



#EngineeringScale



Digital Manufacturing Services

Roadmap and Investments



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Digital Manufacturing Services

INVESTOR & ANALYST DAY (IAD) 2021

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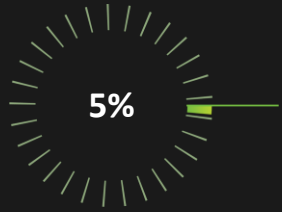
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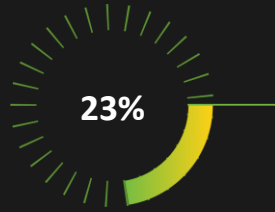
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DIGITAL MANUFACTURING TRANSFORMATION

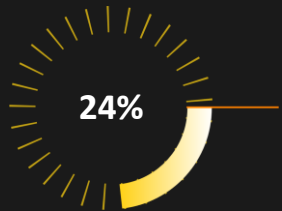
Current State of Adoption



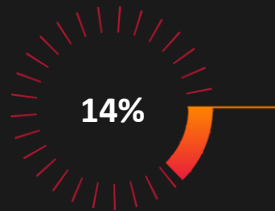
Scaled and mature I4.0 adoption across the enterprise



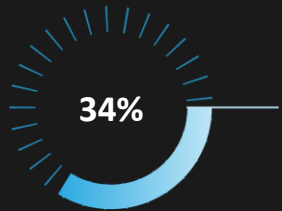
Early stages of adoption/ exploring the potential of I4.0



Implemented in parts of the organization (siloe operations)



Not thinking of adopting any Industry 4.0 initiative



Invested in pilot projects

- Everest Group Strategy Workshop on Industry 4.0, 2021



DIGITAL MANUFACTURING TRANSFORMATION

Market Opportunity

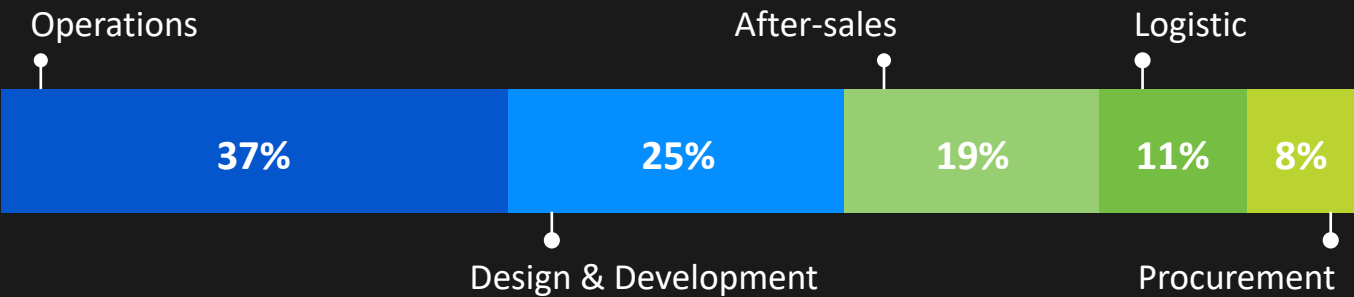
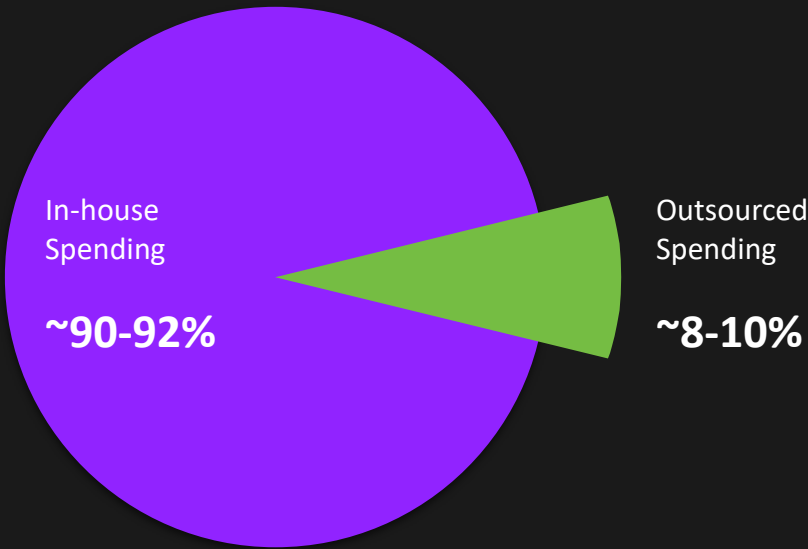
Global Business
Industry 4.0 spend

80-85

Billion USD, 2019

15-16%

Forecasted CAGR

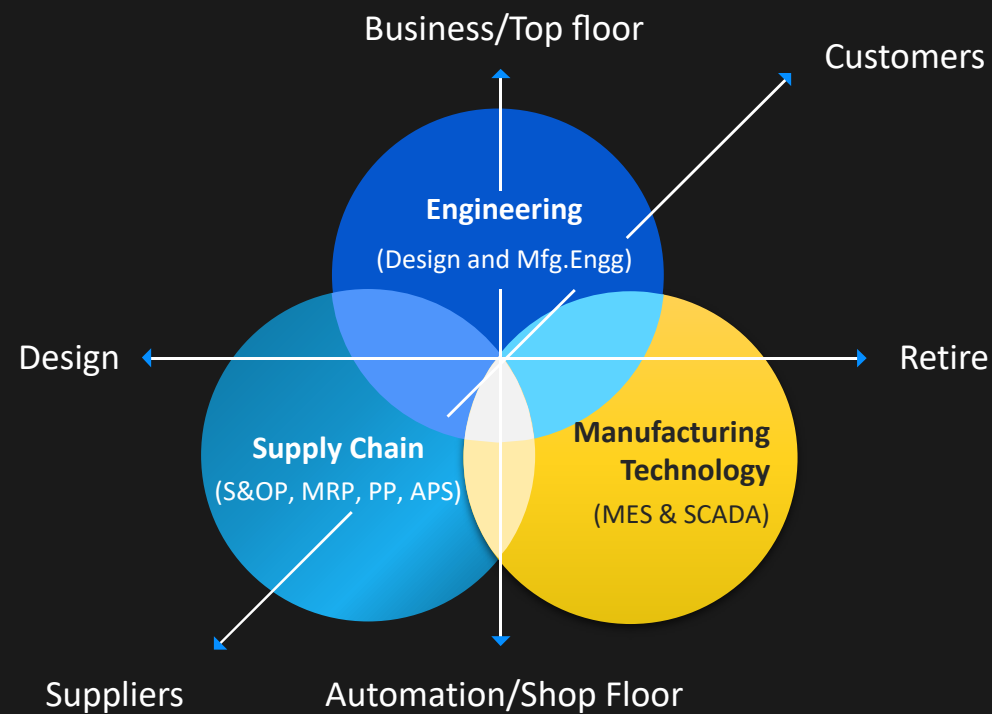


- Everest Group Strategy Workshop on Industry 4.0, 2021



DIGITAL MANUFACTURING TRANSFORMATION

Physical to Digital

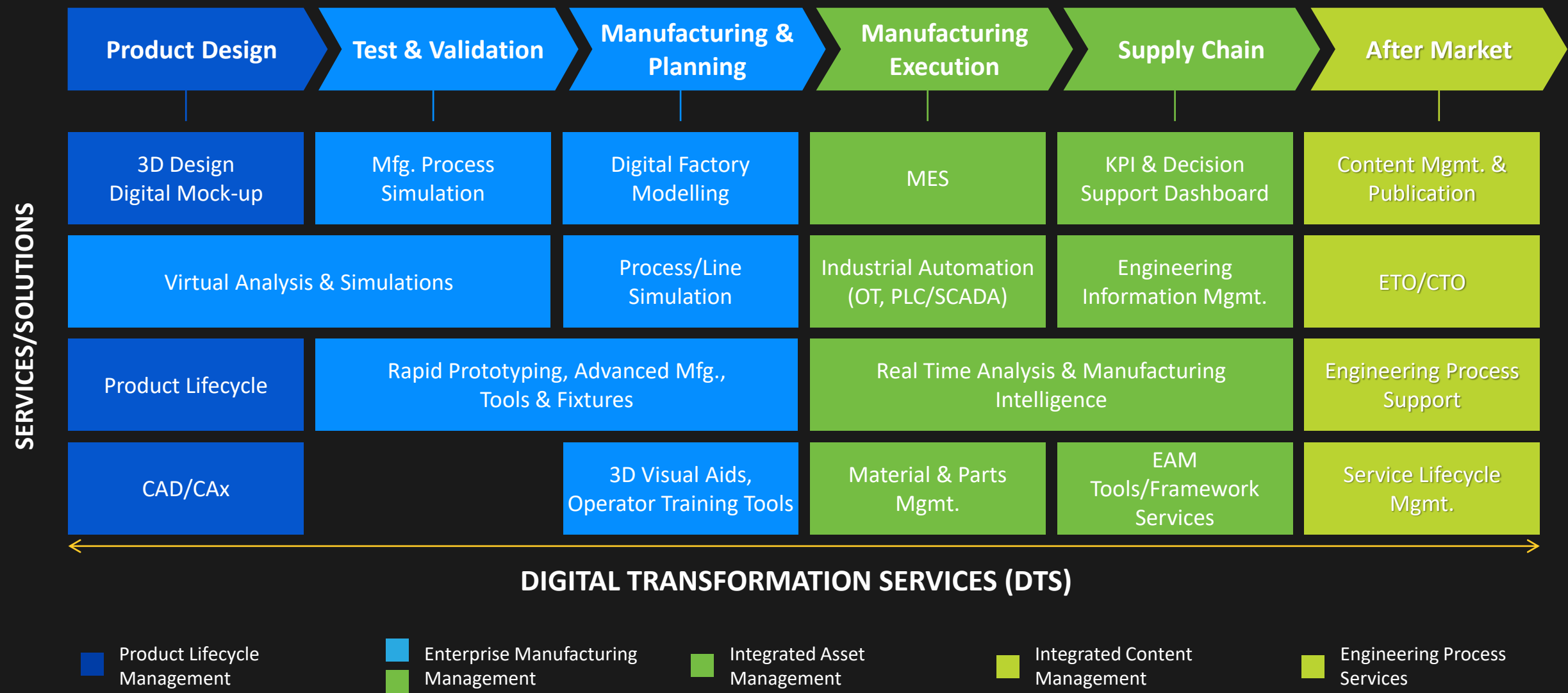


Enabling Technologies

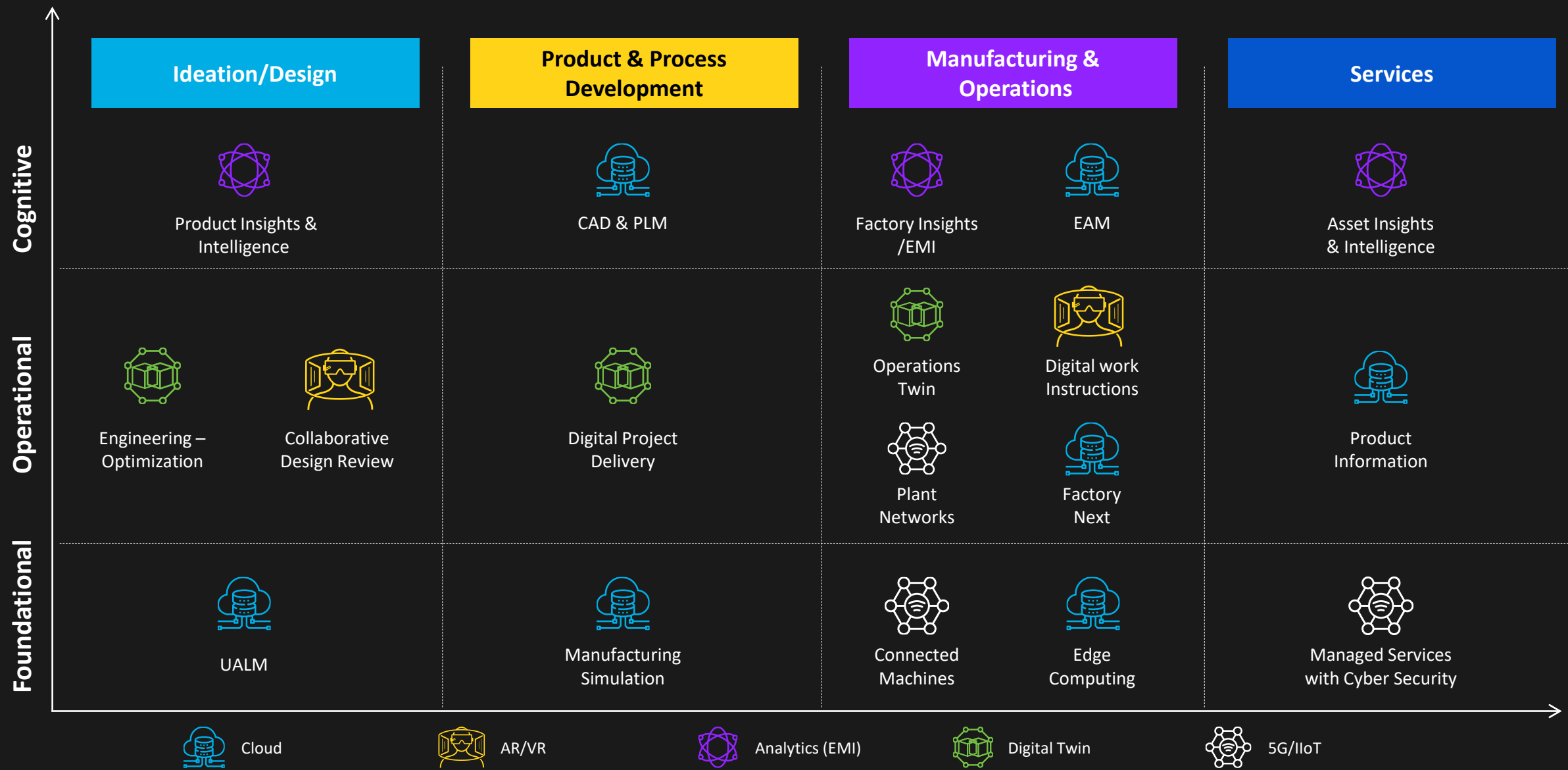
- | | | | | | |
|------|-------|-------|---------------|----------------------|------------|
| IIoT | AR/VR | AI/ML | Digital Twins | Cloud/Edge Computing | Simulation |
|------|-------|-------|---------------|----------------------|------------|



SERVICING THE VALUE CHAIN



UNLOCKING VALUE USING NEW AGE TECHNOLOGIES

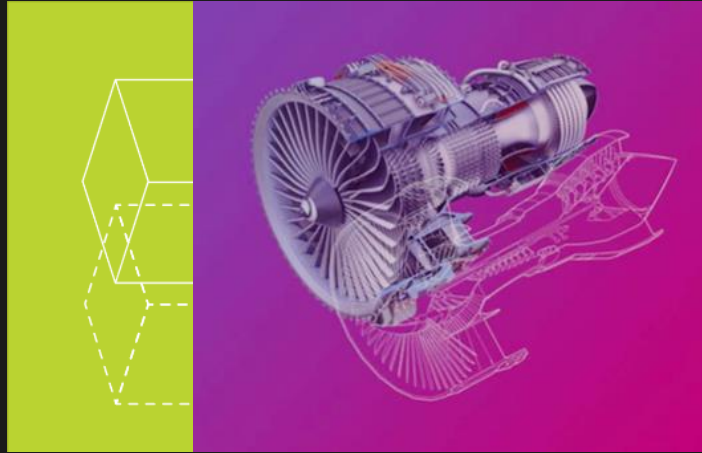


OUR FOCUS...



01 Engineering Applications Cloud

- Design Cloud
- Manufacturing Cloud
- Services Cloud
- FactoryNext Framework



02 Digital Twin

Contextual Digital Twin:
Engineering, operation and performance:

- Design Twin
- Operations Twin
- Service Twin



03 IIoT Based Enterprise Mfg. Intelligence (EMI)

Design, factory & asset insights

- Manufacturing Service Bus
- Predictive
- Prescriptive

READY SOLUTIONS: ACCELERATE INDUSTRY 4.0 ADOPTION

Product Lifecycle

DFx - Design For Excellence

iConfigure

uALM (Unified Application Lifecycle Management)

Labelling Management

Asset Reliability

Asset Reliability Center

Asset Data Advisory (ADA)

Condition Based Maintenance (CBM)

Maintenance, Reliability And Integrity (MRI)

Spare Parts Management & Governance (SMG)

Overall Equipment Effectiveness (OEE)

Asset Condition Monitoring (ACM)

Manufacturing Operations & Services

Paperless Operations

Energy & Sustainability Manager

Golden Batch/ Batch Manager

Digi-serve

Product Catalogue & Data Management

Digital Twin

DELIVERING VALUE

01



**Cloud Based
Paperless Factory
for CPG Major**

02



**Plant Asset Management
Platform for an
Automotive Giant**

03



**Digital Twin for
Industrial Products
Manufacturer**

04



**Energy and
Sustainability Manager
for F&B Major**

THANK YOU