

Accelerating the value creation and adoption of AI in manufacturing

CxO document

The Digital Manufacturing Revolution – Harness AI to lead the future

The Revolution is Here: Embrace the Future of Manufacturing

Five technologies are revolutionizing Manufacturing — **IIoT, machine learning, agentic AI, advanced robotics, and digital twins**. Companies that embrace these innovations are achieving unprecedented gains in productivity, sustainability, and resilience. The time to act is now.

The Opportunity: Transform Operations, Drive Impact

Imagine a global network of AI-powered factories, connected by a common data platform, which can optimize operations in real time. Focusing on the 17 use cases that matter — like agentic AI at scale, digital twins and neural network for E2E process optimization — that deliver measurable value and reimagine processes end-to-end.

The Path to Scale: Proven Principles for Success

With a business led, people-centered and AI-powered approach. Together with our technology partners — Microsoft, AWS, SAP, C3.ai, Nvidia and more — we deploy proven playbooks that accelerate time-to-impact and unlock transformative growth.

Why McKinsey: Your Partner in Transformation

With deep expertise and proven cases, McKinsey, Quantum Black and our preferred technology partners helps you move from strategy to scaled transformation. Let's shape the future of manufacturing together.

The future is digital. Start your journey today.

The case – 5 technologies are transforming the way we do operations

ⓧ Deep dive next ■ Potential impact



Industrial Internet of Things (IIoT) & Edge Computing

Real-time monitoring of assets, IIoT sensors, connected worker solutions, digital worker productivity tools

20-30% reduced downtime



Machine learning

Predictive maintenance, supply chain optimization, energy optimization, OEE root cause analysis

Double OEE

20% inventory reduction

①



Agentic AI

Production and maintenance GenAI co-pilot, quality automated workflows, autonomous decision-making, and generative design

2-4X higher indirect labor productivity

②



Autonomous & Industrial Robotics

Smart material handling, pick-and-place, assembly, and human-robot collaboration (cobots)

3-6X higher direct labor productivity



Advanced Simulation & Digital Twins

Virtual commissioning, process optimization, what-if scenario planning, real-time production mirroring, launch and training

2-3X faster launch

① The case – Agentic AI is redefining your teams with the power of human-**agent integration**...

“Kaizen”

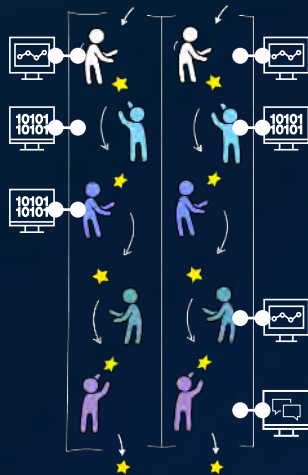
Continuous improvement



HORIZON 1

AI as tools

Human-led: AI **empowers individuals** to be faster and produce higher quality outputs; models are general purpose and accessed as tools

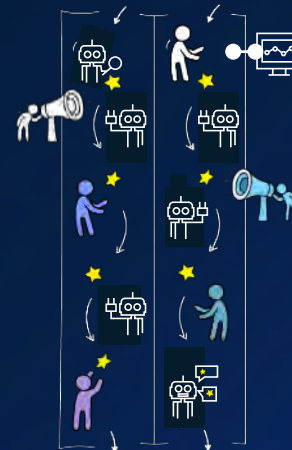


Productivity gains

HORIZON 2

AI as teammates (“Agents”)

Human + AI: AI **performs portions of processes**, eliminating “simpler” human roles; models are tuned for use cases and linked with other systems



Productivity gains

“Kaikaku”

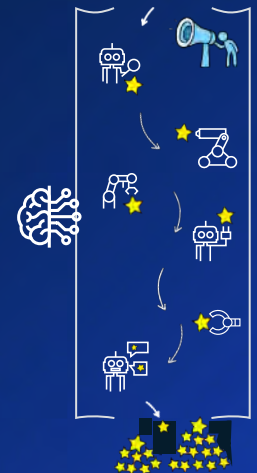
Radical change



HORIZON 3

Agents as full teams

Humans + Teams of AI: AI is **working autonomously as a team**, with ability to execute & adapt processes independently to reach desired outcomes; Humans are still in the “loop” working with the AI team



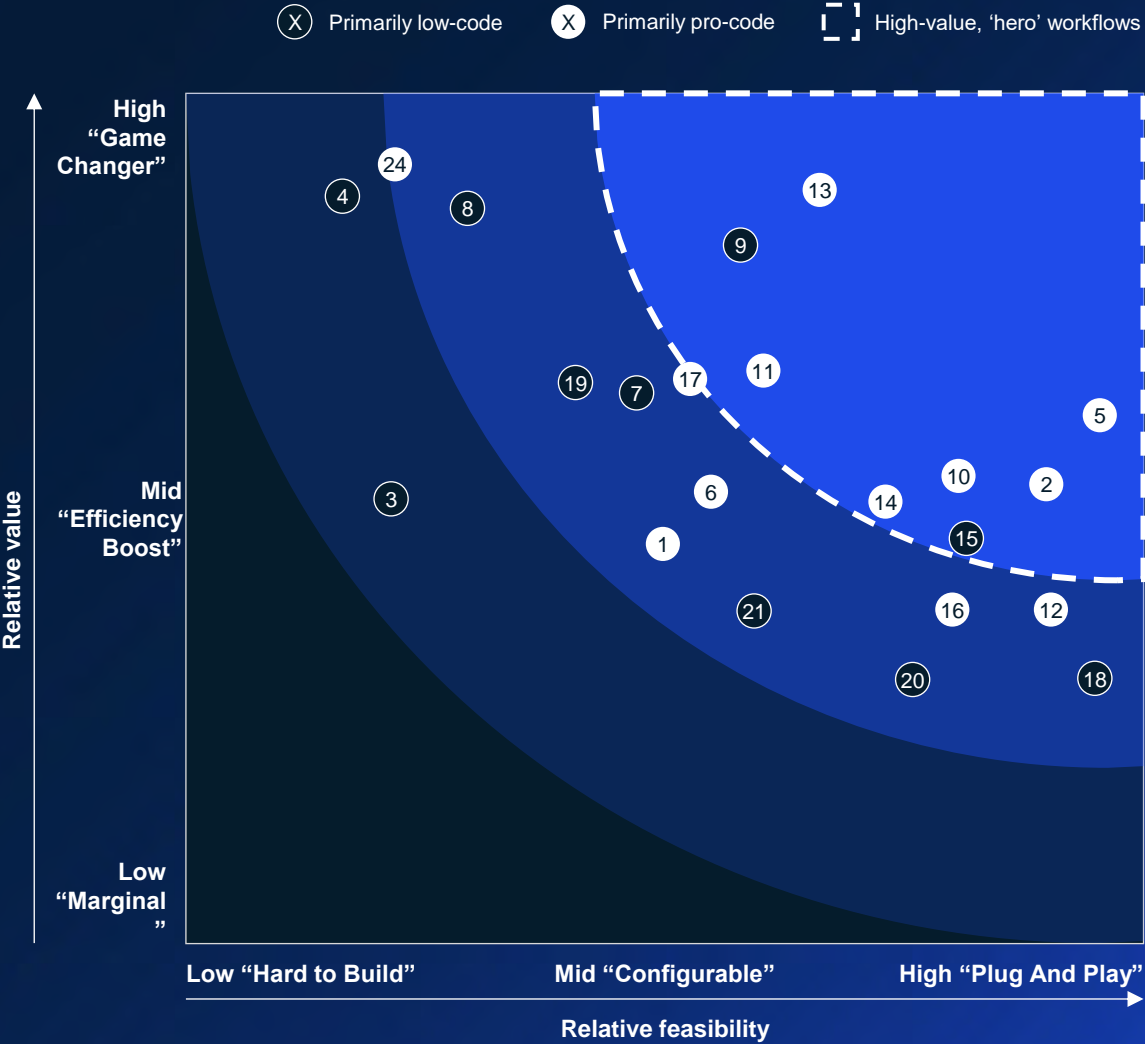
Productivity gains

① The case – ...where it can easily reinvent most workflows of indirect functions

Illustrative example

Operations

	Planning and Logistics	<div>① Creation of demand/ capacity forecasts - S&OP</div> <div>② Optimization of inventory parameters</div> <div>③ Monitoring of supply chain risks using real-time data feeds</div> <div>④ Optimization of shipment routes based on real-time data</div>
	Maintenance & Engineering	<div>⑤ Prioritization of maintenance work orders based on criticality</div> <div>⑥ Optimization of spare parts inventory level</div> <div>⑦ Automation of FMEA analysis</div> <div>⑧ Prediction of failures using sensor and production data</div>
	Production	<div>⑨ Performing real-time checks and flagging anomalies</div> <div>⑩ Monitoring of process parameters using real-time alerts</div> <div>⑪ Generation of performance report, e.g., through daily huddles</div> <div>⑫ Managing SOP revisions via control of document lifecycle</div>
	Quality	<div>⑬ Quality non-conformities investigation</div> <div>⑭ Preparation for audits via dashboard, incl. data scan</div> <div>⑮ Automation of risk assessments using historical process data</div> <div>⑯ Generation of compliance reports</div> <div>⑰ Automation of analytical data review</div>
	Others	<div>⑱ Automation of training assignment based on errors</div> <div>⑲ Creation of training modules/ job aids</div> <div>⑳ Development of succession plans, incl. identifying skills gaps</div> <div>㉑ Monitoring of regulatory intelligence; flagging SOP revisions</div>



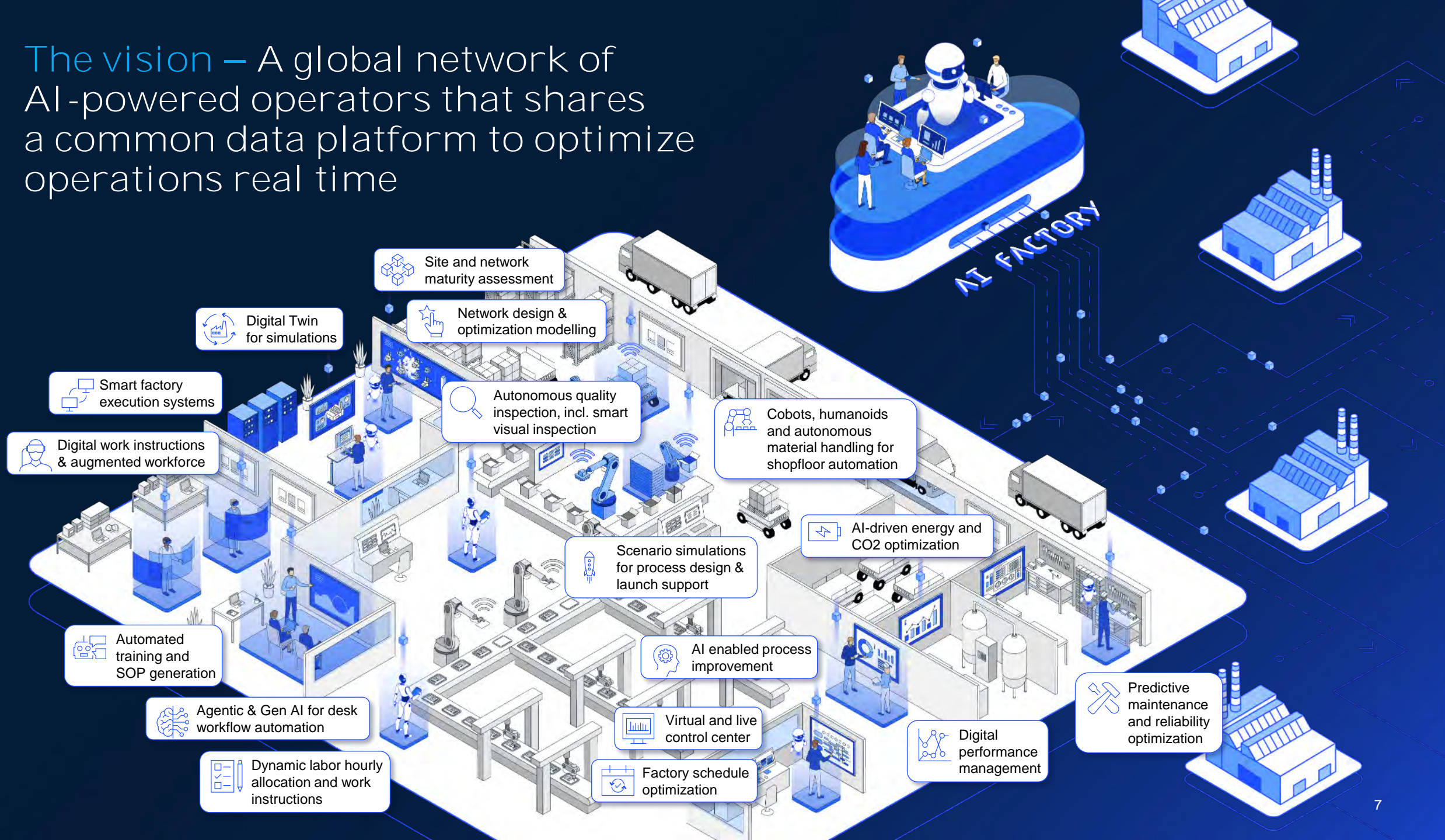
Note: Not exhaustive. Appropriate compliance and regulatory guardrails need to be considered while deploying workflows.

② The case – Industry leaders are going beyond automated warehouse and AGVs, venturing into testing humanoids

Three levels of humanoid autonomy emerging



















































The vision – A global network of AI-powered operators that shares a common data platform to optimize operations real time



The use cases that matter – 17 use cases that will make the difference and should be your focus

Not exhaustive

Business needs		Potential impact	IIoT & Edge Computing	Machine learning	Agentic AI	Autonomous & Industrial Robotics	Advanced Simulation & Digital Twins
Optimized network & strategy	 Site and network maturity assessment	Full transparency on maturity					
	 Network design & optimization modelling	5-10% conversion cost reduction					
Rapid & flawless launch and ramp-up	 Scenario simulations for process design & launch support	50% launch time acceleration					
Efficient and built-in-quality manufacturing	 Dynamic labor hourly allocation and work instructions	15-30% productivity improvements					
	 Digital performance management	30% OEE increase					
	 Factory schedule optimization	50% increased schedule adherence					
	 Agentic and Gen AI for desk workflow automation	25% reduction in team productivity					
	 Cobots, humanoids and autonomous material handling for shopfloor automation	80% labor productivity increase					
	 Digital Twin for process simulations	15% productivity uplift					
	 AI-driven process optimization and root cause analysis	50% throughput increase					
	 Live virtual control center	10% cycle time reduction					
	 Autonomous quality inspection, incl. smart visual inspection	40% scrap reduction from quality issues					
	 Smart factory execution systems	+30% uplift in machine utilization					
Resource-efficient operations	 Predictive maintenance and reliability optimization	30% downtime reduction					
	 AI-driven energy and CO2 optimization	40% energy and carbon savings					
Rapid workforce reskilling	 Digital work instructions & augmented workforce	20% labor productivity uplift					
	 Automated training and SOP generation	80% productivity uplift					

The proof – World Economic Forum (WEF) Lighthouse network demonstrates how AI and digital transforms manufacturing and achieve high impact

189

WEF Lighthouses within the global network

Implemented **digital technologies at scale**, driving significant advancements in **productivity**, **sustainability**, and **operational resilience**



Impact achieved

+100%

factory output

+84%

lead time
reduction

+90%

shortened
changeover times

A stylized illustration of a lighthouse on a dark, rocky island. The lighthouse is blue and white, with a glowing light at the top. A beam of light shines from the lighthouse across the dark blue water. A white circle with three dots is overlaid on the lighthouse, containing the text 'Step changes through tech-enabled transformations'.

Step changes
through
tech-enabled
transformations

Key principles – lessons learned from 100+ Digital & AI Transformations

Business and people led; AI powered

AI has significant impact potential and is a key requirement to stay competitive; focus on business impact where every initiative should create immediate value, it will trigger profound changes in ways of working, require organizational adjustments, and cause new talent needs

Scaling in Domains is what matters

PoVs are not enough; capturing impact at scale requires an overarching masterplan, a sound industrialization approach, and a spillover logic to avoid pilot purgatory

Focus on people is a priority

To ensure sustained impact from Digital & AI, potential readiness gaps and fears of employees need to be addressed to enable long-term solution adoption

Partnering is key to success

Instead of developing solutions end-to-end in-house, organizations need to partner to adopt and keep pace with rapid technological advancements

Digital needs a strong backbone in Data and IT

While efforts can be started in existing environments, full value capture requires a scalable and shared IT infrastructure

Faster results by applying a proven playbook

Having a clear ecosystem of products, trusted tech partnerships, and the right experience reduces complexity and speeds up execution

Client cases – Organizations across industries are already realizing value from digitalization and beginning to do this at scale

	① Mining	② Consumer	③ Pharma	④ Automotive
Description	<ul style="list-style-type: none"> Helped leading copper mining player confirm opportunity from advanced analytics Developed and scaled custom AI solution to increase productivity Avoided investing in new facility 	<ul style="list-style-type: none"> Implemented GenAI maintenance co-pilot Accelerates troubleshooting, root cause problem analysis and information retrieval Reduced overall impact of breakdowns 	<ul style="list-style-type: none"> Achieved WEF Lighthouse status through digital transformation Digitally connected value chain E2E from suppliers to consumers Predictive modelling of product reordering needs at individual customer level 	<ul style="list-style-type: none"> Identified and prioritized use cases and built Lighthouse deployment approach Developed proof of concept and implemented advanced scheduling using digital twin with live data feed and optimizer
Impact from Digital	<p>15-20% Increase in production across all sites</p> <p>\$1.5B+ CAPEX avoidance</p> <p>2,000+ Employees introduced to Agile ways of working</p>	<p>~3 p.p. Improvement in OEE</p> <p>5% Breakdown reduction</p>	<p>10% OEE increase</p> <p>30% cost reduction associated with process automation</p>	<p>5-10% Production rate improvement</p> <p>10+ Factories targeted for scaling</p>

Client cases – Organizations across industries are already realizing value from digitalization and beginning to do this at scale

	⑤ Automotive	⑥ Chemicals	⑦ Consumer electronics	⑧ Life Science
Description	<ul style="list-style-type: none"> Implemented five lighthouse use cases across the end-to-end customer value chain of a truck manufacturer 	<ul style="list-style-type: none"> Lead data & analytics transformation Supported makeover into a 'Know-How' company incl. roadmap, value assurance office, design of target architecture, target operating model 	<ul style="list-style-type: none"> Digital transformation focused on improving financial and operational KPIs Implemented agile digital use case development, CoE's, and a scalable upskilling program leveraging digital learning 	<ul style="list-style-type: none"> Launched a transformation for top 6 sites to identify 90+ lean and digital initiatives "Low/no-code approach" was applied to deploy 6 prioritized use cases to improve OEE, yield, labor productivity and quality outcomes
Impact from Digital	<p>~35%</p> <p>Time savings when editing SpecBooks in R&D</p> <p>20%</p> <p>Efficiency uplift for admin tasks in Sales</p>	<p>€600M+</p> <p>Value identified (revenue increase, cost reduction, and intangibles such as increased resilience, shorter time to market, higher customer satisfaction)</p>	<p>~35%</p> <p>Direct labor productivity</p> <p>300+</p> <p>Frontline leaders, IT and middle management trained through holistic capability building program</p> <p>2</p> <p>Centers of Excellence (CoE) built</p>	<p>~\$1M</p> <p>Annual saving through increased volumes</p> <p>~15%</p> <p>Uptime increase within 6 weeks</p> <p>5%</p> <p>OEE improvement through digital guides</p>

The recipe: “Rewire” your factory network

① Design your factory of the future



Business process reimagination

End-to-end core process redesign
in Launch & Ramp-up,
Manufacturing, Quality,
Maintenance, Utilities and Energy

Value driven roadmap

Value-based prioritization of use
cases per core process | High ROI
network-wide deployment roadmap
| Finance & senior leaders'
endorsement

② Build scalable technology



Data & IT/OT Infrastructure

Core system deployment |
Network-level cloud integration |
Smart sensors | Longterm
architecture and minimum
requirement road map definition

Scalable applications

Appstore and reusable applications
| Partnership with technology
leaders

③ Drive scale and adoption



Operating model

Tech CoE | User engagement |
Performance management |
Governance | Value assurance

Reskilling people at scale

Organization-wide reskilling | AI
academy | New factory capability |
Adoption

Cultural shift and scaling

Narrative | Role modeling | Incentives | AI culture

1| Reimagining processes – We will reinvent processes end-to end embedding technology into the core

Investigation example

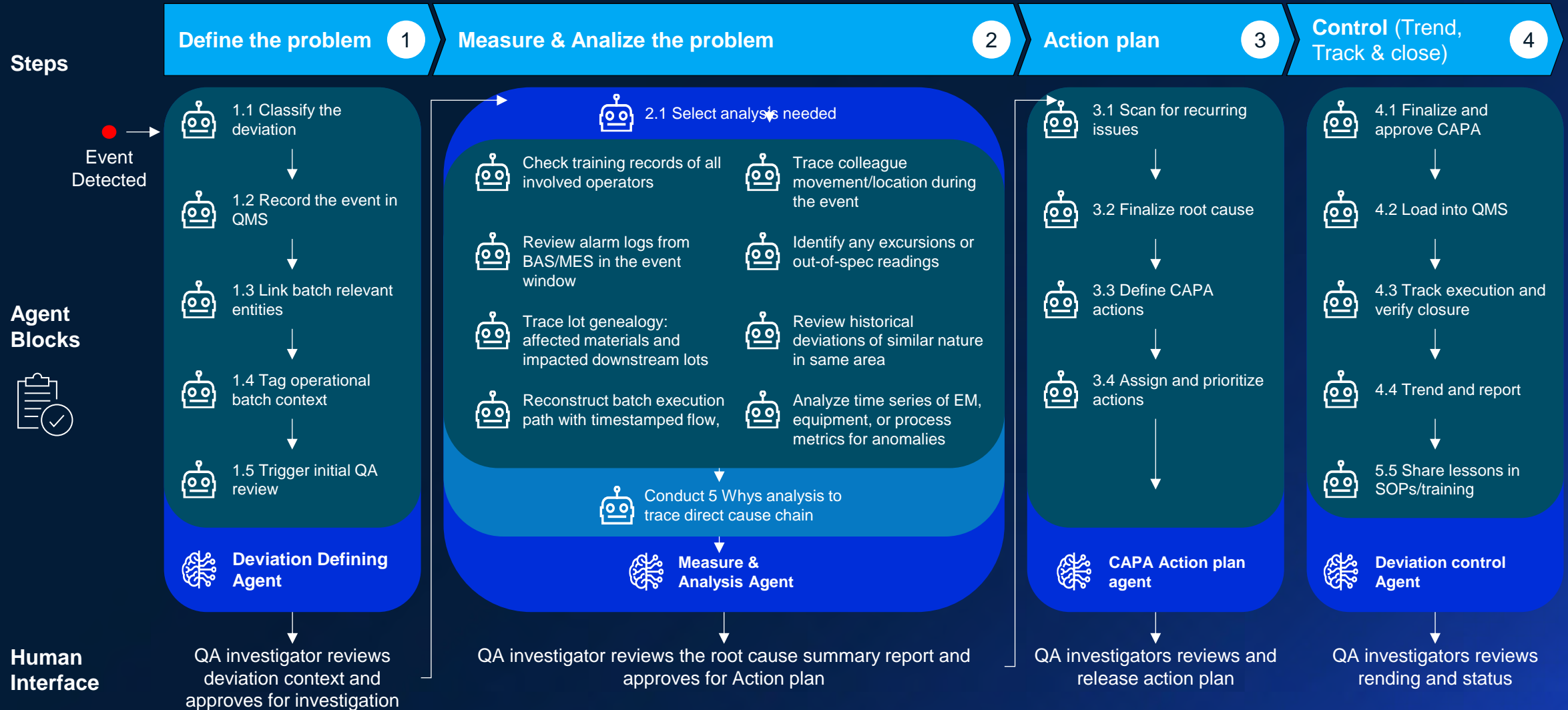


Individual Agent



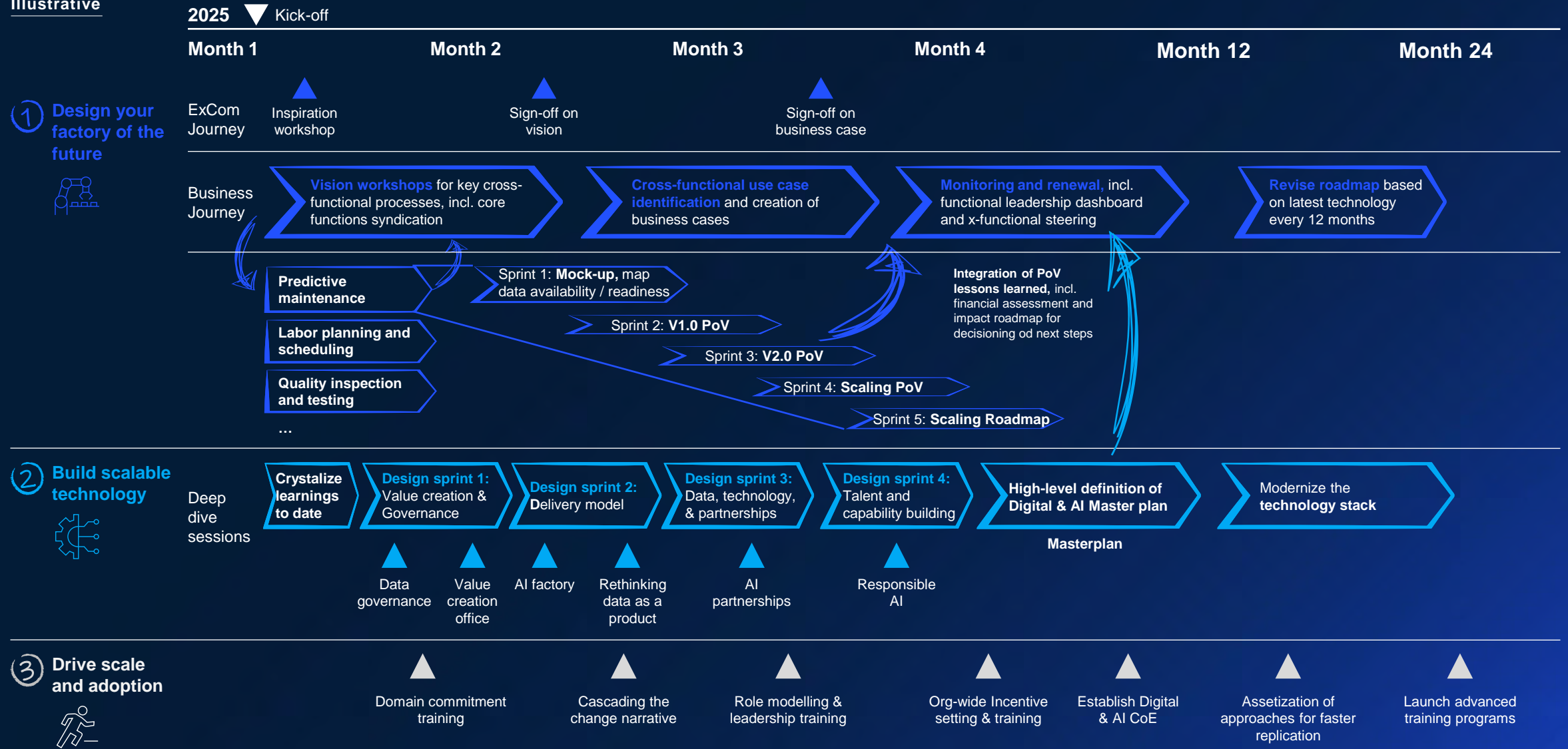
Agent group

→ Agent Flow/Sequence






































1| Value driven roadmap – An integrated roadmap aiming at delivering value, building the fundamentals and driving adoption

Illustrative



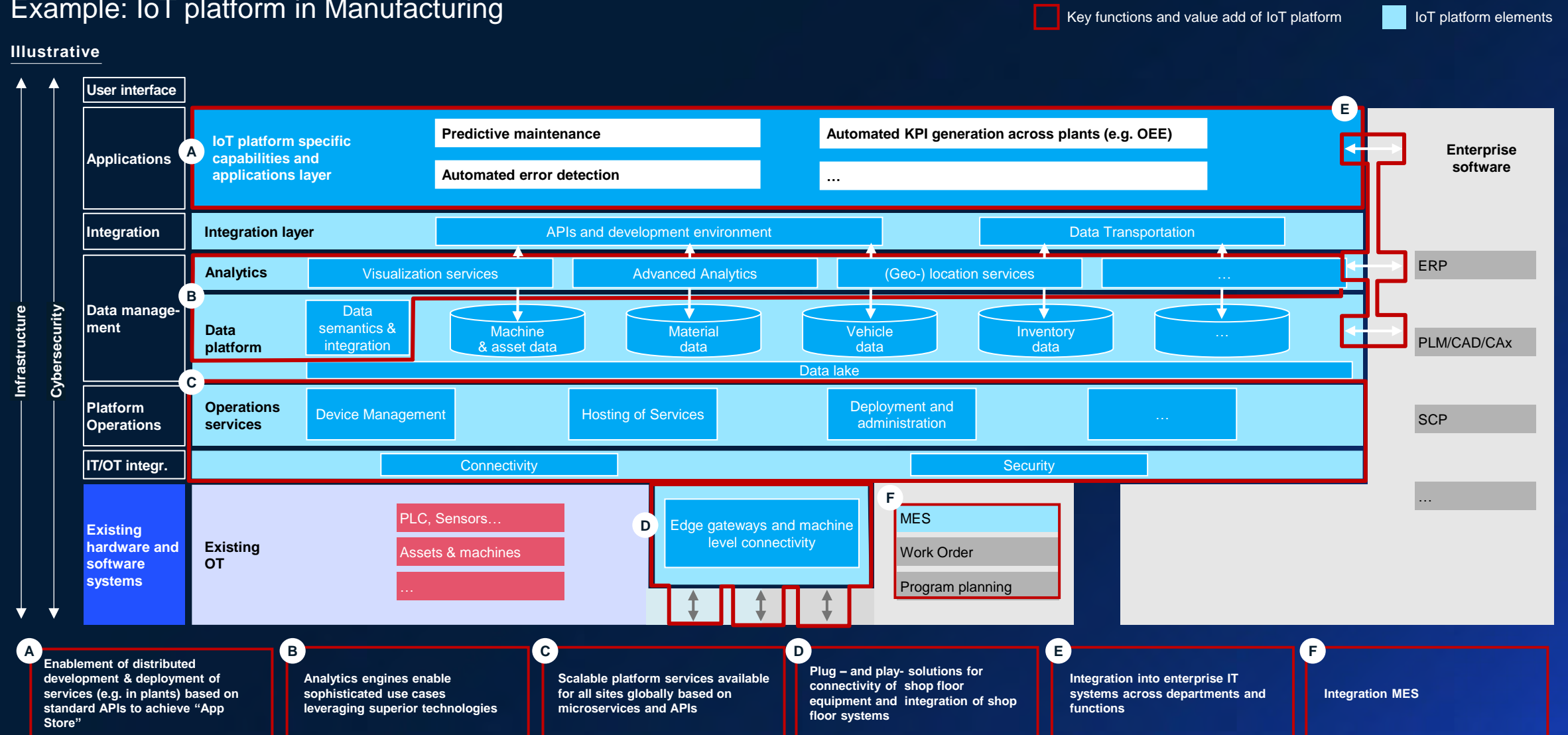
2| Appstore – Our library of Applications enables fast scaling of impact to your network

● McKinsey SaaS platform
 ● Leave-behind on client platform
 ● Tech partner platform


Application	Delivery Models	Sample Outputs	Example Impact
 Digital Production System (DPS)	●	 	Global scaling of your transformation
 Diagnostic Analytics: MSC360, ITOT architecture, Rapid MFG Diagnostic (RMD)	● ●	 	Full transparency of operations maturity 15-20% increased throughput
 Energy Systems Optimization (ESO) suite	● ●	 	30-40% Energy and carbon savings 20% CapEx reduction
 Shopfloor scheduling optimization (VMX)	● ●	 	30-50% increased schedule adherence
 Process setpoint optimization (OptimusAI)	● ●	 	2-5% uplift in final recovery
 Digital performance management and OEE In partnership with   	●	 	10-30% increased OEE
 Smart SOPs, Gembas, quality checks In partnership with  	●	 	15-40% Labor productivity 40-60% Learning time reduction for operators
 Digital twin-based throughput optimization In partnership with  	●	 	10-15% average throughput uplift Up to 10% specific unit cost reduction
 Maintenance workflow and copilot In partnership with 	● ●	 	25% reduction in non-productive tech time

2| Technology architecture – You will need to adapt your technology architecture to scale use cases

Example: IoT platform in Manufacturing



2| Technology partner – You will need to partner with leaders to leverage the latest advancements in technology

 Deep dive next

Not exhaustive

Partner layer

Purpose

Potential Partner-ships

Hyperscalers and data platforms

Provide industry agnostic data platforms, software and AI environment

Hyperscalers

 Microsoft





Google

AI & Digital applications

Develop industry specific solutions

Manuf. partners



 NVIDIA

Digital visualization partners

 TULIP

Ignition!

Automation partners

 KUKA
 ABB

System Integrators

Industrialize the data applications in the client environment

OT SI



 CALYPSO



IT SI

Infosys

 cognizant

Capgemini

 TCS
TATA CONSULTANCY SERVICES

Business transformation & Value assurance

Re-invent client processes and secure impact delivery and adaptation

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 orphoz
A MCKINSEY COMPANY

 QuantumBlack
AI by McKinsey

Build
by McKinsey

2a | **Solution landscape** – We bring a comprehensive view of the best solutions in the market to add to your Appstore for each prioritized use case

MSC solution landscape (1/2)

Not exhaustive

■ Partner solution ■ Non-partner solution ■ McKinsey solution

Business need	Use cases	Selected solutions									
① Optimized network & strategy	Site and network maturity assessment	SAP Chain Sustainability	TULIP Production Rights & Location	McKinsey & Company Asset Management	MPC Software Factory Layout and Sizing						
	Network design & optimization	SAP Integrated Business Planning	d SOLUTIONS Supply Chain Planning & Analytics	Anaplan Enterprise Workflow Execution	Llamasoft Network Design	McKinsey & Company Asset Management	MPC Software Factory Layout and Sizing				
		Optilogix Supply Chain Network Optimization	Kinaxis Demand Planning	Bluevonder Network Chain & Warehouse	AIMMS Network Design	OMP Network Design					
② Rapid & flawless launch and ramp-up	Scenario simulations for process design & launch support	Microsoft Capital Goods Optimization	NVIDIA Modelview	Siemens Twinmaker	pfc Asset Definition & M						
③ Tech-enabled planning	Advanced analytics-based supply planning and S&OP	SAP Integrated Business Planning	d SOLUTIONS Supply Chain Planning & Analytics	Kinaxis Demand Planning	Bluevonder Supply Chain Planning	OMP S&OP	McKinsey & Company Asset Management	MPC Software Factory Layout and Sizing			
	Digital Control Tower with E2E value chain visibility for S&OE	SAP Integrated Business Planning	celonis Control Tower	d SOLUTIONS Supply Chain Planning & Analytics	Kinaxis Demand Planning	McKinsey & Company Asset Management	MPC Software Factory Layout and Sizing				
		Bluevonder Supply Chain Planning	Palantir Digital Twin	dioneers S&OE Control Tower							
	Machine learning demand forecasting and planning	SAP Integrated Business Planning	d SOLUTIONS Supply Chain Planning & Analytics	C3.ai Demand Forecasting	OMP Demand management	McKinsey & Company Asset Management	MPC Software Factory Layout and Sizing				
		Anaplan Demand Planning	Kinaxis Demand Planning	dioneers S&OE Demand Forecasting	Bluevonder Supply Chain Planning						
	Cloud-based inventory management & optimization	SAP Integrated Business Planning	d SOLUTIONS Supply Chain Planning & Analytics	C3.ai Inventory optimization	McKinsey & Company Asset Management	MPC Software Factory Layout and Sizing					
	celonis Inventory Management	Kinaxis Inventory	dioneers Inventory Optimization	Bluevonder Warehouse Management							
④ Efficient and built-in-quality manufacturing (to be cont'd)	Digital Twin for simulations (network, factory, shop or equipment level)	NVIDIA Orionview	Siemens Experience	Simio Digital Twin	dioneers Digital Twin	McKinsey & Company Asset Management	MPC Software Factory Layout and Sizing				
	AI enabled process improvement (OEE, yield, scrap)	C3.ai AI Asset Performance Suite	TULIP Production Rights & Quality Control	Ignition MCPA modules	dioneers OEE monitoring module	Pavea OEE	McKinsey & Company Asset Management	MPC Software Factory Layout and Sizing			
	Agentic and Gen AI for desk workflow automation	Microsoft Control Suite Copilots	C3.ai AI Asset Performance Suite	MaintainX Maintenance workflow and copilot	TULIP Production Copilot						

1. Including MSC360, ITOT architecture, Rapid MFG Diagnostic (RMD), DPS maturity assessment, SC Insights, SC Risk (Explorer/Illuminator), warehouse Cleansheet. | 2. Including OptimusAI, ThroughputX, Value Maximizer (VMX).

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landscape (2/2)


■ Partner solution ■ Non-partner solution ■ McKinsey solution

	Selected solutions									
offshore operation	ABB	ABB	KUKA	KUKA	ABB	ABB	YASKAWA	YASKAWA	FANUC	FANUC
hourly allocation and work	SAP	Manufacturing Execution	Anaplan	Collaborative Workforce Planning	TULIP	Production Mgmt Module	Poka	Digital work instructions	MaintainX	Work instruction tools
ization (factory maintenance, labs...)	C3.ai	Supply Chain AI Suite	Kinaxis	Production Scheduling	TULIP	Production Mgmt Module	infor	Manufacturing Production Scheduling System	Mugear	WMS Support, ERP and ERP/Cloud
	d3 solutions	Supply Chain Planning & Analytics	SAP	Integrated Supply Chain Planning	RouteRunner	Advanced Planning & Scheduling	SIEMENS	Operational Excellence	OMP	Optimization
ance management	Ignition	Engineering	TULIP	Production Mgmt Module	Rockwell Automation	FactoryTalk View	Autodesk	3D modeling tools	ptc	Simulation, Digital Production, Maintenance
ontrol center	Honeywell	Experion PKS	SIEMENS	SIBATIC WinCC Control	Rockwell Automation	FactoryTalk View	McQuay-Norris	Water Control		
uality inspection, incl. inspection	SIEMENS	SIBATIC Machine Vision	KEYENCE	3D Sensor Vision systems	Omron	Automation Inspection Systems				
xecution systems	SAP	ERP/Logix Manufacturing Execution	SIEMENS	Automation Execution	Rockwell Automation	FactoryTalk ProductionCenter	Honeywell	Manufacturing Execution System		
	Ignition	Production Mgmt Module	TULIP	Production Mgmt Module	Solvace	MES	Pilotedge	MES		
ased energy optimization	C3.ai	AI Based Plant Performance Suite	SIEMENS	Sub-CENTERS Suite and Thermal unit	ABB	ABB Ability Energy Management System	McQuay-Norris	Energy systems (Power, Water, etc.)		
maintenance and reliability	C3.ai	AI Based Plant Performance Suite	TULIP	Production Mgmt Module	MaintainX	Enterprise Asset Management	espectech	Asset performance management	fix	Asset Risk Predictor
									ptc	Threats/High Production Maintenance
ed Logistics Command	FurEYE	Delivery Logistics Platform	MOJO	Planning, Logistics Control Center	BlueVonder	Supply Chain Control Center	Palantir	Supply Chain Solutions	Falcon	Ripple Planning
st training and SOP generation	TULIP	Work instruction Module	PARSAFEL	Computer Worker	Poka	Digital work instructions	MaintainX	Work instruction tools	Augmentir	Industrial Smart Tools
ent environment for training, safety, and remote	NVIDIA	Immersion	BeamVR	3D AR/VR	ptc	Virtual	Immersal	Work instructions		

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3| AI Center of Excellence – The AI Factory is a key enabler to centrally design, develop and effectively scale AI use cases

AI Factory: how to enable digital transformations through a dedicated Center of Excellence

 Roles can be internal or external



Product Managers

Defines product vision per use case and prioritizes features driving user value



Data Scientists

Design and deploy models to enable use cases



Data Engineers

Design data infrastructure and information flows, manage data architecture



IT/OT Integration Engineers

Oversee integration with PLCs, SCADA, MES, working with control systems and IoT engineers



Manufacturing Domain Experts

Act as translators between shopfloor and technical team, and validate solutions in the real world

Not exhaustive

1 Key roles and capabilities

Ensure core capabilities and resources are established to build the foundations and scale use cases



2 Use case AppStore

Maintain AppStore portfolio and introduce a robust gatekeeping process for introduction of new use cases



3 Governance & performance management

Ensures digital transformation stays on track by monitoring progress, tracking impact, driving adoption, managing risks and driving accountability



3| Value assurance – “Quarterly Value Releases” create a steady cadence of impact realization over the longer-term

From...

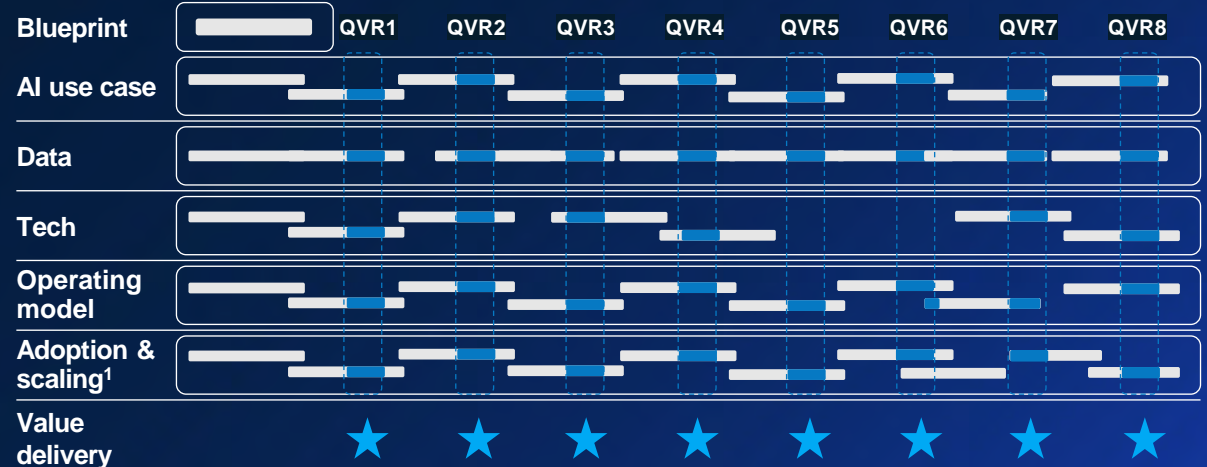
- **Broad transformation efforts** with vague business impact
- **Parallel program** of “horizontal” foundational efforts
- **Minimal linkages** between horizontals
- **Value delivery mostly at the end** of each horizontal
- **Focused on 3 of the 6** “building blocks”
- **No explicit link to business/scientific flows & impact**



“We will have an industry-leading data lake in 3 years”

...To

- **Targeted transformation support** with specific link to business or scientific value
- **Programme links all horizontals** via “QVRs”
- **View on interdependencies** and acceleration opportunities
- **Value delivered every 3-6 months** through each QVR
- Each QVR **touches all 6 building blocks**
- **Link from QVR to impact** through scientific/business flows

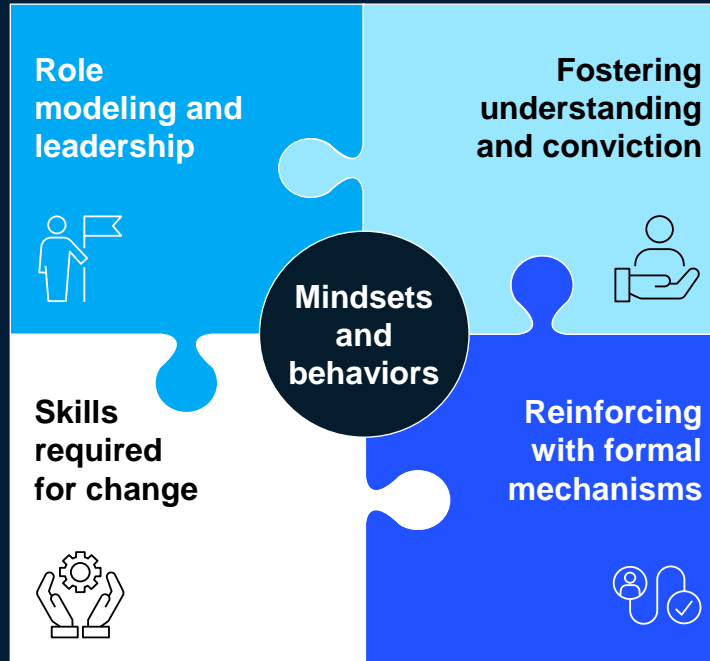


“We will have an MVP in the hands of users in 90 days”

Exact design and sequence of QVRs is anchored in business timelines and needs for value creation

1. Including change management

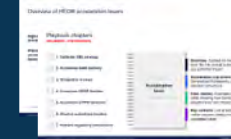
3| Drive scale and adoption – Initiatives to support AI adoption should cover a full set of levers to change mindsets and behaviors



Org-wide communication



Compelling change story



Standard workflows and blueprint



Change champions



Leadership alignment



Regular show-and-tell sessions



Team recognition



Performance visualization board



Weekly leadership reviews



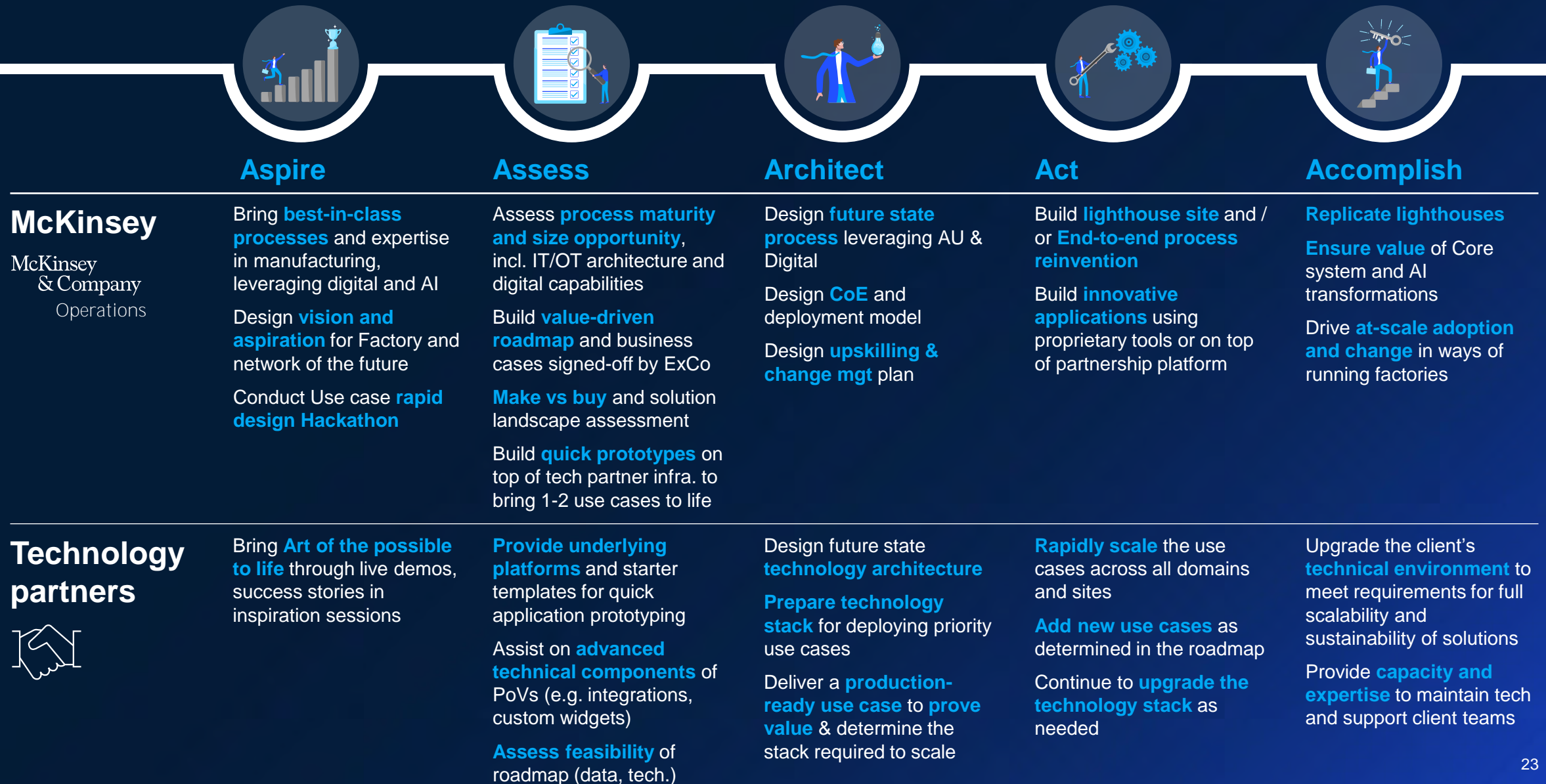
Agile ways of working



Digital & AI capability building



Our proven approach – 5 steps to go from business strategy to at scale network transformation



Our qualifications – Why McKinsey is best suited to support you in your Digital & AI Transformation

Not exhaustive

A

We bring extensive experience of leading Digital & AI Transformations in manufacturing

Proven track record of **delivering impact through Digital & AI transformations** for industry leaders, with **+100 technology transformation engagements** completed in the past year

Leading truck maker	Developed scalable (Gen)AI backbone across all OUs
Mining industry leader	Deployed AI technology to increase productivity by 15%+
Global food company	Implemented GenAI maintenance co-pilot
Tier 1 auto player	Developed digital twin to drive a 10% productivity uplift

B

Our Quantum Black team bring extensive experience and expertise on data, AI & Tech

QuantumBlack Labs is our dedicated CoE working to **accelerate AI deployments**. QB Labs translates **cutting-edge technology** and innovation to practical **applications**, accelerating impact for our clients

40+	offices worldwide
1200+	technologists specializing in AI
3	remote delivery hubs (Budapest, Bengaluru, Ho Chi Minh) enabling



C

We bring established assets to fast track the build of use cases

Robust ecosystem of **proprietary assets** ready to be deployed for high priority use cases within Manufacturing and beyond, which can be **customized to your specific needs** in a quick, efficient way

iDIAGNOSE

DPS

POBOS

ESO suite



ThroughputX

Value Maximizer

D

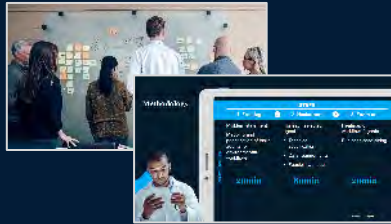
We partner with technology leaders to bring the best of the world

Established ecosystem of **strategic partnerships** with technology alliances, academic institutions, and industry collaborators



How to get started – A few ways to kick-start your digital journey

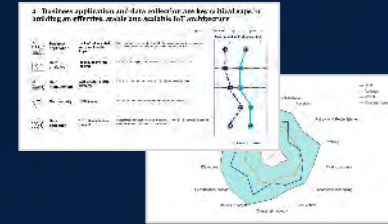
Hackathon



2-day walkthrough



Maturity scan or WEF lighthouse mock assessment



Inspiration workshop at leading AI institution (e.g., Stanford)



What you get from it

Tailored workshop to learn about technologies available and **run “hackathon” sprints** on a digital use case

A site-specific maturity scan, **insightful and actionable observations** and the estimated **value at stake**

A **maturity assessment** against WEF lighthouse criteria or peer benchmarks on overarching maturity of your operations

Opportunity for leaders to attend **tailored classes at a leading university** and explore emerging **AI startups**

Timings

Half-day workshop

2-day factory visit

1-3 weeks

2 days