

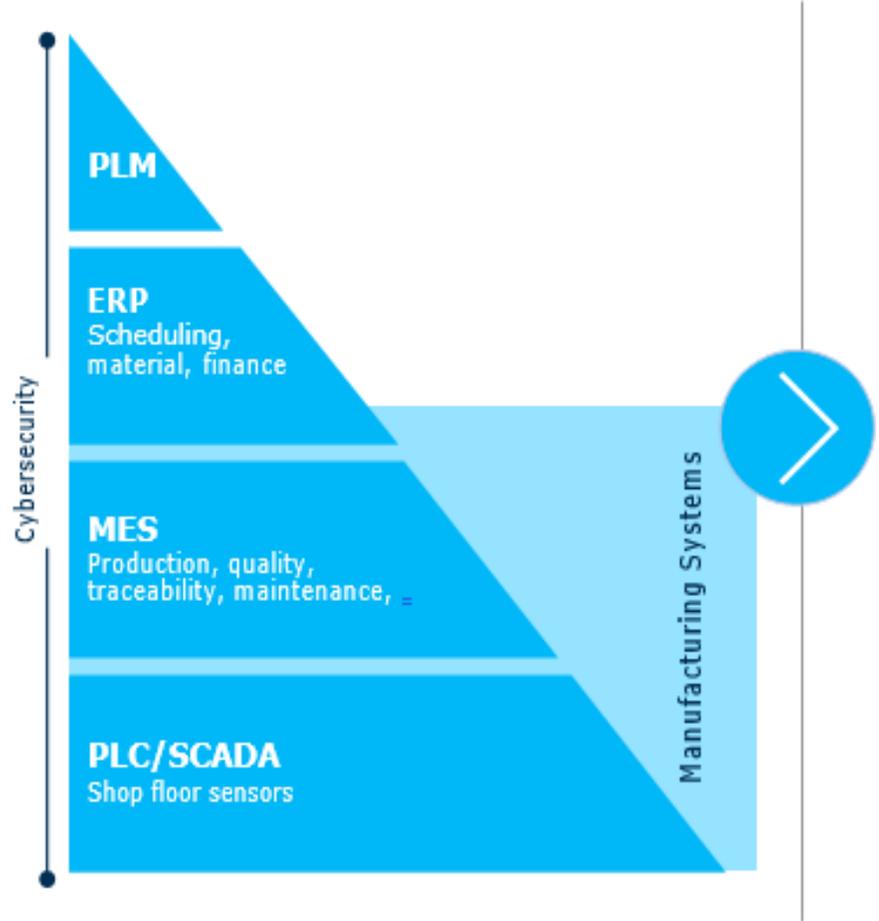


PERFORMATICA
ENGAGEMENT PLAYBOOK

Performance That Matters

TRIGGER FOR CHANGE

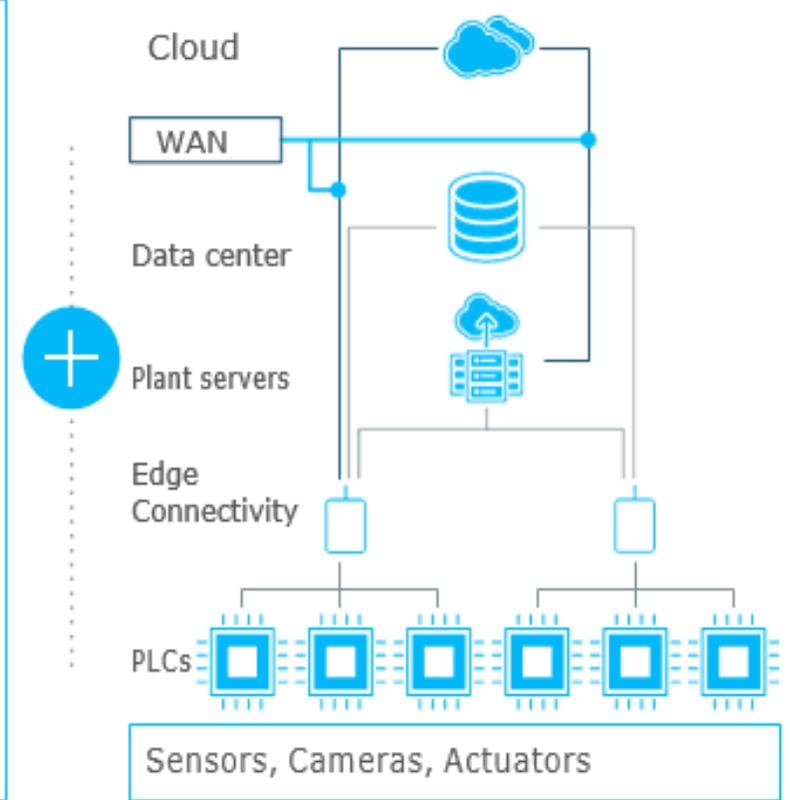
Current ISA-95 architecture



Future Software Design

Next Gen Apps & Micro-services	Mobile applications, SaaS	Cybersecurity
	Proprietary and standard apps	
IIoT platform	Advanced analytics and Machine Learning	
	Agile application development	
	Big data aggregation and storage	
	Device management: Discover, connect.	
Edge compute	Real-time, processing, quality control	
Edge platform	Development, data management, connectivity management	

Future Infrastructure Architecture





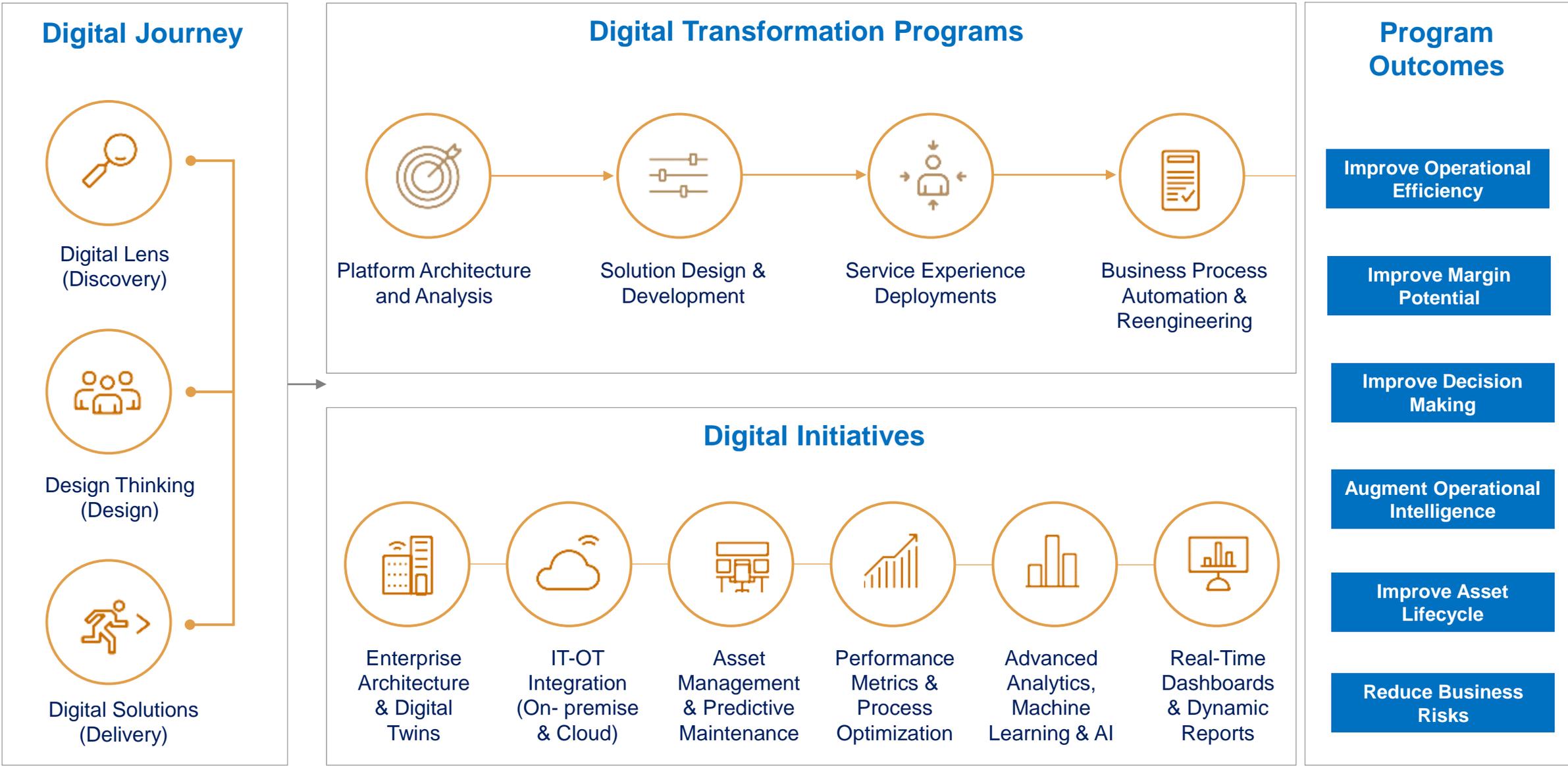
ENGAGEMENT PLAN

**Digital Lens
(Discovery)**

**Design
Thinking
(Design)**

**Digital
Solutions
(Delivery)**

PLAYBOOK



Digital Journey



Digital Lens
(Discovery)



Design Thinking
(Design)

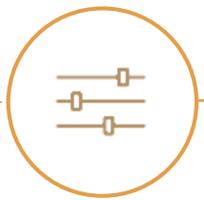


Digital Solutions
(Delivery)

Digital Transformation Programs



Platform Architecture
and Analysis



Solution Design &
Development



Service Experience
Deployments



Business Process
Automation &
Reengineering

Digital Initiatives



Enterprise
Architecture
& Digital
Twins



IT-OT
Integration
(On-premise
& Cloud)



Asset
Management
& Predictive
Maintenance



Performance
Metrics &
Process
Optimization



Advanced
Analytics,
Machine
Learning & AI



Real-Time
Dashboards
& Dynamic
Reports

Program Outcomes

Improve Operational
Efficiency

Improve Margin
Potential

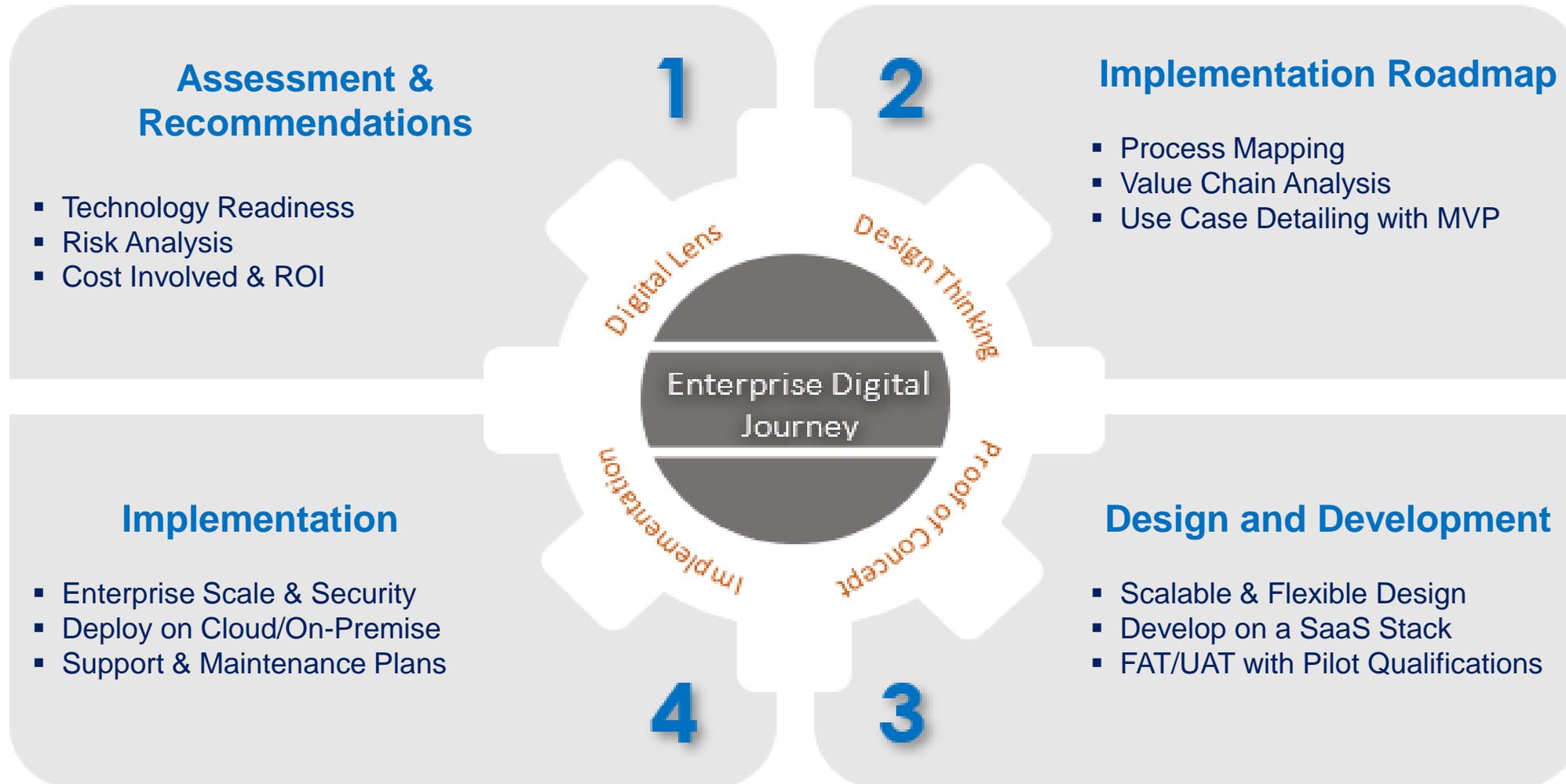
Improve Decision
Making

Augment Operational
Intelligence

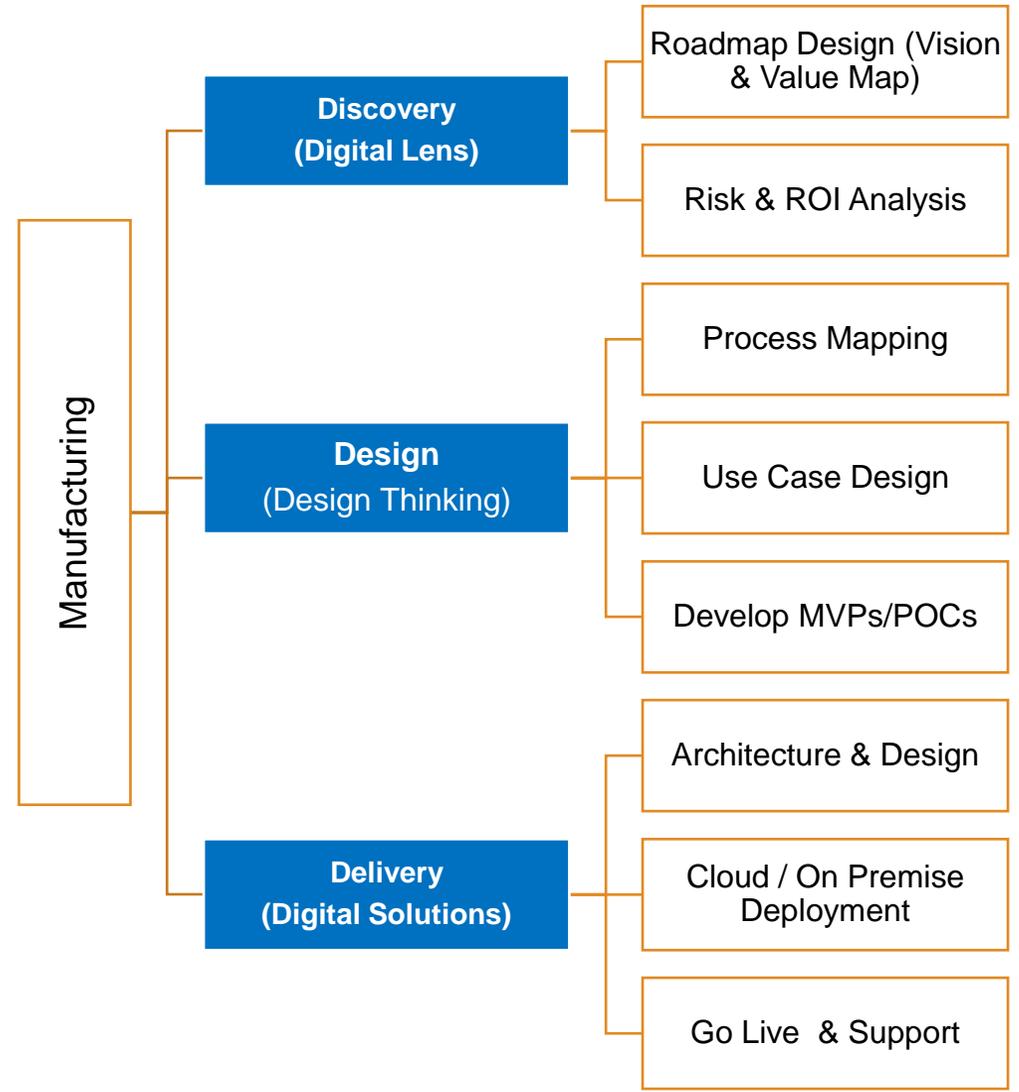
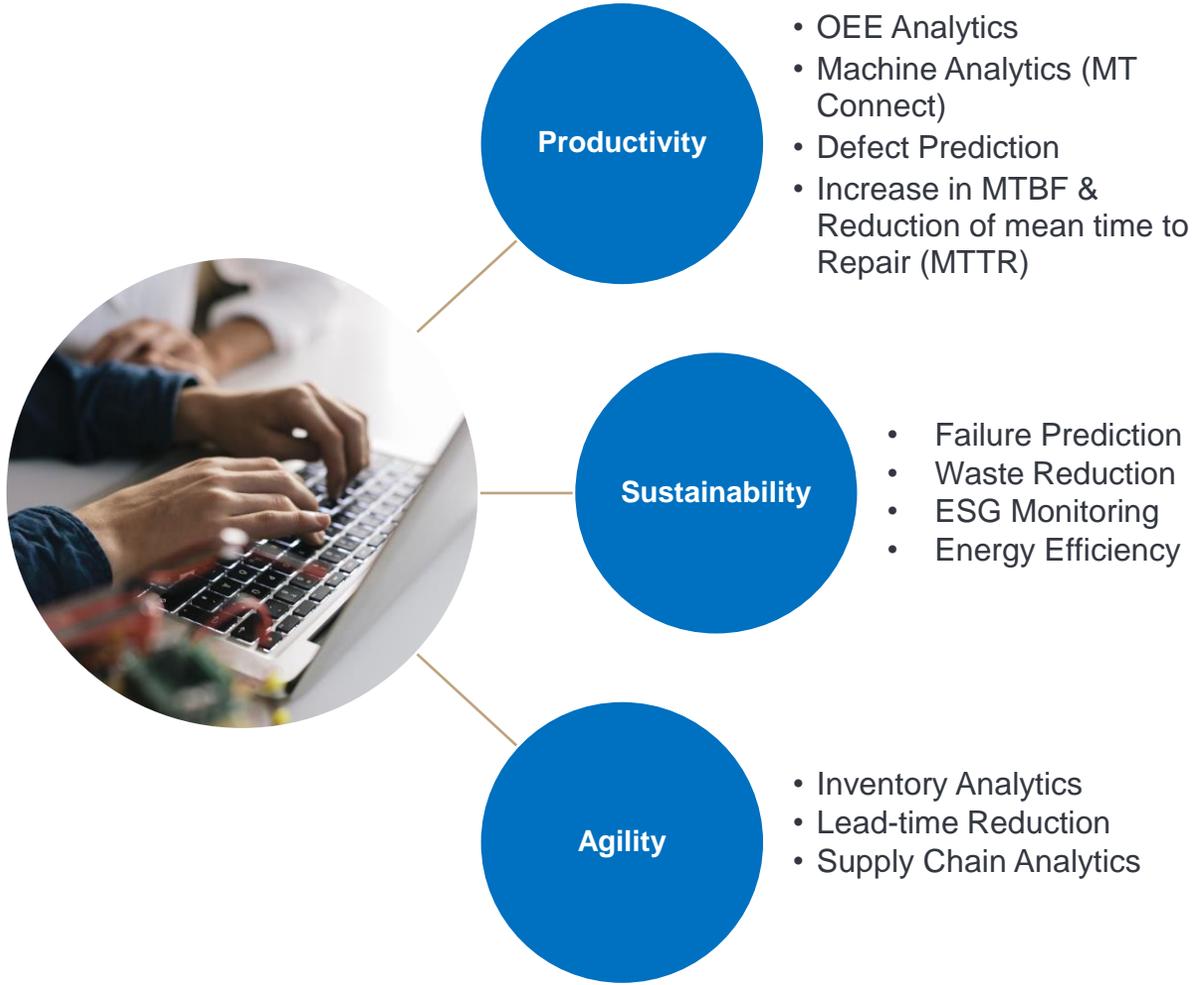
Improve Asset
Lifecycle

Reduce Business
Risks

ENGAGEMENT AREAS



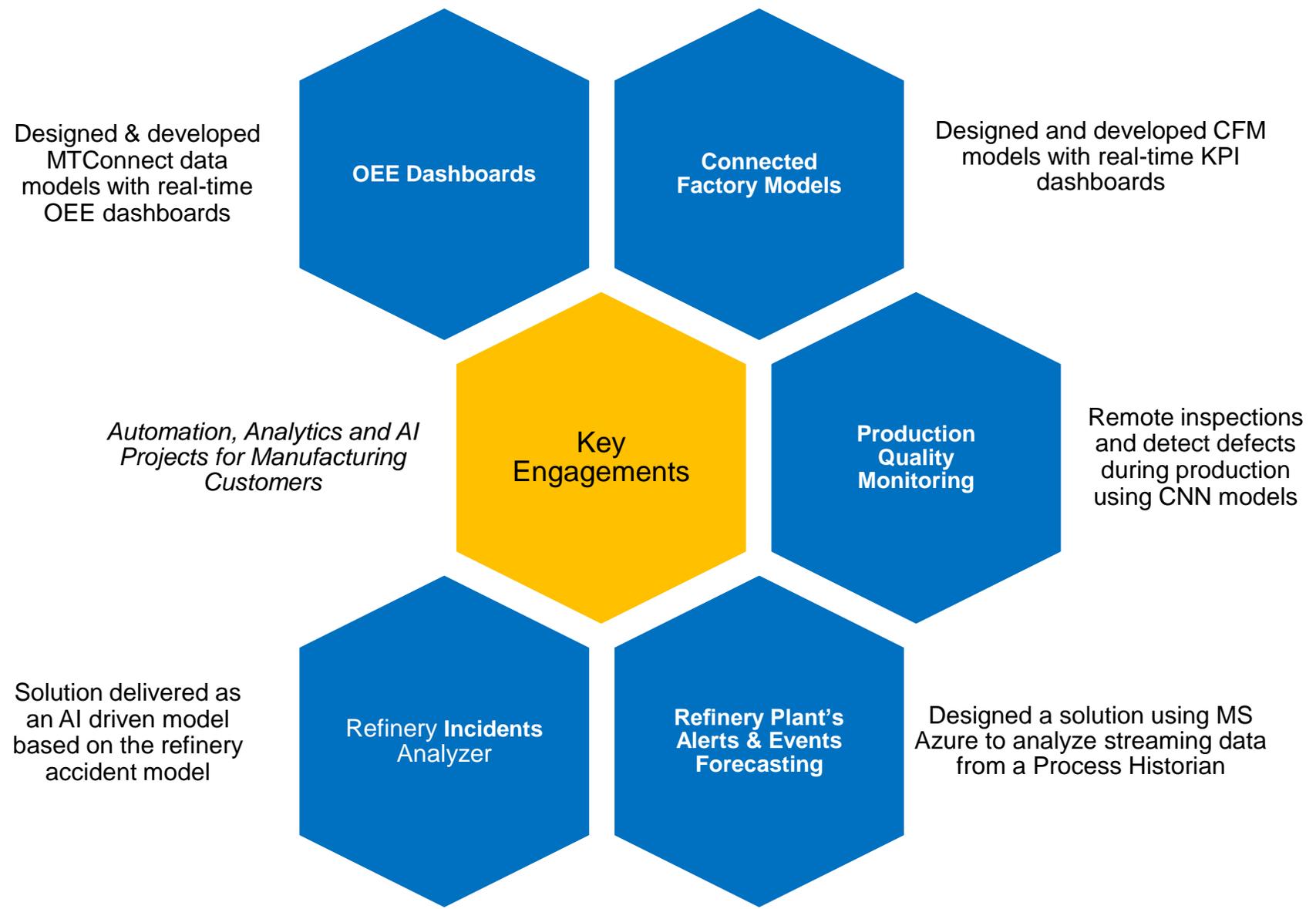
FOCUS AREAS



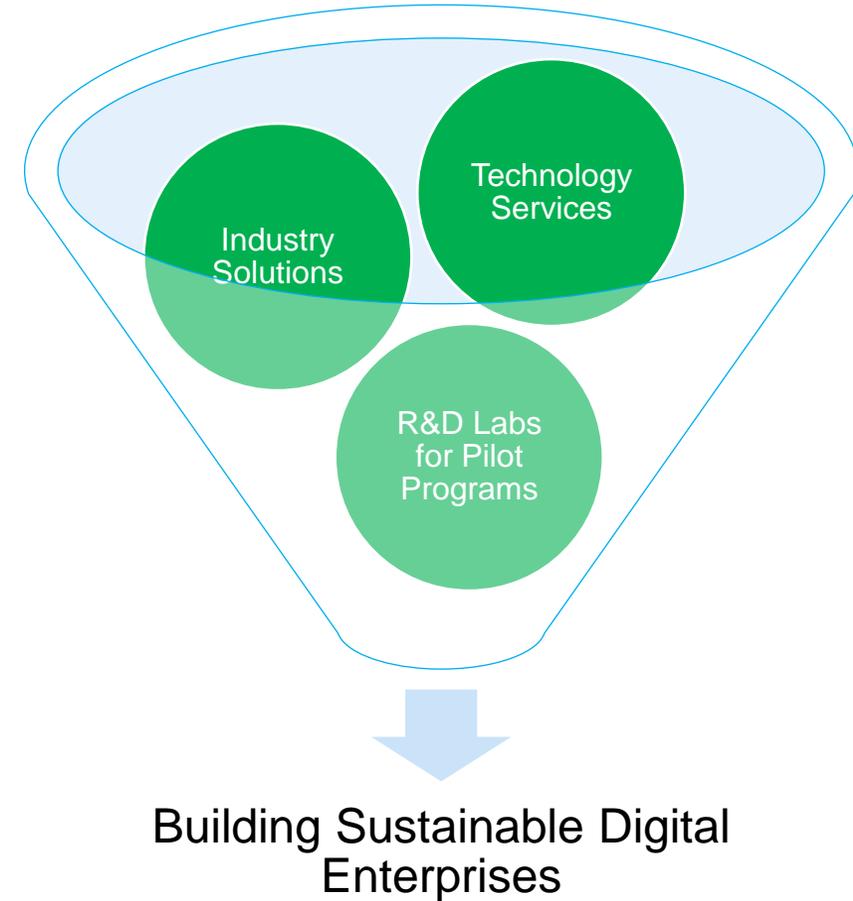
DISCOVERY PROJECTS

<p>Data & Analytics</p> <p>Sample Use Cases</p> <ul style="list-style-type: none"> ▪ Internal & External supplier data used for process ▪ Predictive Maintenance ▪ Data used between processes ▪ Machine & process data used for statistics & quality analysis 	<p>Process Automation</p> <p>Sample Use Cases</p> <ul style="list-style-type: none"> ▪ Automatic downtime response ▪ Automatic changeover ▪ Automated assembly ▪ Auto-adjust based on data ▪ Automated inspections 	<p>Material Flow</p> <p>Sample Use Cases</p> <ul style="list-style-type: none"> ▪ Automatic machine loading ▪ Automated component feeding ▪ Automated finished good conveyance ▪ Digital Material Replenishment ▪ Automated palletizing 	<p>Physical to Digital</p> <p>Sample Use Cases</p> <ul style="list-style-type: none"> ▪ AR Operator training support ▪ Electronic Work Instructions ▪ Electronic Performance Dashboard ▪ Mobile checklist ▪ Product and Process tracking
<p>Benefits</p> <ul style="list-style-type: none"> ▪ Improved Quality ▪ Improved OEE ▪ Material Usage & Reduced Scrap ▪ Traceability 	<p>Benefits</p> <ul style="list-style-type: none"> ▪ Labor Efficiency ▪ Reduce Scrap & Downtime ▪ Improved Quality 	<p>Benefits</p> <ul style="list-style-type: none"> ▪ Labor Efficiency ▪ Material Utilization 	<p>Benefits</p> <ul style="list-style-type: none"> ▪ Reduce Manual Reporting Time ▪ Improve Quality & Traceability ▪ Reduced Time For Training

IT-OT ENGAGEMENTS



MANAGING OPERATIONS



INDUSTRY 4.0 PROJECTS

- E&P Analytics Workbench
- Upstream Data Analyzer (UDA) for NPT Reduction
- AI enabled EOR (Enhanced Oil Recovery) & Production Decline



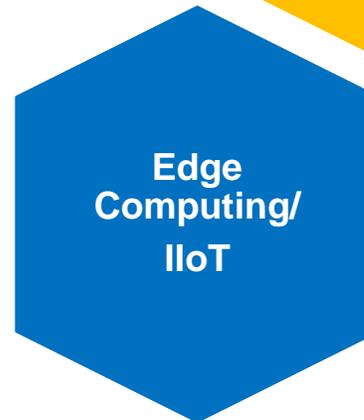
- Energy Trading using Blockchain
- Gas Management for Pipeline Companies
- LSTK (Lump Sum Turn Key)/EPC Projects Management

*Industry 4.0 Projects
which can be leveraged
by Manufacturing
Enterprises*



- Predicting Pipeline Integrity from Cybersecurity Incidents
- Identity and Access Management

- Refinery Plant's Alerts & Events Forecasting
- Process Historian Analytics



- External and Internal Corrosion Analysis for Pipeline
- Prediction of Defects from variance analysis on produced items vs design specs

Thank You



Performatica LLC
3423 Williams Glen Drive, Sugar Land, TX 77479, USA
<https://performatica.net/>

Reach us at - marketing@performatica.net