Teamcenter on Azure

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

Realize innovation.

Siemens Cloud: Your way, your pace

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Siemens Cloud: Your way, your pace

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Technological forces transforming industry

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Changing the way products come to life

- Generative design
- Intelligent models

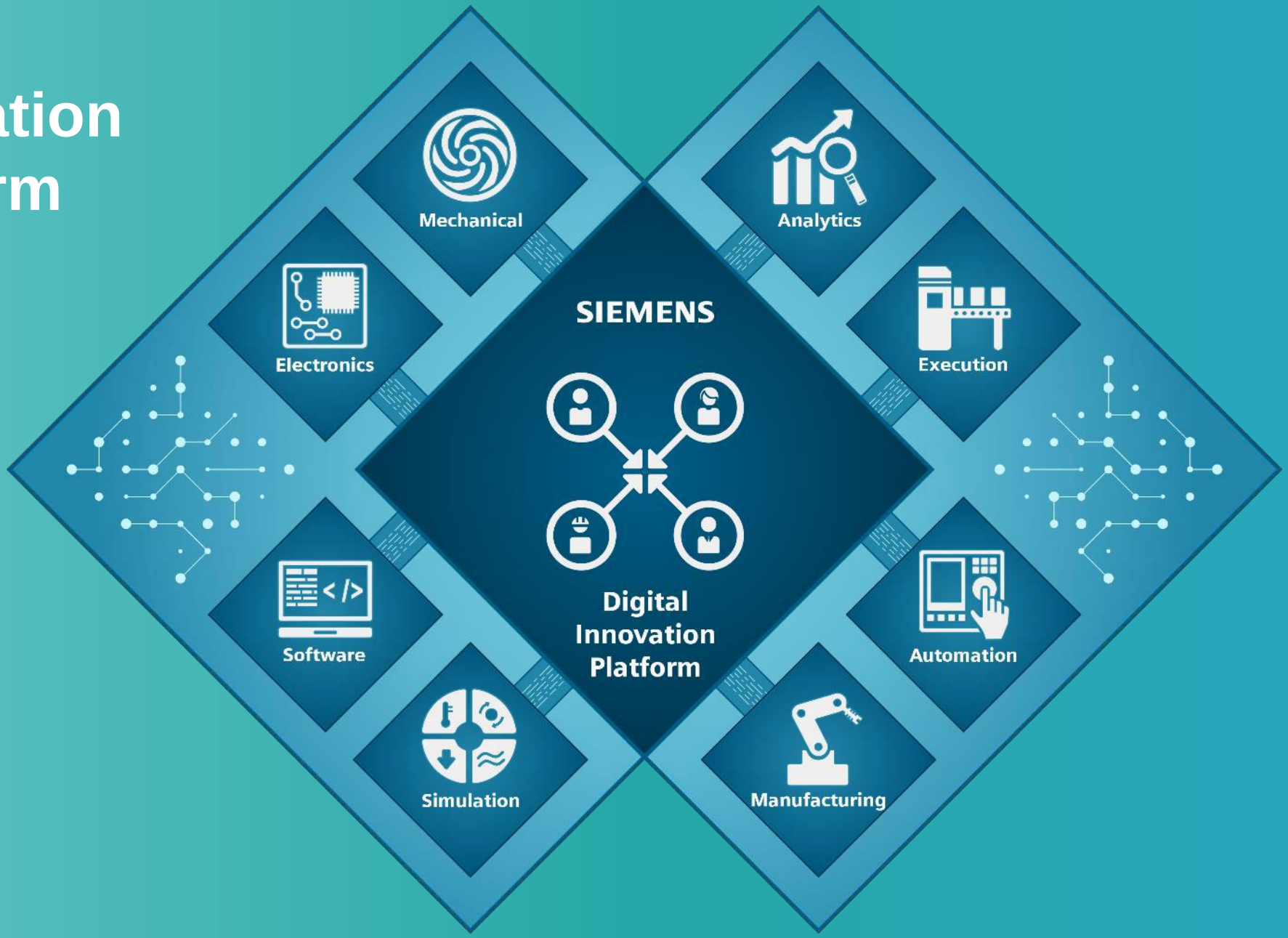
Changing the way products are realized

- Intelligent automation
- Additive manufacturing
- System of systems
- Advanced robotics

Changing the way products evolve

- Cloud ecosystems
- Knowledge automation
- Big data analytics

Digital Innovation Platform



Digital Innovation Platform

Teamcenter Solutions

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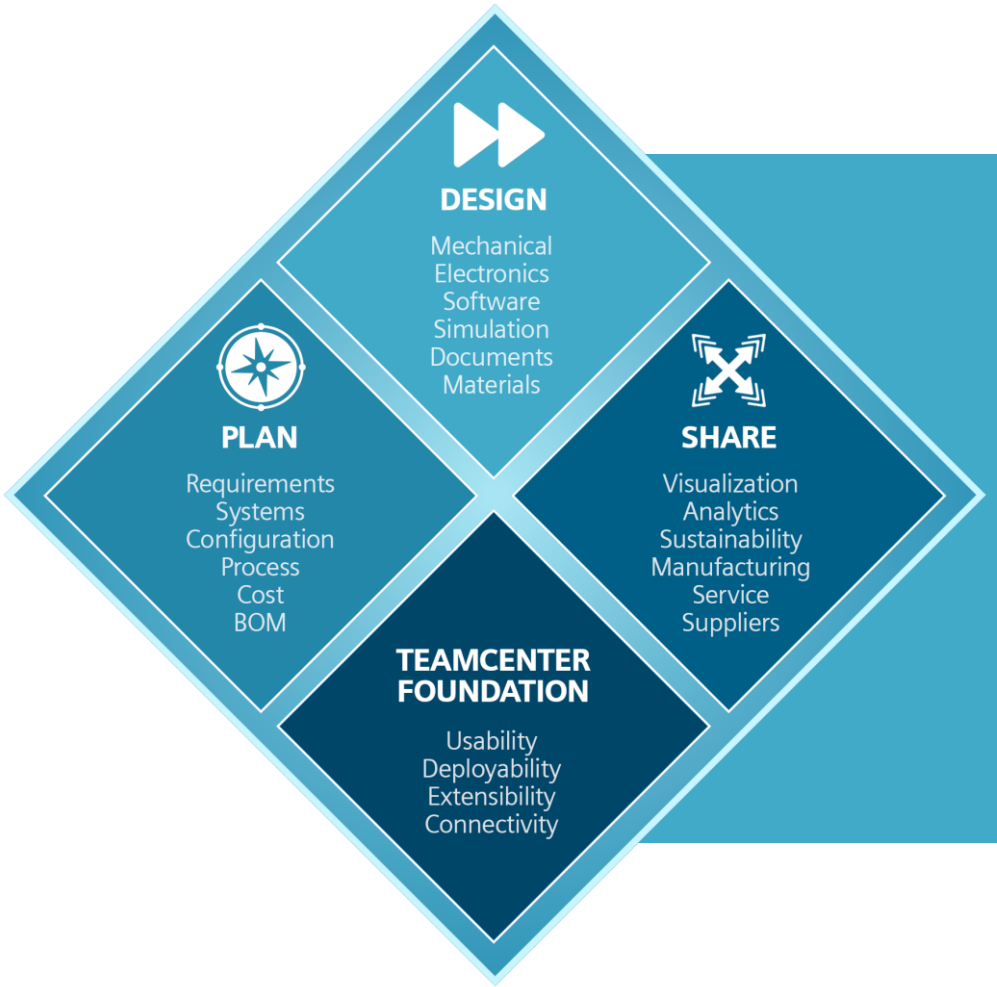

Adaptable, modern PLM solutions

Connecting people and processes

Across engineering and business

Teamcenter

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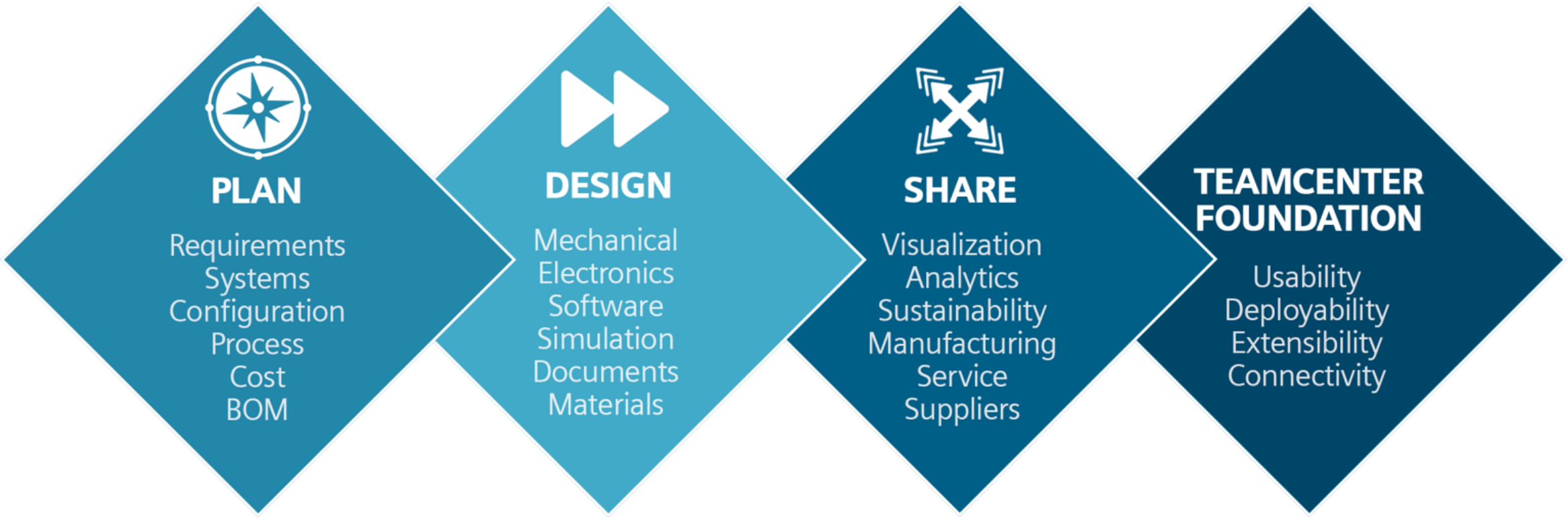

Adaptable, modern PLM solutions that connect people and processes across engineering and the business.

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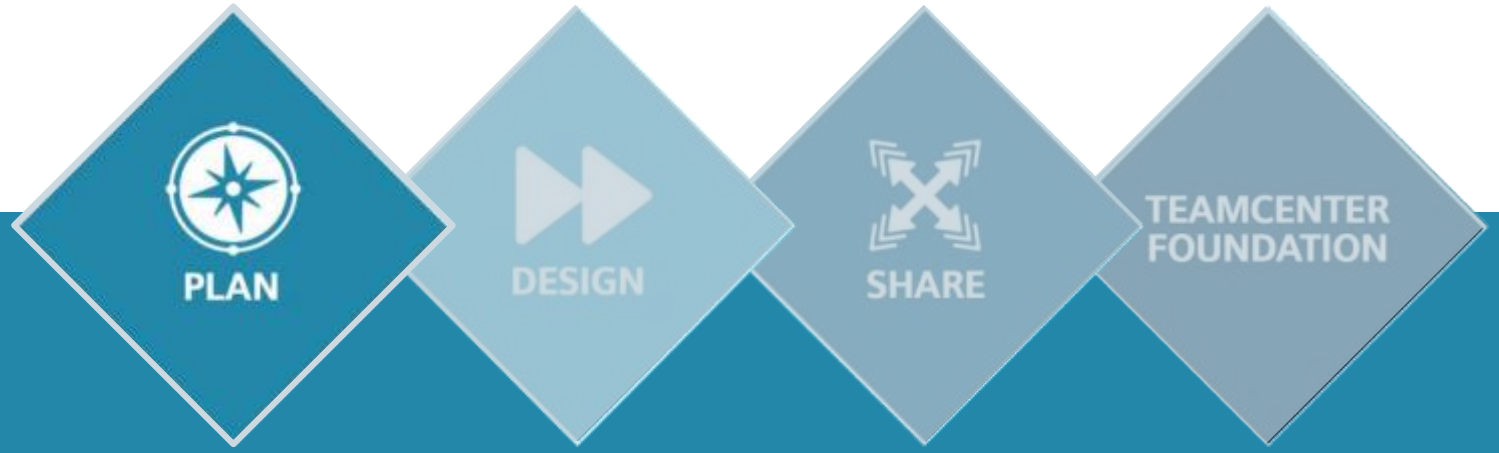

Plan for performance and profitability

- **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

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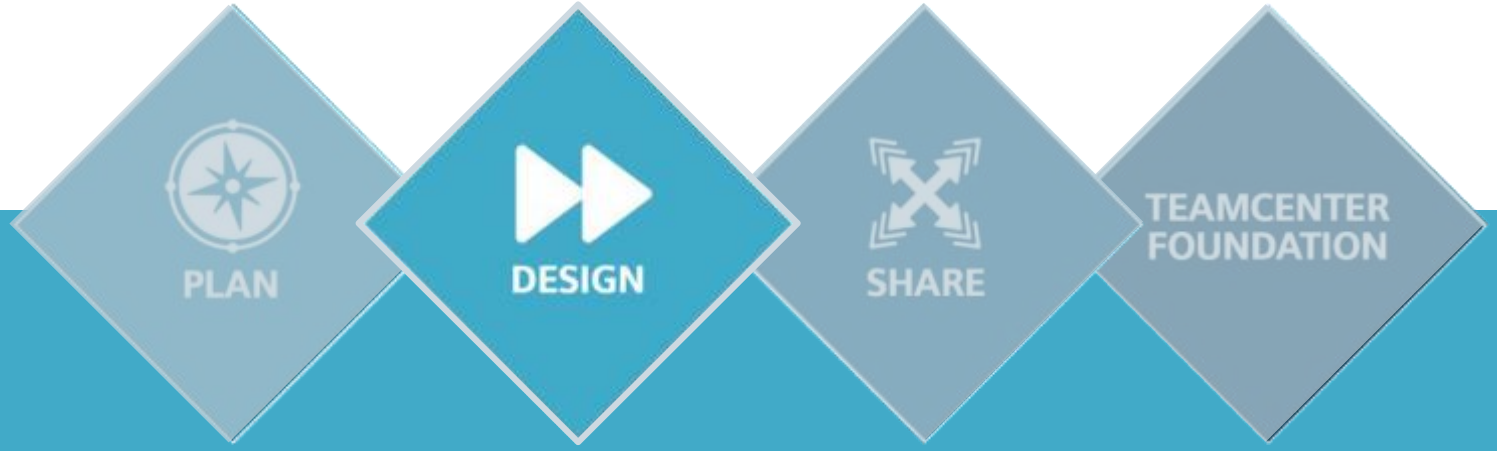

Design and define across departments and domains

- **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: U**nderstand product performance with CAE and system simulations
- **Documents:** Tools for high quality product documents and technical publications
- **Materials:** Support innovative and sustainable products

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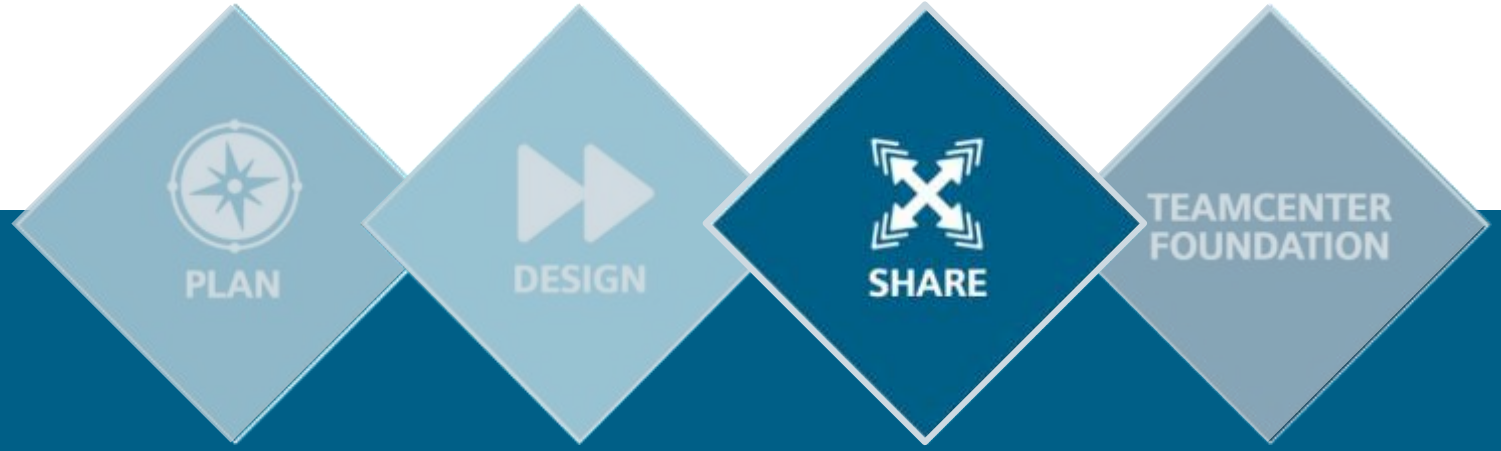

Share product visibility and insight throughout the value chain

- **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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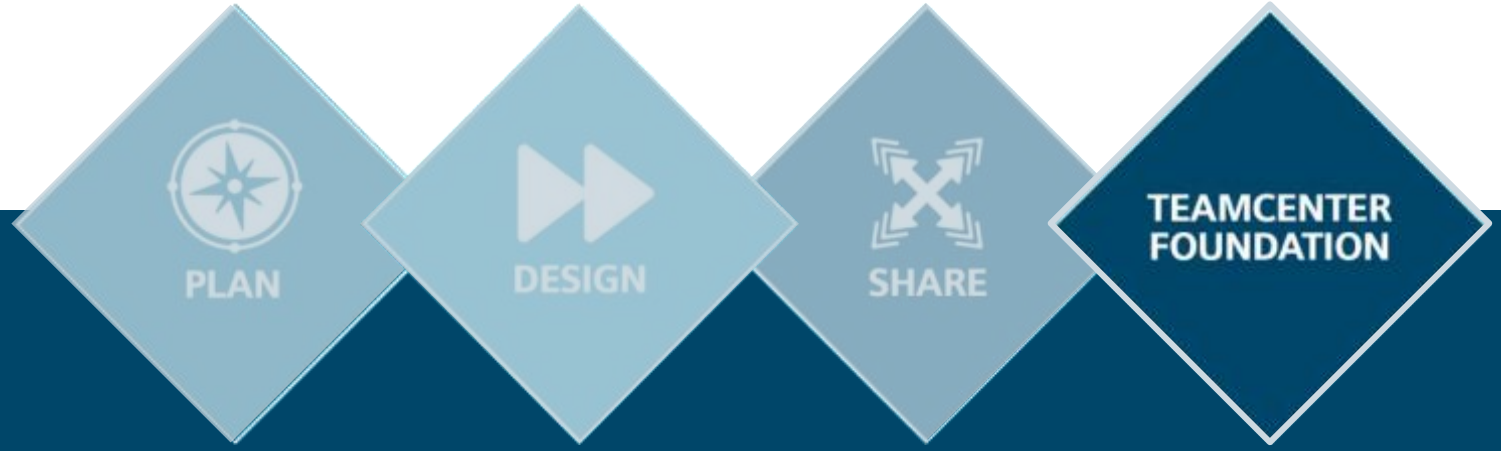

Build on a flexible, secure and scalable foundation

- **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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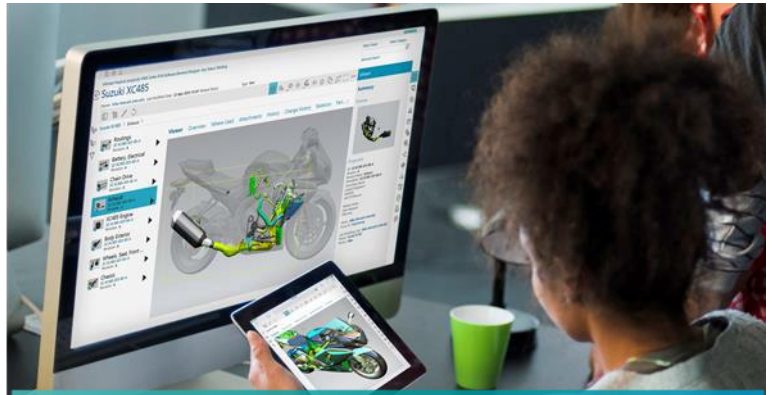

Benefits of Teamcenter on Azure

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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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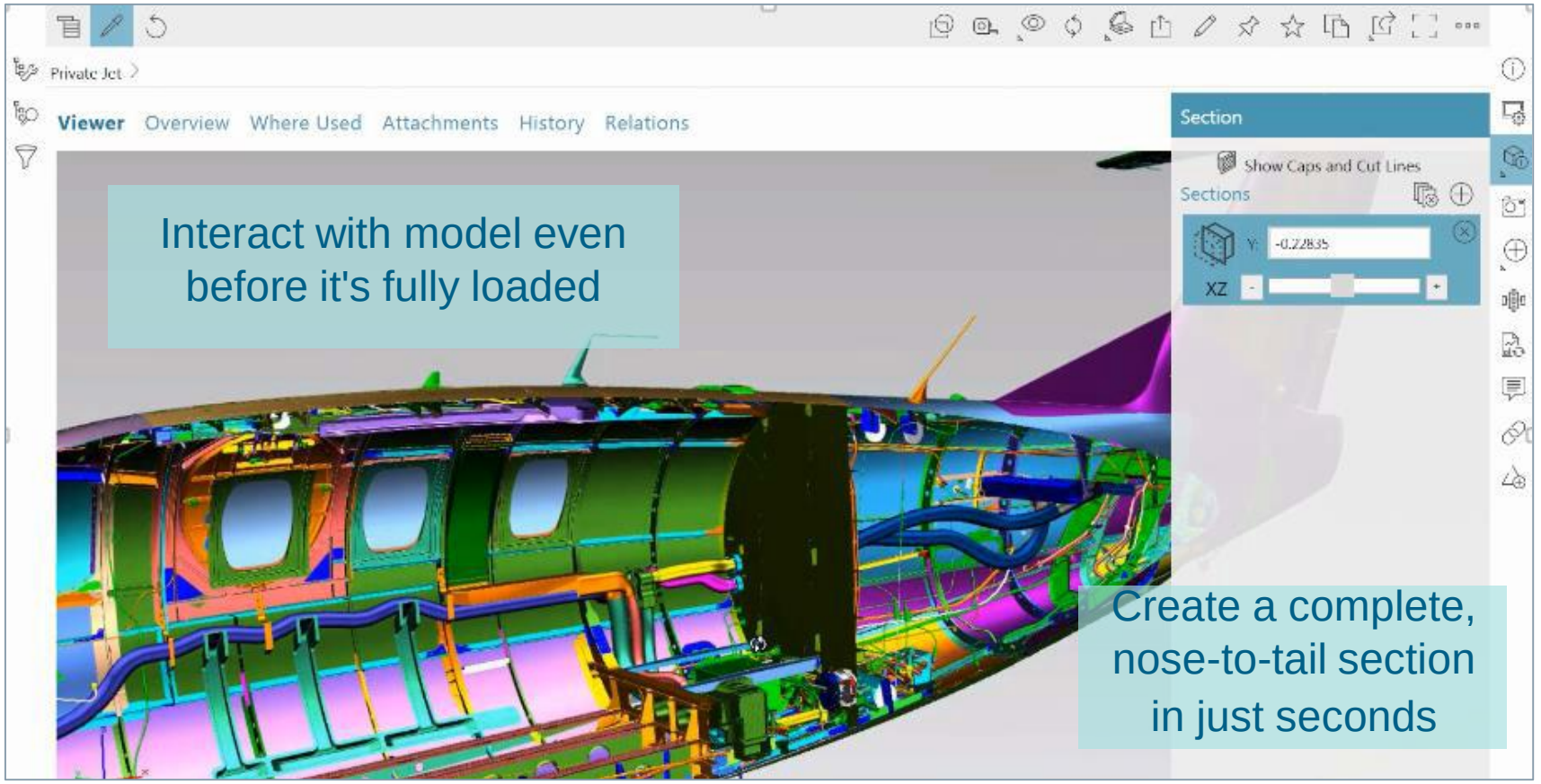

Active Workspace uses Massive Model Visualization (MMV) to enable quick display of very large models to be displayed for any user, on any device.

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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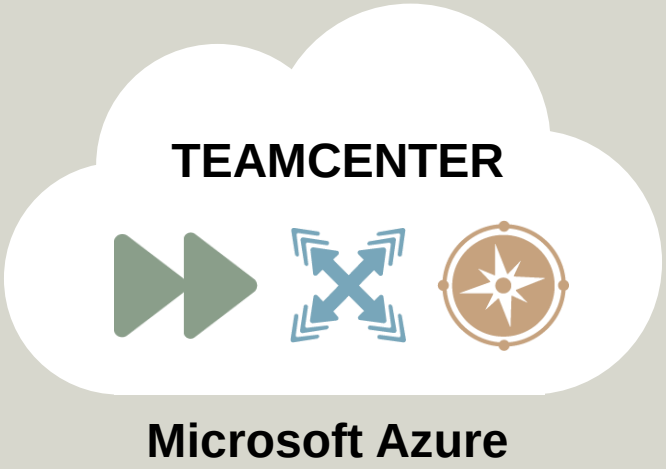
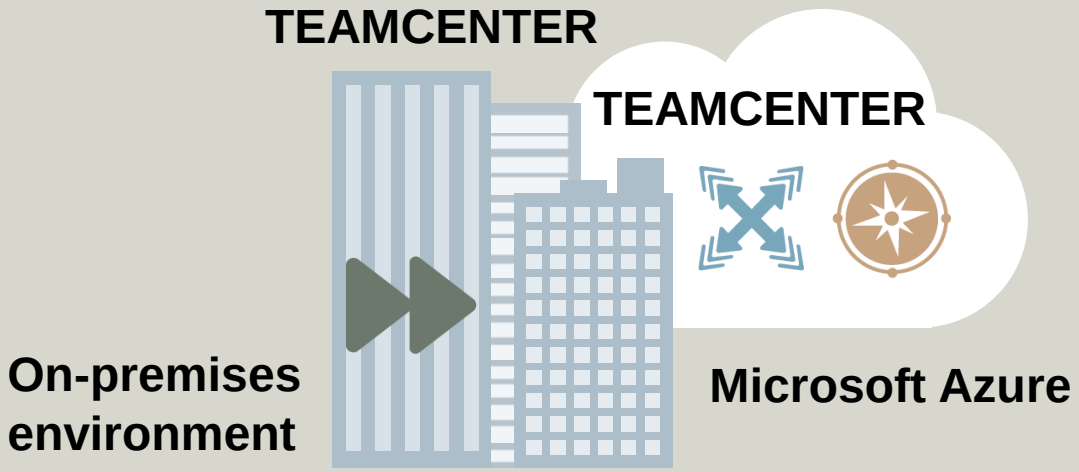
Pure cloud deployment



- 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

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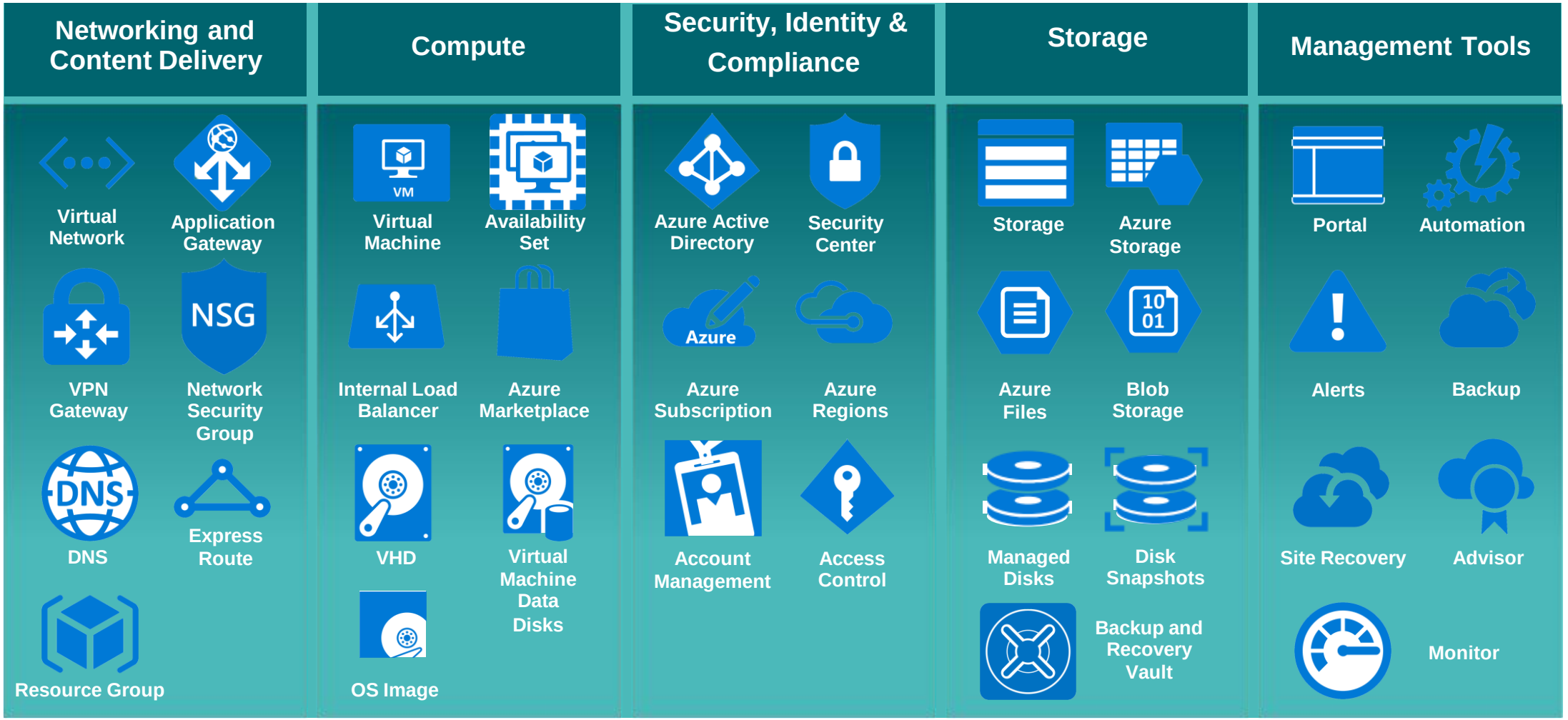

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Thank You.

Realize innovation.