Teamcenter on Azure

Connect people and process across functional silos, with a digital thread for innovation with Teamcenter on Azure Cloud

Realize innovation.

SIEMENS
Ingenuity for life

Siemens Cloud: Your way, your pace

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BUSINESS MODELS

PERPETUAL

OR

SUBSCRIPTION

OPERATIONAL MODELS

ON-SITE

OR

CLOUD-BASED

BOTH

ON-SITE PERPETUAL

CLOUD-BASED PERPETUAL

ON-SITE SUBSCRIPTION

CLOUD-BASED SUBSCRIPTION

Siemens PLM Software

Siemens Cloud: Your way, your pace

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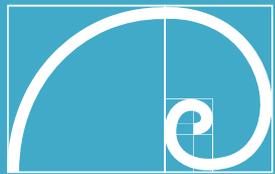| LARGE ENTERPRISE	SMALL/MED BUSINESS	PARTNERS
EXTEND AND BRIDGE	**REMOVE BARRIERS**	**EXPAND YOUR BUSINESS**
YOUR ON-PREMISES INVESTMENTS TO CLOUD	GROW WHILE MAINTAINING YOUR BOTTOM LINE	THROUGH THE CLOUD API PLATFORM
Multiple paths Flexible Scalable Protected	Enterprise-level access Affordable On your own terms	Develop new solutions Reach new markets

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Technological forces transforming industry

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Changing the way products come to life

Generative design

Intelligent models

System of systems

Changing the way products are realized
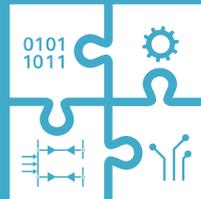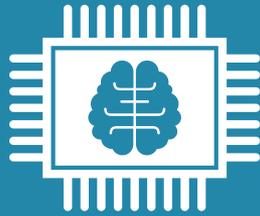
Intelligent automation

Additive manufacturing

Advanced robotics

Changing the way products evolve

Cloud ecosystems
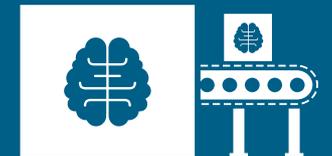
Knowledge automation
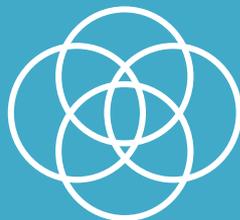
Big data analytics

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Digital Innovation Platform

DESIGN
Mechanical
Electronics
Software
Simulation
Documents
Materials

PLAN
Requirements
Systems
Configuration
Process
Cost
BOM

SHARE
Visualization
Analytics
Sustainability
Manufacturing
Service
Suppliers

TEAMCENTER FOUNDATION
Usability
Deployability
Extensibility
Connectivity

Mechanical

Analytics

Electronics

Execution

Software

Automation

Simulation

Manufacturing

Teamcenter Solutions

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Adaptable, modern PLM solutions

Connecting people and processes

Across engineering and business

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Teamcenter

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TEAMCENTER FOUNDATION
Usability
Deployability
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Connectivity
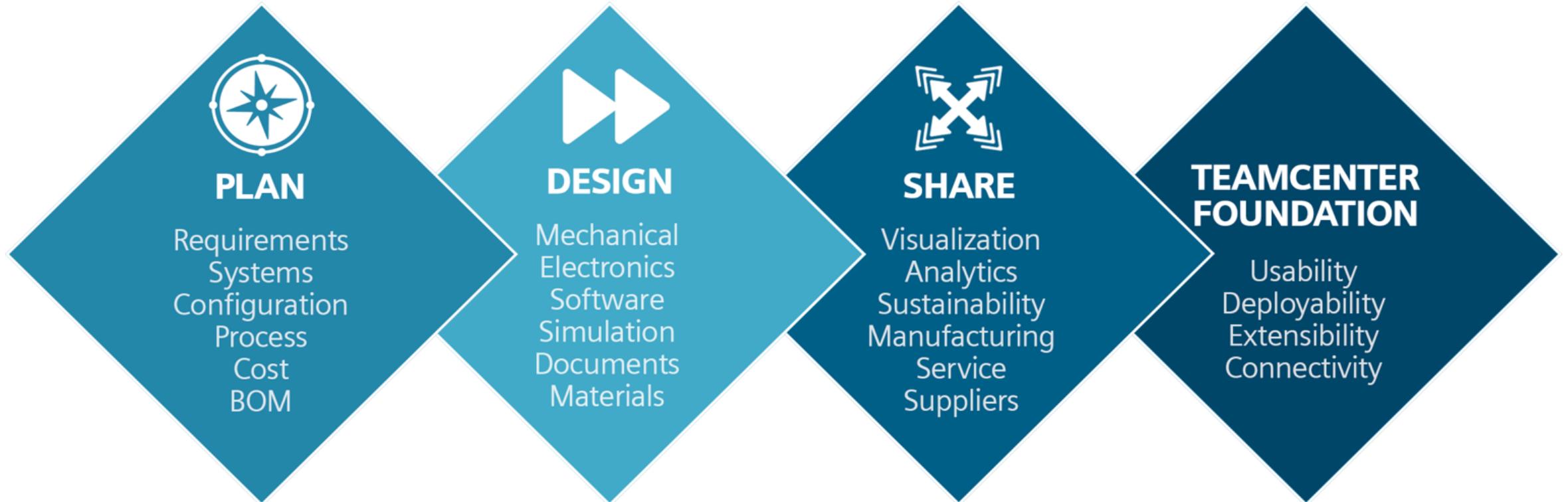
Adaptable, modern PLM solutions that connect people and processes across engineering and the business.

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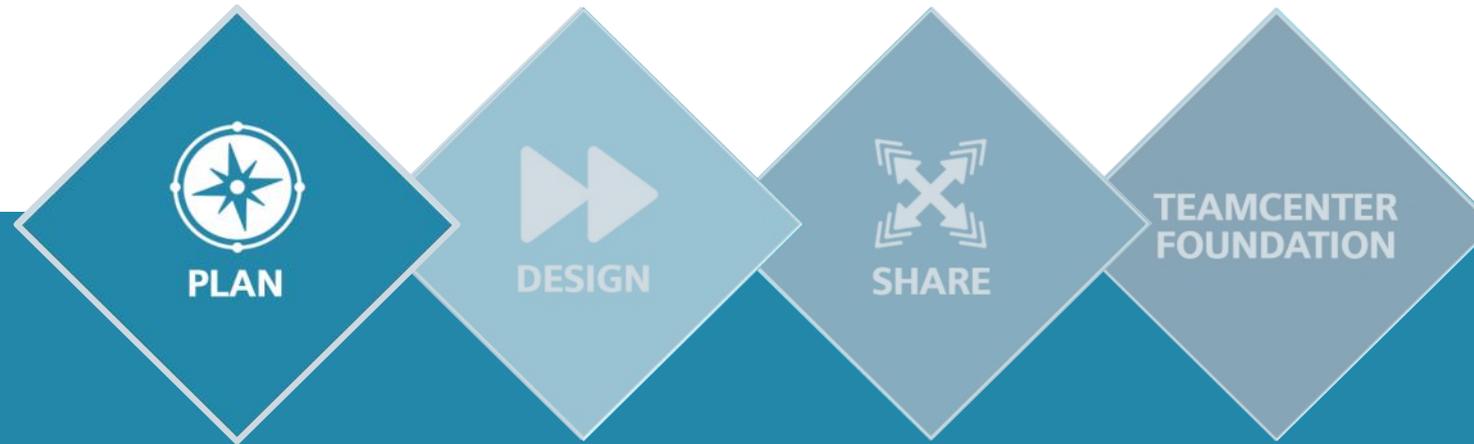
Plan for performance and profitability

- **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

Teamcenter
Design

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Ingenuity for life

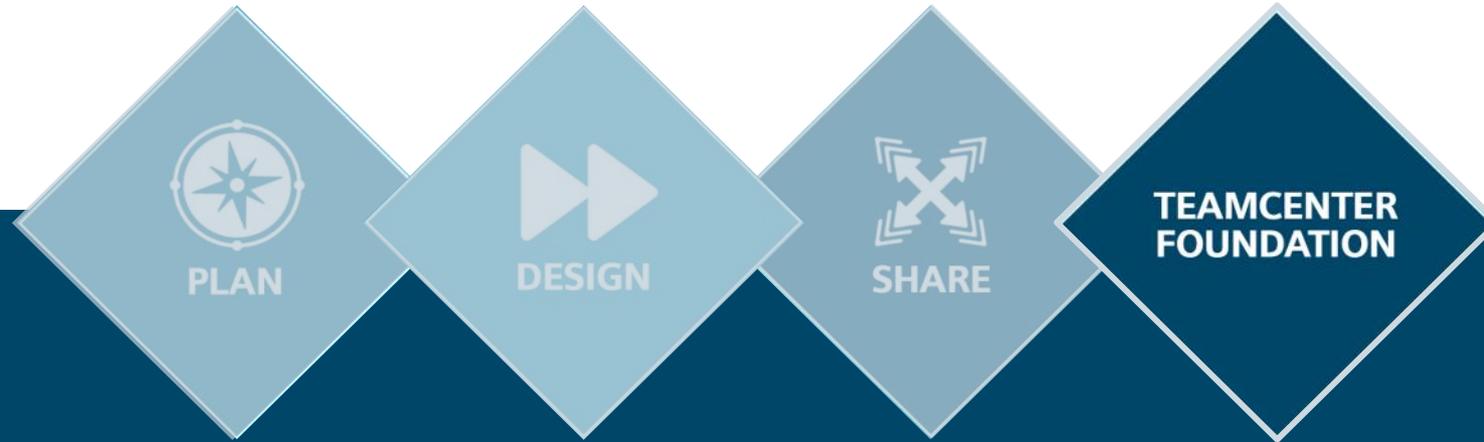PLAN   DESIGN   SHARE   TEAMCENTER FOUNDATION
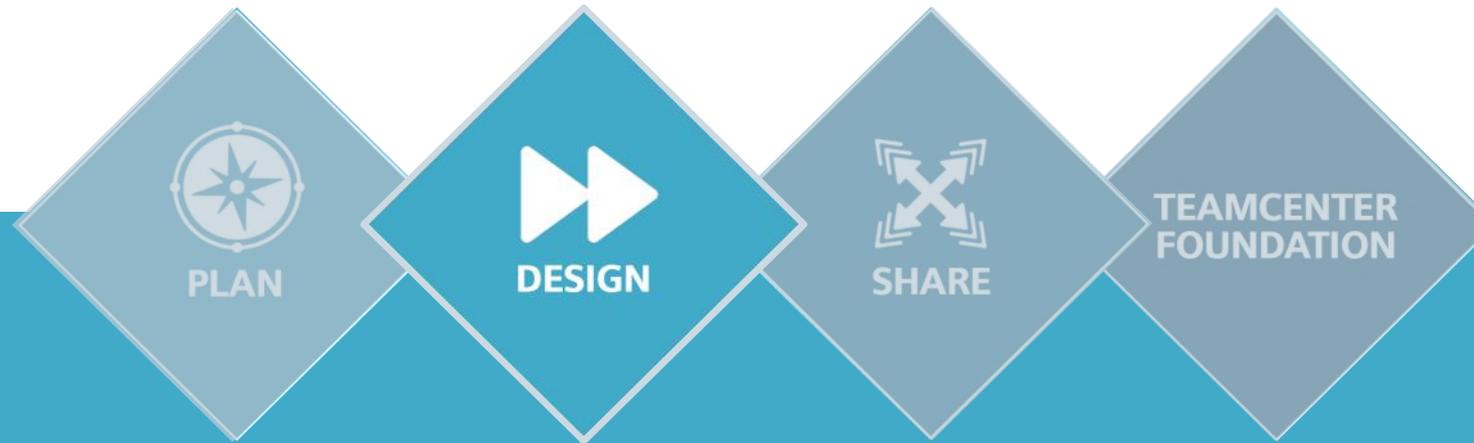
Design and define across departments and domains

- **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

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PLAN   DESIGN   SHARE   TEAMCENTER FOUNDATION
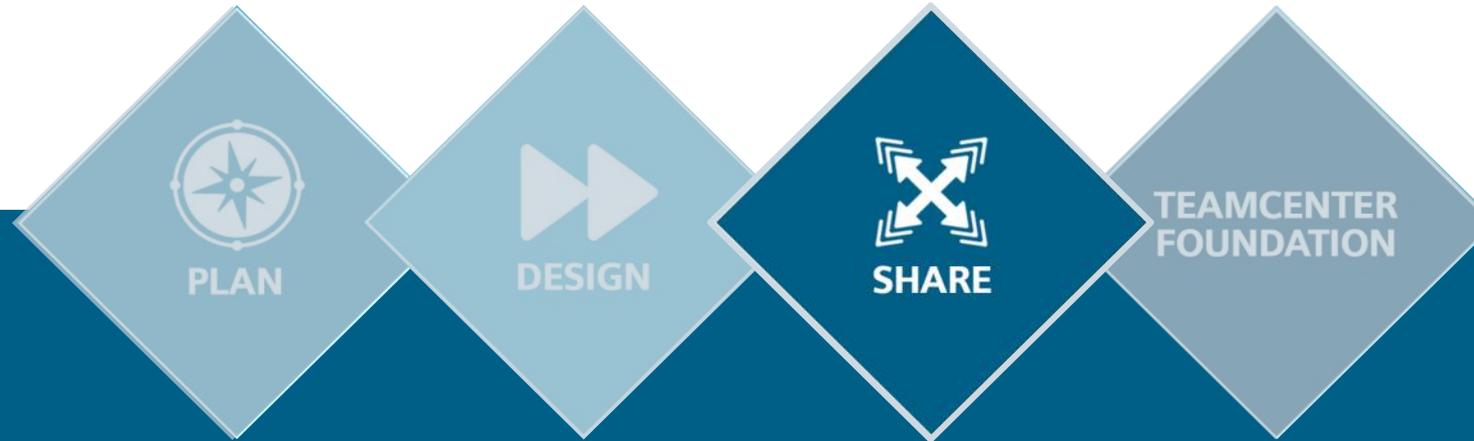
Share product visibility and insight throughout the value chain

- **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

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Teamcenter
Foundation

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PLAN

DESIGN

SHARE

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

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Teamcenter
Makes it better than ever before

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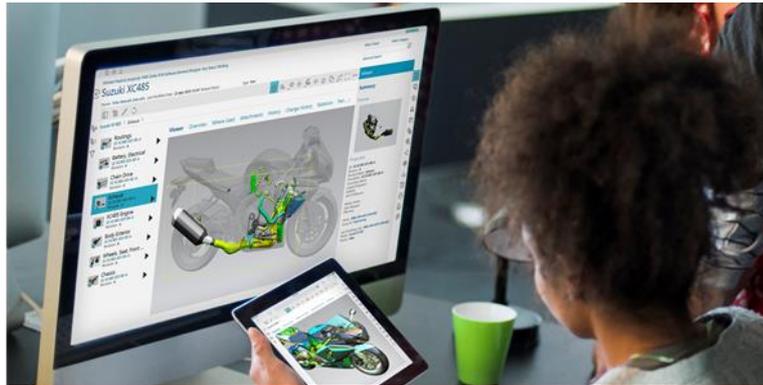
Ease of Use

Breadth and Depth
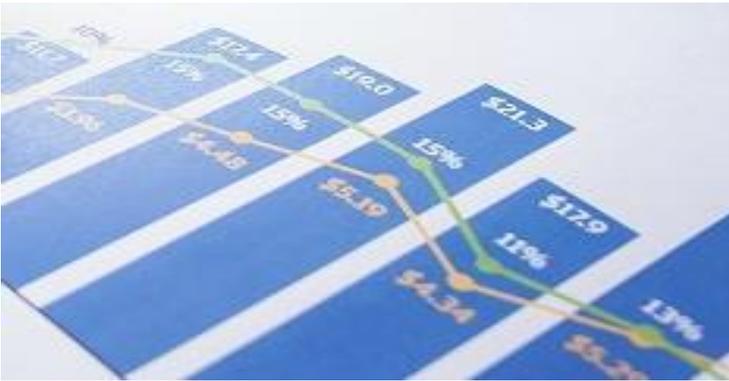

3D Leadership

Scalability & Security

Modern Architecture

Cost of Ownership

Benefits of Teamcenter on Azure

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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

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Any Owner | Any Category | Search

Latest Working | Advanced Search

INBOX
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New Total Past Due

FOLDERS

HELP

PRINTOUTS

NEW PART

FAVORITES

MY STUFF

CREATE DOCUMENT

SAVED SEARCHES

SCHEDULE TASKS

SCHEDULES

REPORTS

CREATE SPECIFICATION

IMPORT SPECIFICATION

QUESTIONS

SUBSCRIPTION

CHANGES

REPORT PROBLEM

Unrestricted

Teamcenter

Any Owner   Any Category   Search

SIEMENS

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Owner: Me   Category: Changes

Advanced Search

Teamcenter

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CHANGES

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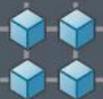## NEW PART

REPORT PROBLEM

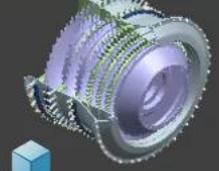PRIVATE JET

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COMPR ASSY

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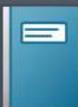
ORION PROJECT

MY STUFF

OPEN CHANGE NOT

ENGINEERING PARTS

UNFINISHED PARTS

EMI SHIELDING

Reach Beyond Functional Boundaries
View and analyze without wait time

Interact with model even before it's fully loaded

Create a complete, nose-to-tail section in just seconds

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

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Teamcenter on the Cloud
Certification Results

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1 Teamcenter scales and performs well on the Azure IaaS for at least up to 5,000 concurrent Active Workspace users
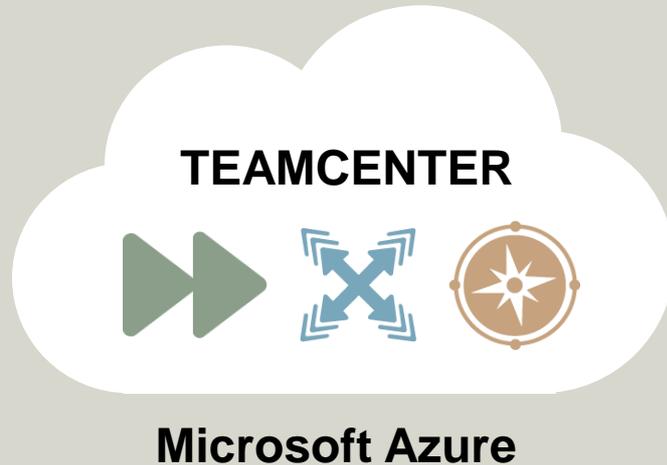
2 System resource utilization measurements suggest far higher numbers of concurrent users could be supported

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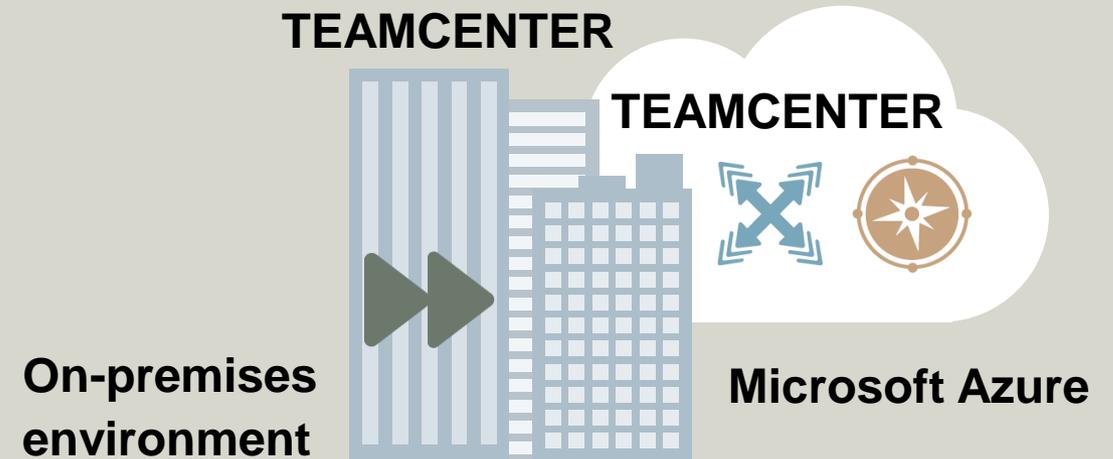
Microsoft Azure Cloud Deployment
Deployment Models

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Pure cloud deployment	Hybrid cloud deployment
TEAMCENTER Microsoft Azure	**TEAMCENTER** **TEAMCENTER** On-premises environment Microsoft Azure
• Deploy the entire Teamcenter stack on Azure • Take advantage of cloud benefits • No infrastructure management required	• 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

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Microsoft Azure Cloud Deployment
Azure services and resources in Teamcenter deployments

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Networking and Content Delivery	Compute	Security, Identity & Compliance	Storage	Management Tools
Virtual Network	Virtual Machine	Azure Active Directory	Storage	Portal
Application Gateway	Availability Set	Security Center	Azure Storage	Automation
VPN Gateway	Internal Load Balancer	Azure Subscription	Azure Files	Alerts
Network Security Group	Azure Marketplace	Azure Regions	Blob Storage	Backup
DNS	VHD	Account Management	Managed Disks	Site Recovery
Express Route	Virtual Machine Data Disks	Access Control	Disk Snapshots	Advisor
Resource Group	OS Image		Backup and Recovery Vault	Monitor

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Thank You.

Realize innovation.