

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

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**BUSINESS
MODELS**



OR



**OPERATIONAL
MODELS**



OR



BOTH



Siemens Cloud: Your way, your pace

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**LARGE
ENTERPRISE**

**SMALL/MED
BUSINESS**

PARTNERS

EXTEND AND BRIDGE

YOUR ON-PREMISES
INVESTMENTS TO CLOUD

REMOVE BARRIERS

GROW WHILE MAINTAINING
YOUR BOTTOM LINE

EXPAND YOUR BUSINESS

THROUGH THE
CLOUD API PLATFORM

Multiple paths
Flexible
Scalable
Protected

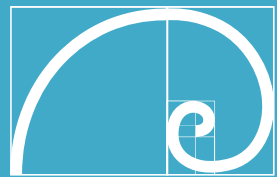
Enterprise-level access
Affordable
On your own terms

Develop new solutions
Reach new markets

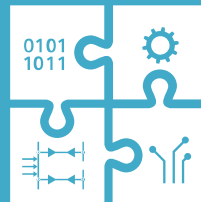
Technological forces transforming industry

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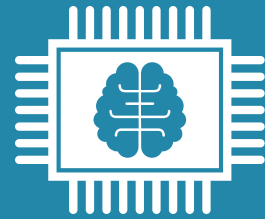
Changing the way products come to life



Generative design



Intelligent models



Intelligent automation



Additive manufacturing



Cloud ecosystems



Knowledge automation



System of systems



Advanced robotics



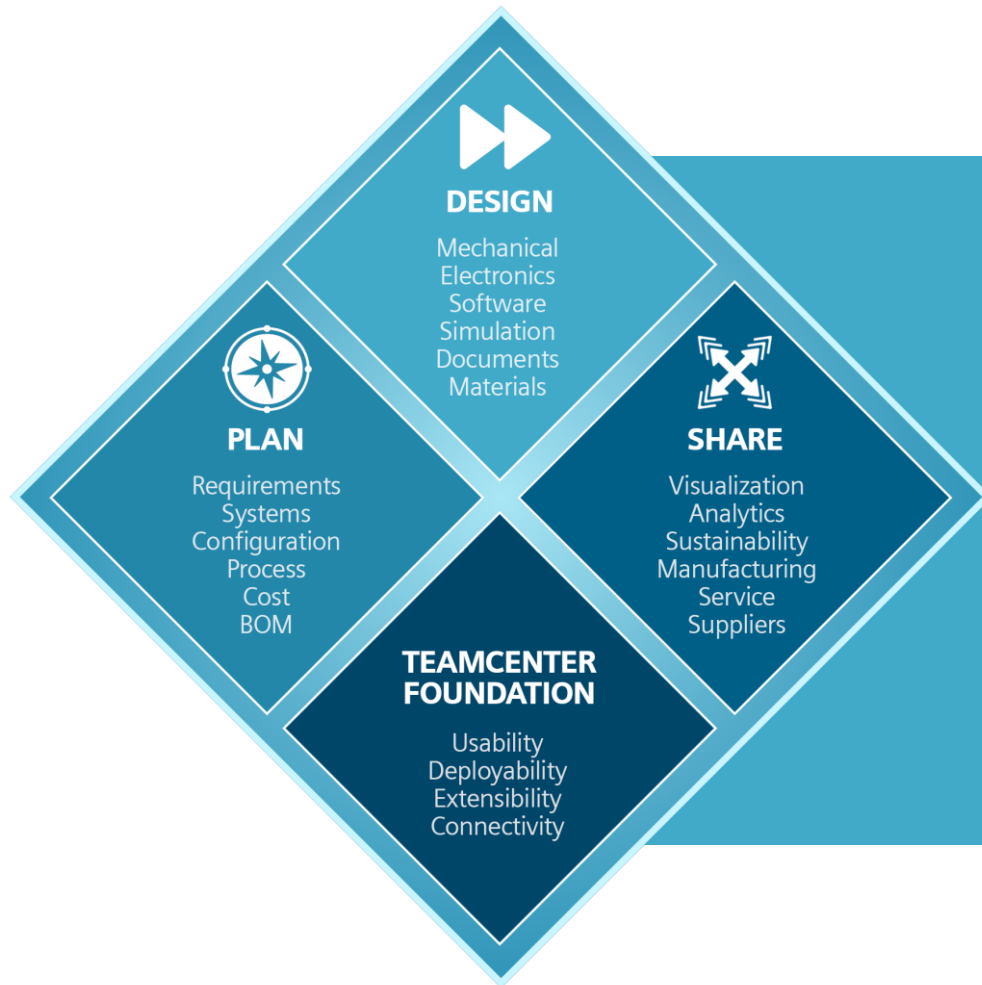
Big data analytics

Digital Innovation Platform

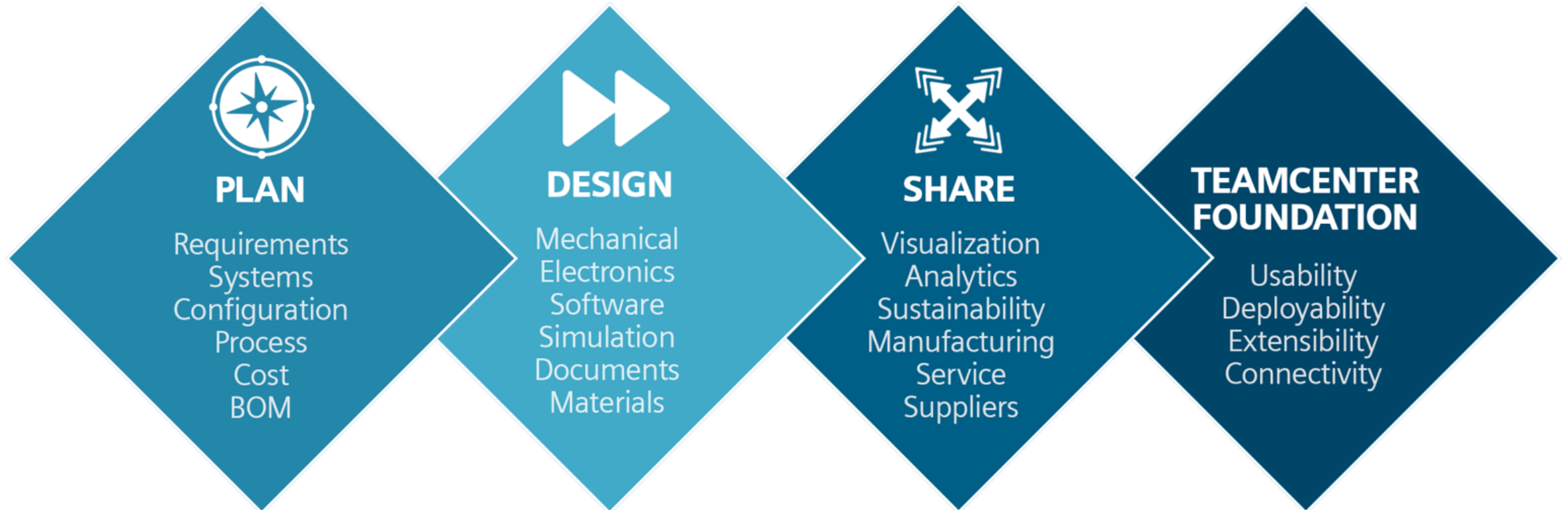


Digital Innovation Platform

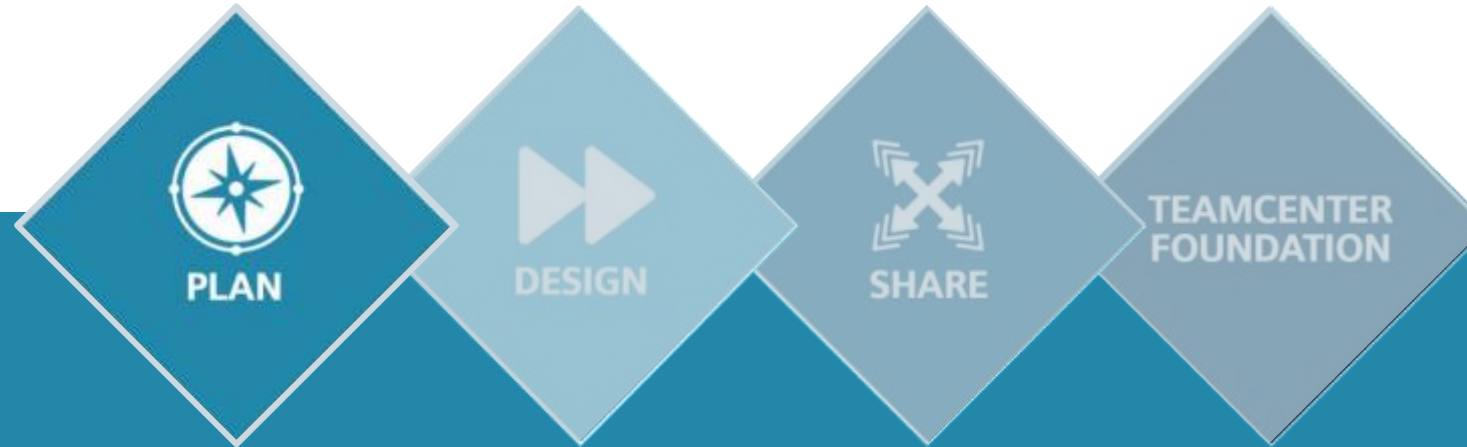




Adaptable, modern PLM solutions
Connecting people and processes
Across engineering and business

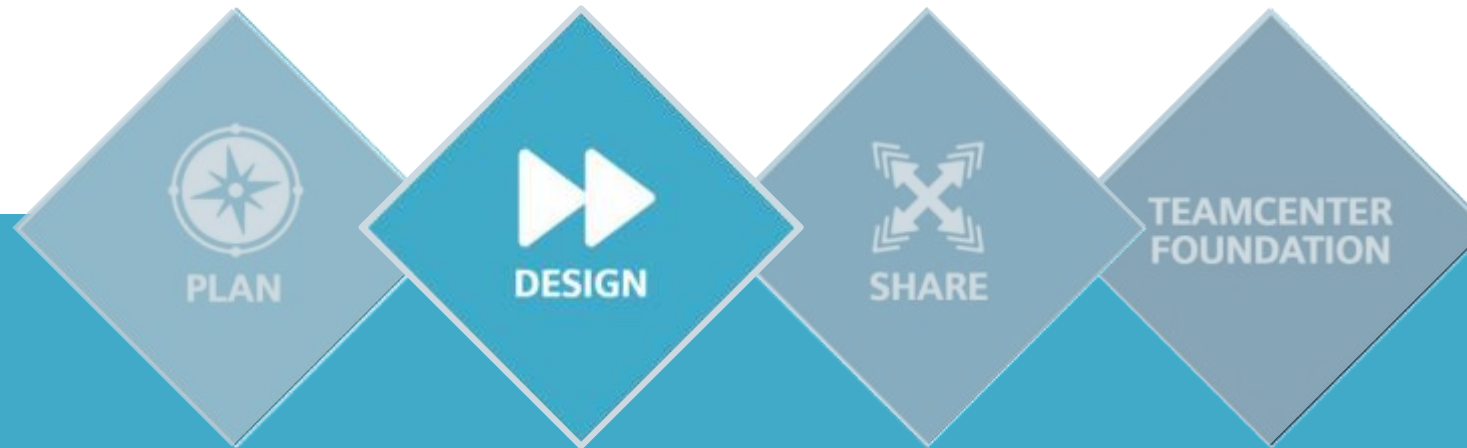


Adaptable, modern PLM solutions that connect people and processes across engineering and the business.



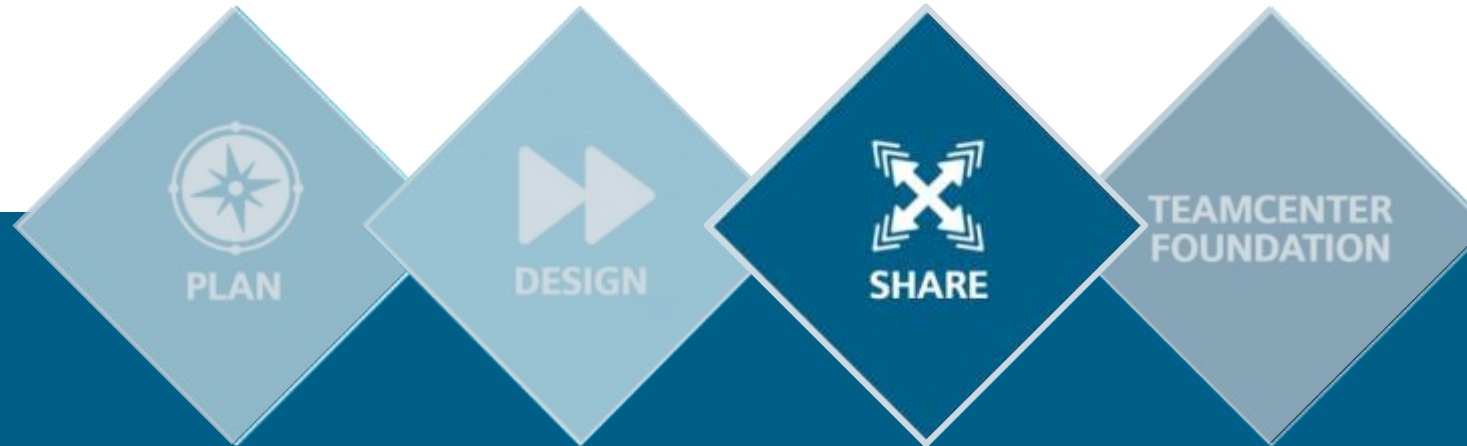
Plan for performance and profitability

- **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



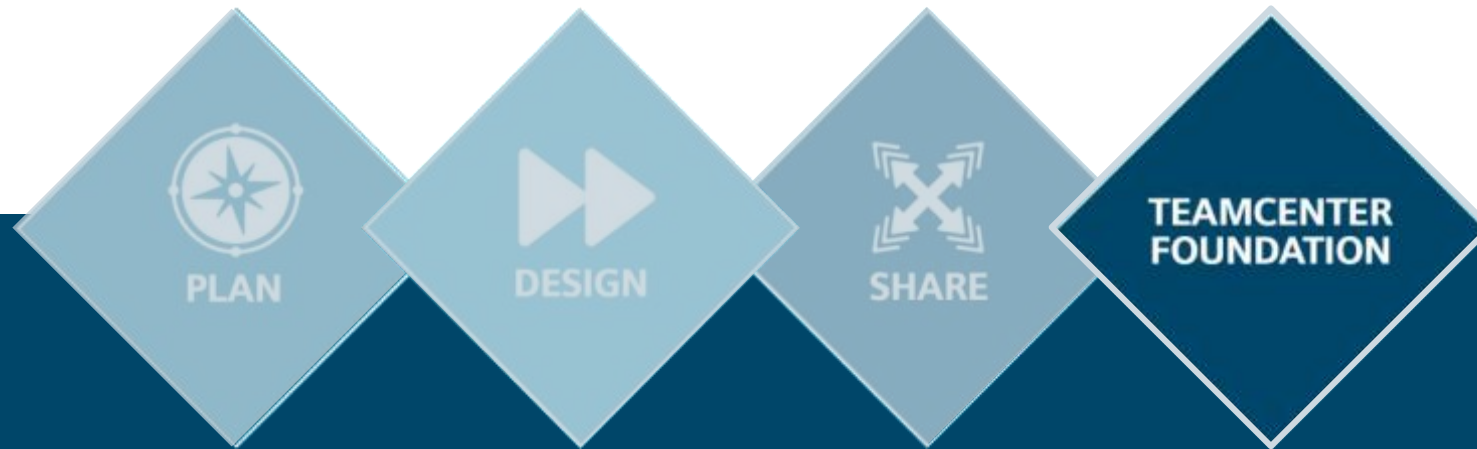
Design and define across departments and domains

- **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



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



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

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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

Reach Beyond Functional Boundaries

View and analyze without wait time

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

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

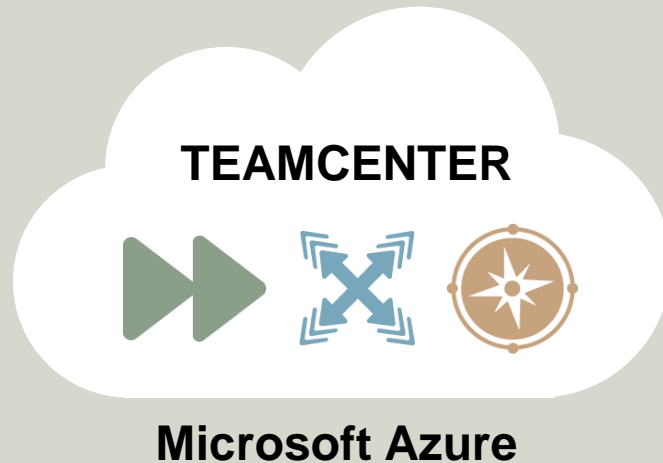
3

Server response times and system resource utilization maps consistently with on-premises deployments of Active Workspace

Microsoft Azure Cloud Deployment Deployment Models

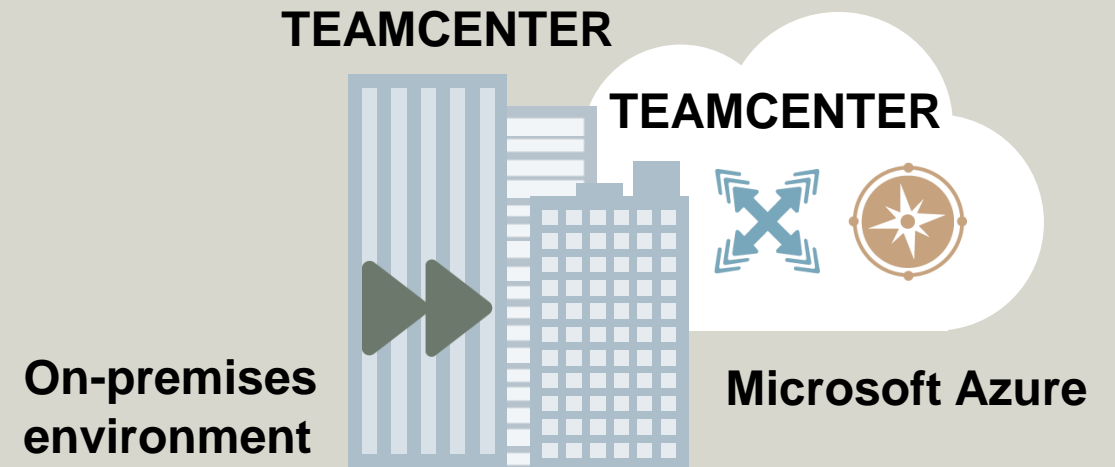
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Pure cloud deployment



- 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



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

The Siemens logo, consisting of the word "SIEMENS" in a bold, teal, sans-serif font, is positioned in the top right corner of the slide. The background of the slide features a complex network of glowing blue lines and nodes, resembling a data network or a molecular structure, set against a dark blue and purple gradient.

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Thank You.

Realize innovation.