

Engineering & Industrial Cloud Solutions

BROCHURE

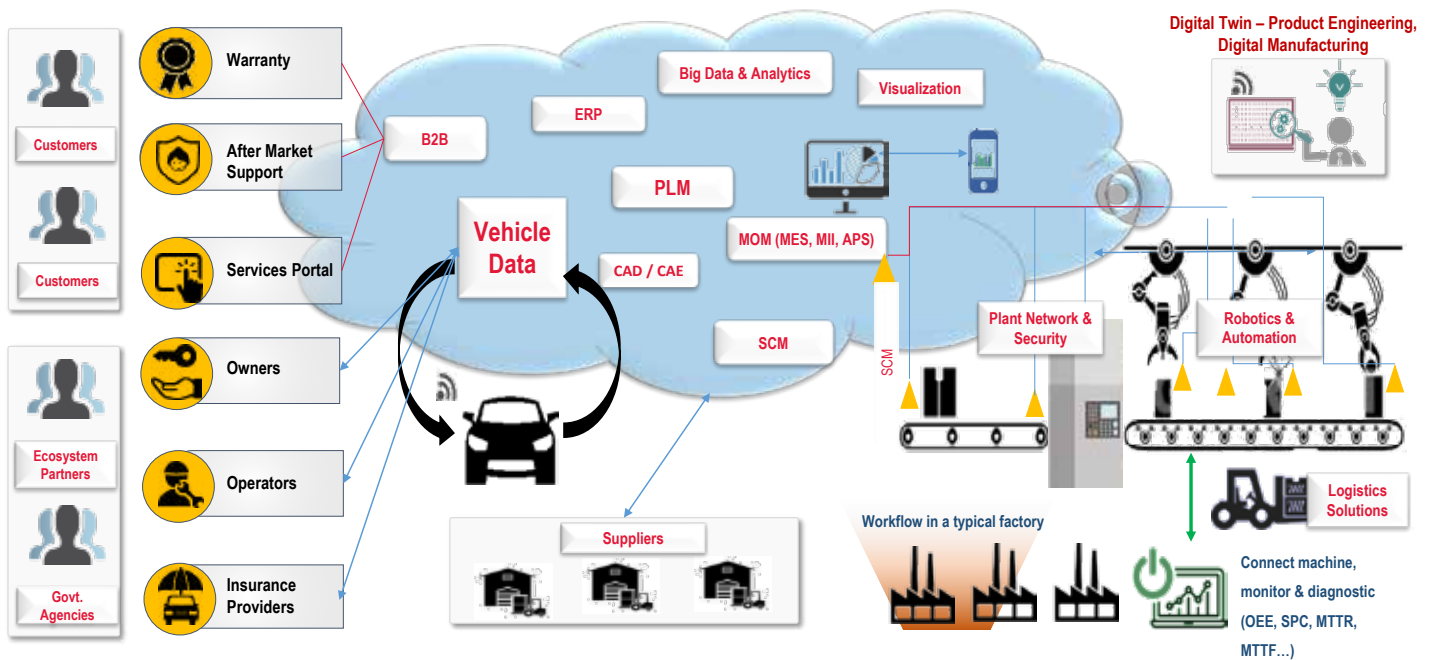


Connected World.
Connected Experiences.

Summary

Manufacturing industry is experiencing a tremendous transformation with the onset of new age digital technologies to bring cost efficiency, operational agility and product and service innovations for business growth and a competitive market edge. Cloud adaption is a key transformation enabler to help reduce the design cycle times, simple engineering change management and to provide a real time collaboration.

Tech Mahindra's Engineering and industrial cloud solutions for Manufacturing Business



TechMNxT Advantage

We have multiple templated and standardized solutions readily available for a quick deployment on Azure and AWS Cloud

Development or Test Environments

- Provides a minimal PLM Platform environment at the lowest cost
- Appropriate for developing and testing PLM Platform applications

Shared Development Environment

- Supports multiple development teams
- Appropriate production system for small, non-mission-critical applications

Advanced Multi-Tiered Environment

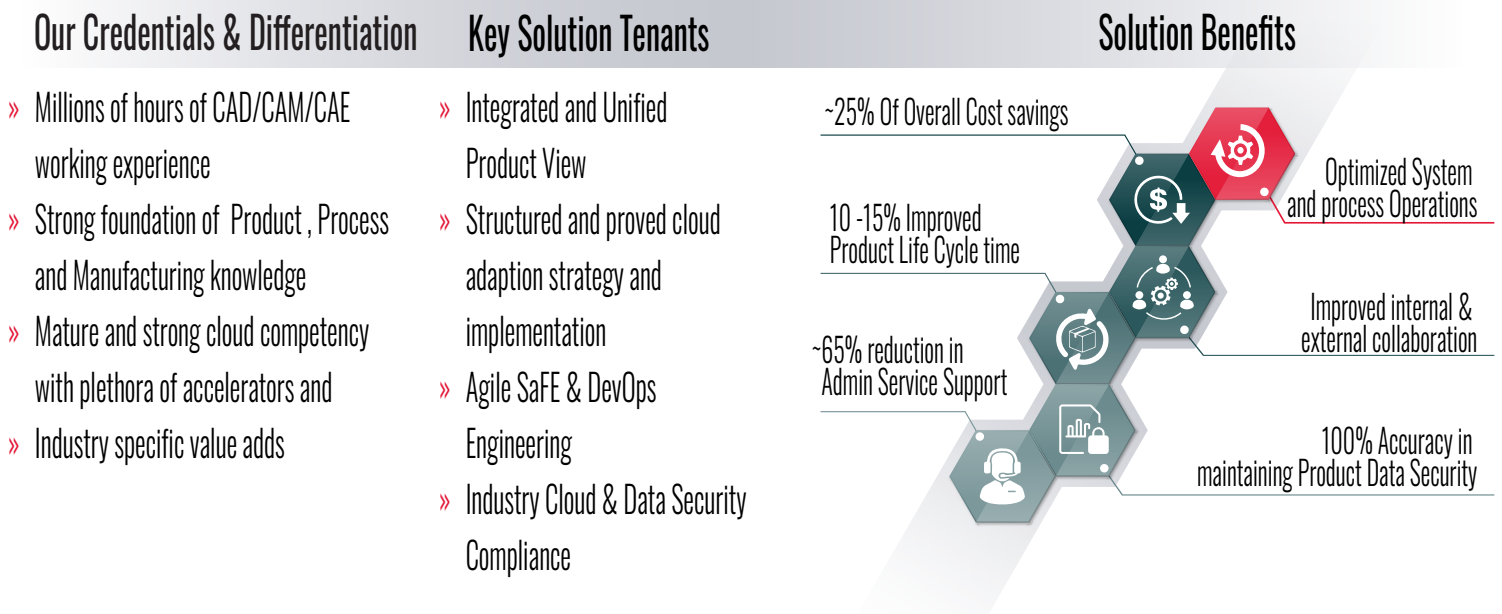
- Used for production deployments
- For pre-production testing, such as load or stress testing
- Separate dedicated tiers for different roles to increase performance

High Availability

- Used for production deployments
- Separate dedicated tiers for different roles to increase performance
- Scalable to improve performance – Vertical and Horizontal for each role
- Multiple Availability Sets and additional VM's within a tie

Engineering Cloud

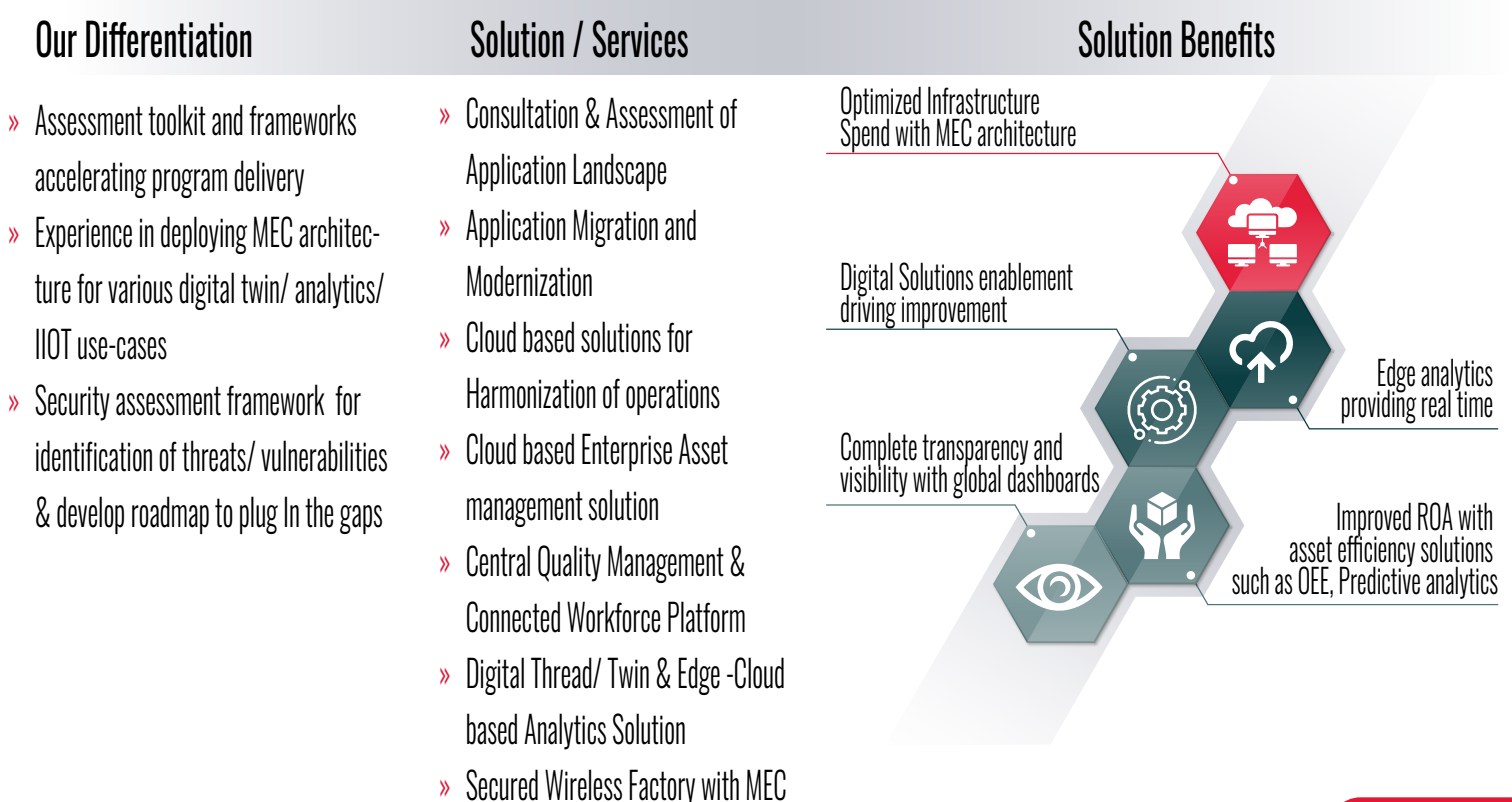
Engineering Cloud (CAD, CAE & PLM) is a Hybrid/Public/Private cloud solution focused on agility, application performance, data security, cost efficiency and to accelerate innovation for Engineering R&D



Manufacturing Cloud

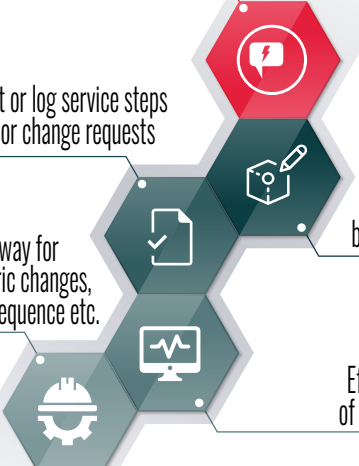
Manufacturing Cloud is an end to end infrastructure solution which delivers connectivity, storage, computing capabilities focused on production applications and digital solutions associated.

It also helps bring the most optimized usage of infrastructure capabilities across edge-cloud with a view of security, latency and bandwidth.




Service Cloud

Service Cloud Service Cloud provides seamless way for service technician to access latest manuals, media, updates, linked to vehicle diagnosis with mobile native application. It also enables OEM to get the feedback and track it, analyze CR health status.

Our Differentiation	Solution Features	Solution Benefits
<ul style="list-style-type: none"> » Strong expertise & ecosystem for engineering applications, cloud, web based solutions » Experience in PLM, CAD, Tech Pub implementation & integration » Expertise in solutioning with parts catalog, wiring diagram extraction from integrated engineering applications » Cloud migration, cloud management DEVOPS, CI/CD assets and frameworks for a quick jump start 	<ul style="list-style-type: none"> » ARVR, Speech to Text, code scanning with mobile » Integrated CAD, PLM on cloud » Web based service cloud solution » Scan error codes, information on mobile app » Access the parts catalogues & order it online from integrated E-commerce portal » Dealer feedback tracking solution for OEMs 	 <ul style="list-style-type: none"> Service Cloud provides accurate and faster way to diagnose & connect the error codes Provision to accept or log service steps followed, updates, or change requests Fast and accurate way for engineering, electric changes, media, assembly sequence etc. Trace the issues back to production Effective tracking of CR health status

ADAS/AD Cloud

Leaner and “Fit for purpose” solution for ADAS / Autonomous Drive Development

Our Credentials & Differentiation	Ideas of Scope Carve-out:	Solution Benefits
<ul style="list-style-type: none"> » Future proof consumption based model with proven benefits » Flexible Engagement & Sourcing Model » AI-enabled Automation of DC operations. (AIOps based TACTiX) » End to End ADAS/AD Service Offering (Engineering + Domain + IT + Infrastructure) 	<ul style="list-style-type: none"> » Resource Management - Optimized Hybrid Cloud & DC foot print » Sustainable & Scalable Operations and Process Support for the DC » DC Storage, Network and Security Management » Technology Stack lifecycle management - Hardware refresh , upgrade, stack updates 	 <ul style="list-style-type: none"> TCO reduction by 20%+ 99.99% environment availability 2x faster Time to Market

Tech Mahindra



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