
- Identify key stakeholders
- Clearly understand product performance

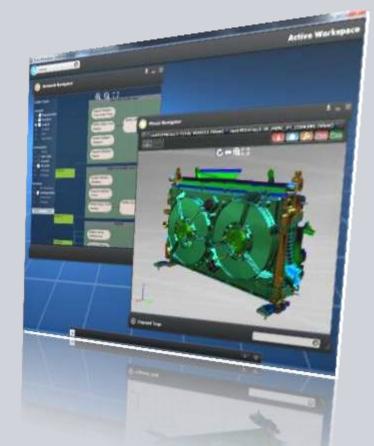


Introducing Active Workspace Making Decisions in High Definition



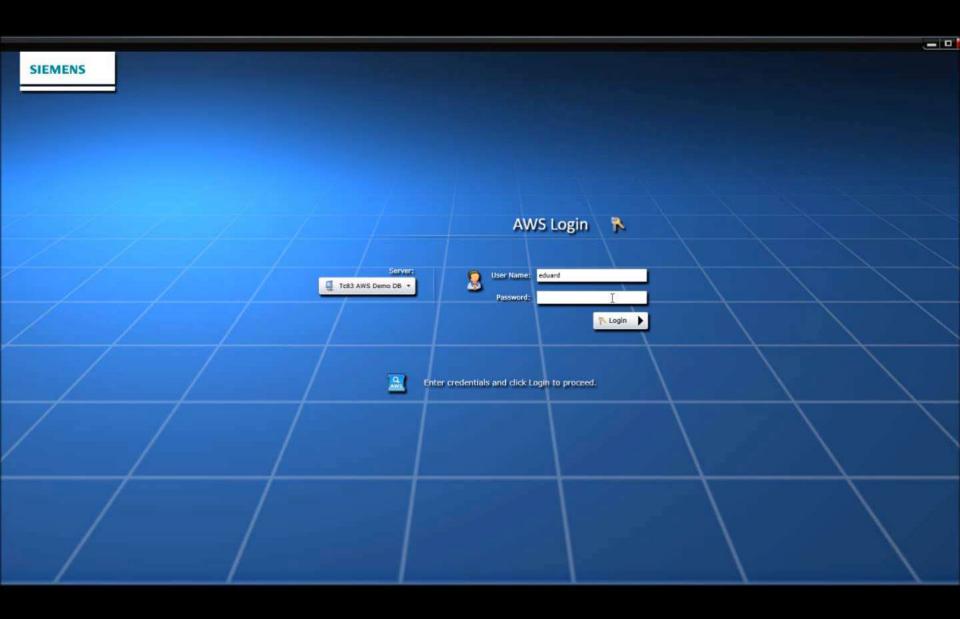
A New Level of Ease-of-Use

- Find the right information, fast with intuitive search tools that understand all your data
- Increase confidence in decisions by understanding all critical impacts
- Make faster, smarter decisions by quickly identifying key stakeholders



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Key PLM investment areas

Intelligently Integrated Information

Enterprise Foundation:
The backbone for
Intelligently Integrated
information

Future-proof Architecture

Performance, Quality and Deployment:
The underpinnings of our architecture

HD User Experience

Usability: Teamcenter is made for <u>you!</u>

End-to-End PLM solutions intelligently integrated across the lifecycle

High performance, scalable, and open architecture for lower TCO

High definition user experience for increase productivity with less training



