Teamcenter on Azure

Connect people and process across functional silos, with a digital thread for innovation with Teamcenter on Azure Cloud
Siemens Cloud: Your way, your pace

Business Models:
- Perpetual
- Subscription

Operational Models:
- On-Site
- Cloud-Based

Both:
- On-Site Perpetual
- Cloud-Based Perpetual
- On-Site Subscription
- Cloud-Based Subscription
Siemens Cloud: Your way, your pace

EXTEND AND BRIDGE
YOUR ON-PREMISES INVESTMENTS TO CLOUD
Multiple paths
Flexible
Scalable
Protected

REMOVE BARRIERS
GROW WHILE MAINTAINING YOUR BOTTOM LINE
Enterprise-level access
Affordable
On your own terms

EXPAND YOUR BUSINESS
THROUGH THE CLOUD API PLATFORM
Develop new solutions
Reach new markets

LARGE ENTERPRISE
SMALL/MED BUSINESS
PARTNERS

Siemens PLM Software
Technological forces transforming industry

Changing the way products come to life
- Generative design
- Intelligent models

Changing the way products are realized
- Intelligent automation
- Additive manufacturing

Changing the way products evolve
- System of systems
- Knowledge automation
- Advanced robotics
- Big data analytics
- Cloud ecosystems
Digital Innovation Platform
Digital Innovation Platform
Teamcenter Solutions

Adaptable, modern PLM solutions
Connecting people and processes
Across engineering and business
Adaptable, modern PLM solutions that connect people and processes across engineering and the business.
Teamcenter Plan

Plan for performance and profitability

• **Requirements**: Integrate requirements throughout the product lifecycle
• **Systems**: Provide a systems engineering solution for everyone
• **Configuration**: Handle more options with less effort
• **Process**: Streamline processes, reduce cost
• **Cost**: Control costs with consistent models and visibility of cost drivers
• **BOM**: Know your product with a common source of BOM information across domains and the lifecycle
Design and define across departments and domains

- **Mechanical:** Manage all your MCAD data in a truly multi-CAD environment
- **Electronics:** Electrical CAD management, collaboration and validation
- **Software:** Integrate ALM and PLM data and processes
- **Simulation:** Understand product performance with CAE and system simulations
- **Documents:** Tools for high quality product documents and technical publications
- **Materials:** Support innovative and sustainable products
Teamcenter
Share

Share product visibility and insight throughout the value chain

- **Visualization**: Collaborate with 2D and 3D design data to make informed decisions
- **Analytics**: Find more, search less with smart user interaction, dynamic search and actionable analytics
- **Sustainability**: Go green with a framework for product sustainability and environmental compliance
- **Manufacturing**: Connect people, systems and machines with a digital thread
- **Service**: Increase service revenue and profit with a single source of service knowledge
- **Suppliers**: Coordinate processes and information across all stages of supplier interaction
Teamcenter Foundation

Build on a flexible, secure and scalable foundation

• **Usability:** Access PLM with an intuitive user experience available anytime, anywhere, on any device
• **Deployability:** Leverage flexible, secure deployments to get up and running quickly and cost-effectively
• **Extensibility:** Easily configure to meet your specific business needs
• **Connectivity:** Connect PLM to ERP and other enterprise applications
Teamcenter
Makes it better than ever before

Ease of Use

Breadth and Depth

3D Leadership

Scalability & Security

Modern Architecture

Cost of Ownership
Benefits of Teamcenter on Azure

**Lower TCO**
- Reduce infrastructure spend
  - Less hardware and IT resources
- Manage and monitor
  - Web-based admin, CloudWatch, PagerDuty
  - Deployment Center
- Optimized Resource Consumption
  - Elastic scalability, microservices, containerization

**Faster Time to Value**
- Realize PLM benefits immediately
  - Faster PLM deployment
- Cloud Enabled Essential Services
  - Storage as a Service, NAT, Load Balancer, Appstream
- Grow as your business grows
  - Scale up or down without downtime
- Enterprise Collaboration: Slack
  - Secure & fast access to product data

**Embrace Innovation**
- Enterprise Collaboration
  - Integrations to Slack, MSTeams
- Adapt to Latest Technology Trends (value-add)
  - AI Classification, NLP, Slack Integrations…etc.
- Rapid product development
  - Leverage cutting edge technology like Mendix for product innovation
Reach Beyond Functional Boundaries
View and analyze without wait time

Active Workspace uses Massive Model Visualization (MMV) to enable quick display of very large models to be displayed for any user, on any device.

Interact with model even before it's fully loaded
Create a complete, nose-to-tail section in just seconds
Teamcenter on the Cloud
Certification Results

1. Teamcenter scales and performs well on the Azure IaaS for at least up to 5,000 concurrent Active Workspace users.

2. System resource utilization measurements suggest far higher numbers of concurrent users could be supported.

3. Server response times and system resource utilization maps consistently with on-premises deployments of Active Workspace.
Microsoft Azure Cloud Deployment

Deployment Models

**Pure cloud deployment**
- Deploy the entire Teamcenter stack on Azure
- Take advantage of cloud benefits
- No infrastructure management required

**Hybrid cloud deployment**
- Choose specific apps and/or data to be placed on Azure versus on-premises
- Take advantage of cloud benefits while keeping high risk information within your own datacenter
Microsoft Azure Cloud Deployment
Azure services and resources in Teamcenter deployments

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Thank You.