

AVEVA PI WORLD

Empower your operations teams to
maximize efficiency, productivity,
collaboration and quality

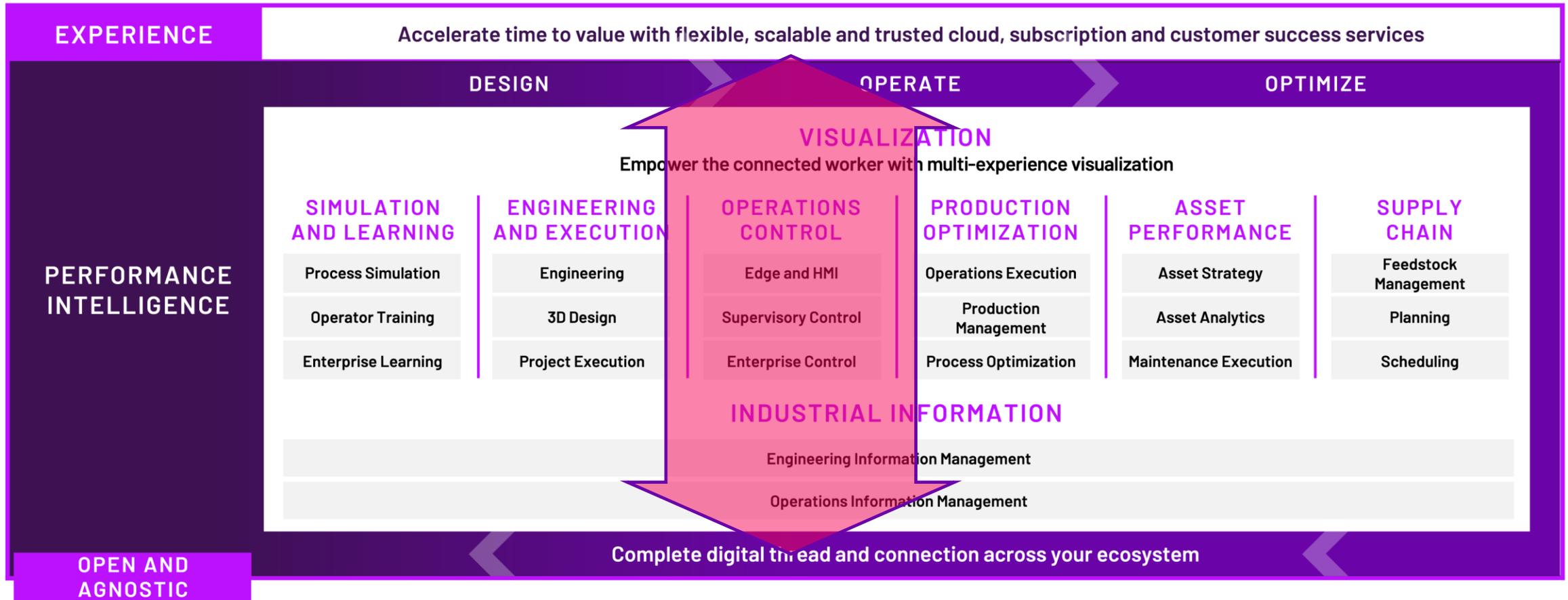
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AVEVA

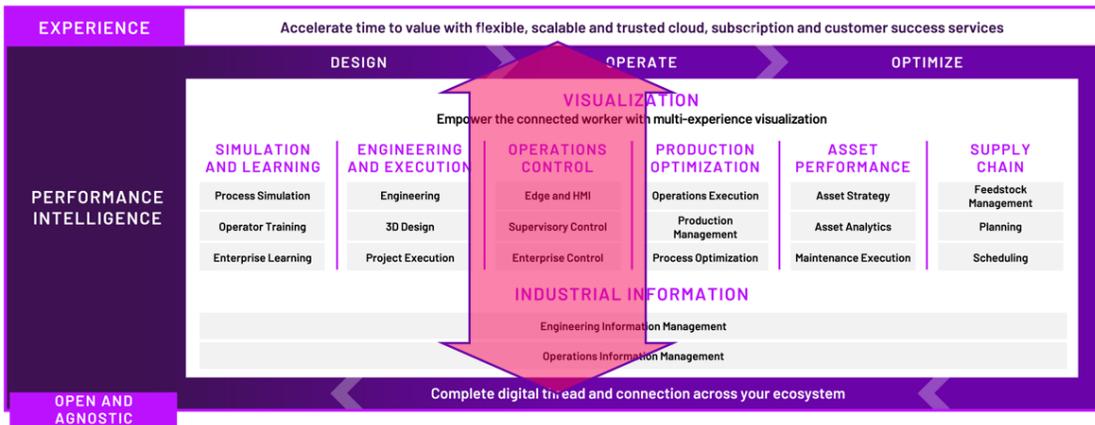
Unlocking Performance Intelligence

Accelerating digital transformation of the industrial world



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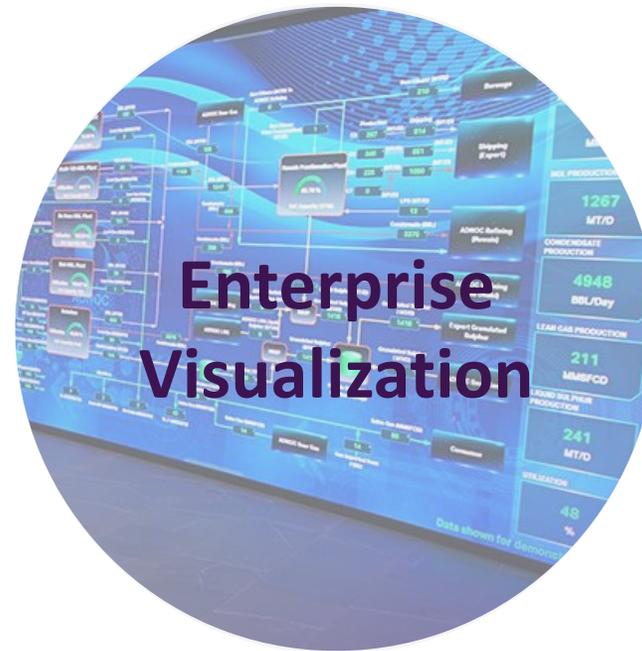


Hybrid	Process	Discrete	Infrastructure

#1 Market Leadership **Enabled by Partner Ecosystem** **Enabling Operations Excellence**

Operations Control

Focus Areas



Aligning Operations Teams with Performance Intelligence



HMI

Comm.

SCADA

Visualization

Standardization

Decision Making

Collaboration

IloT Edge

Control

Alarms Events

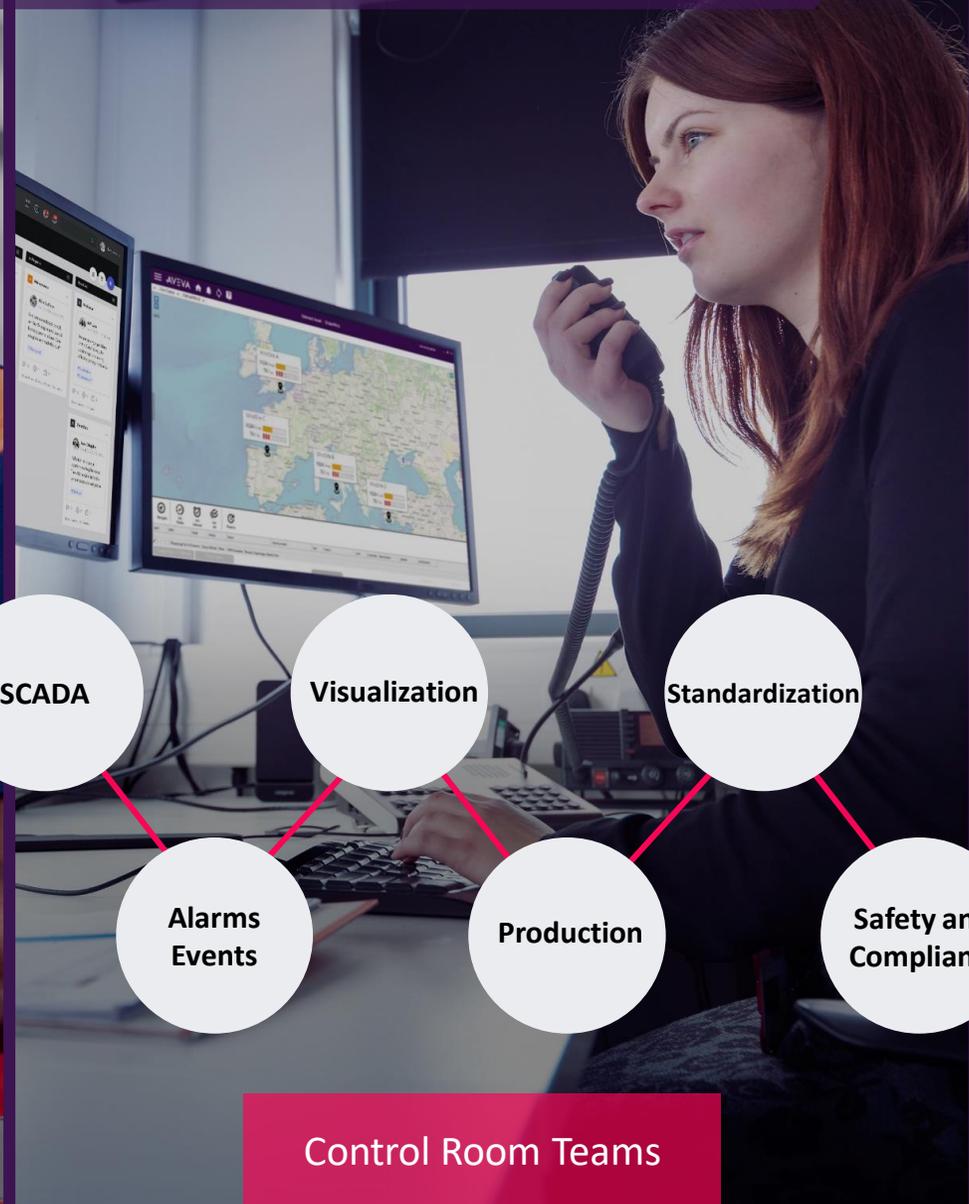
Production

Safety and Compliance

IT/OT Aggregation

Reporting

Plant / Field Teams



HMI

Comm.

SCADA

Visualization

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Control Room Teams



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Enterprise Teams

Bring a smarter future into focus with the **Confidence to Operate** from edge to enterprise



Collaboration



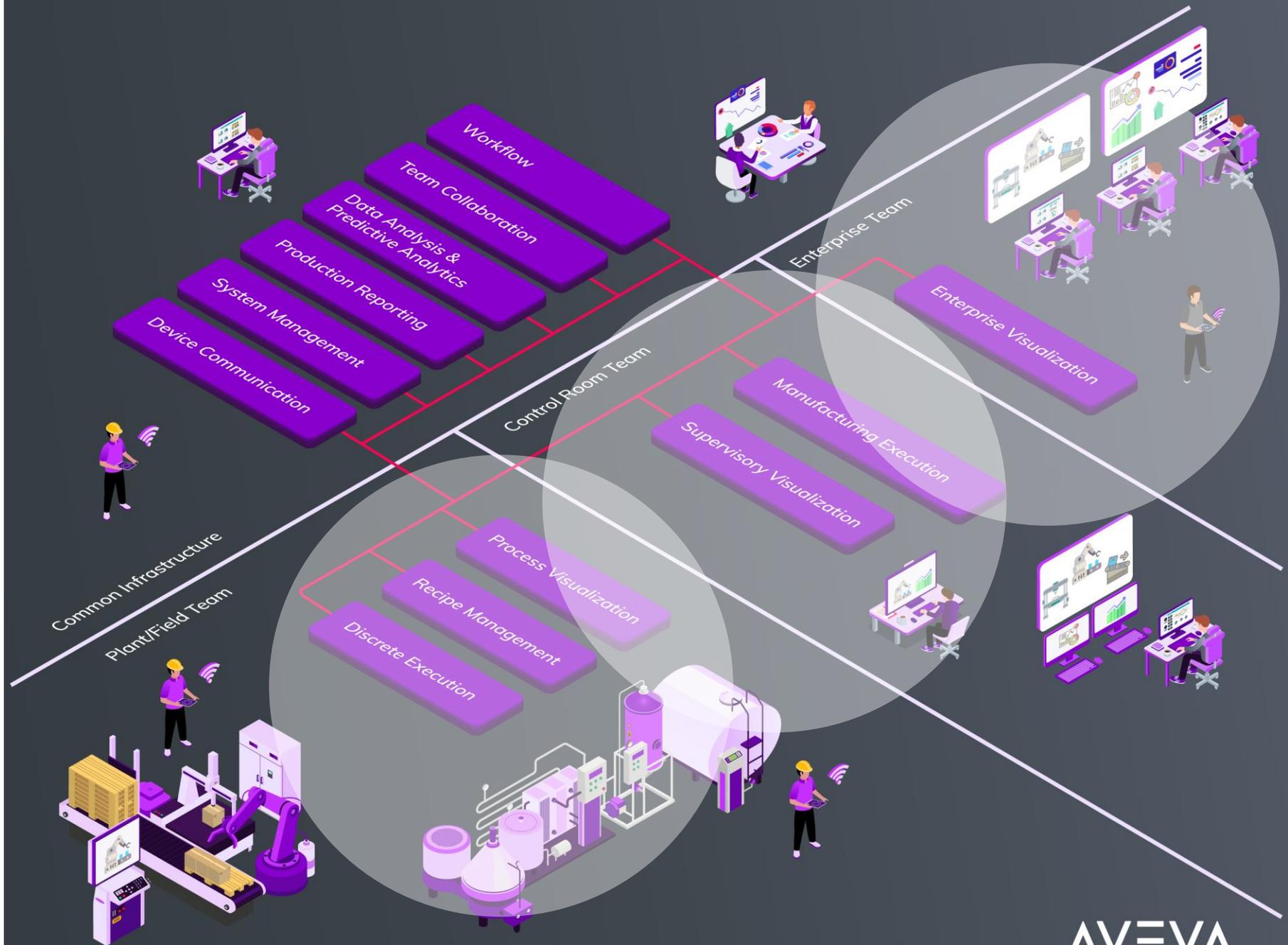
Line-of-Sight Visibility



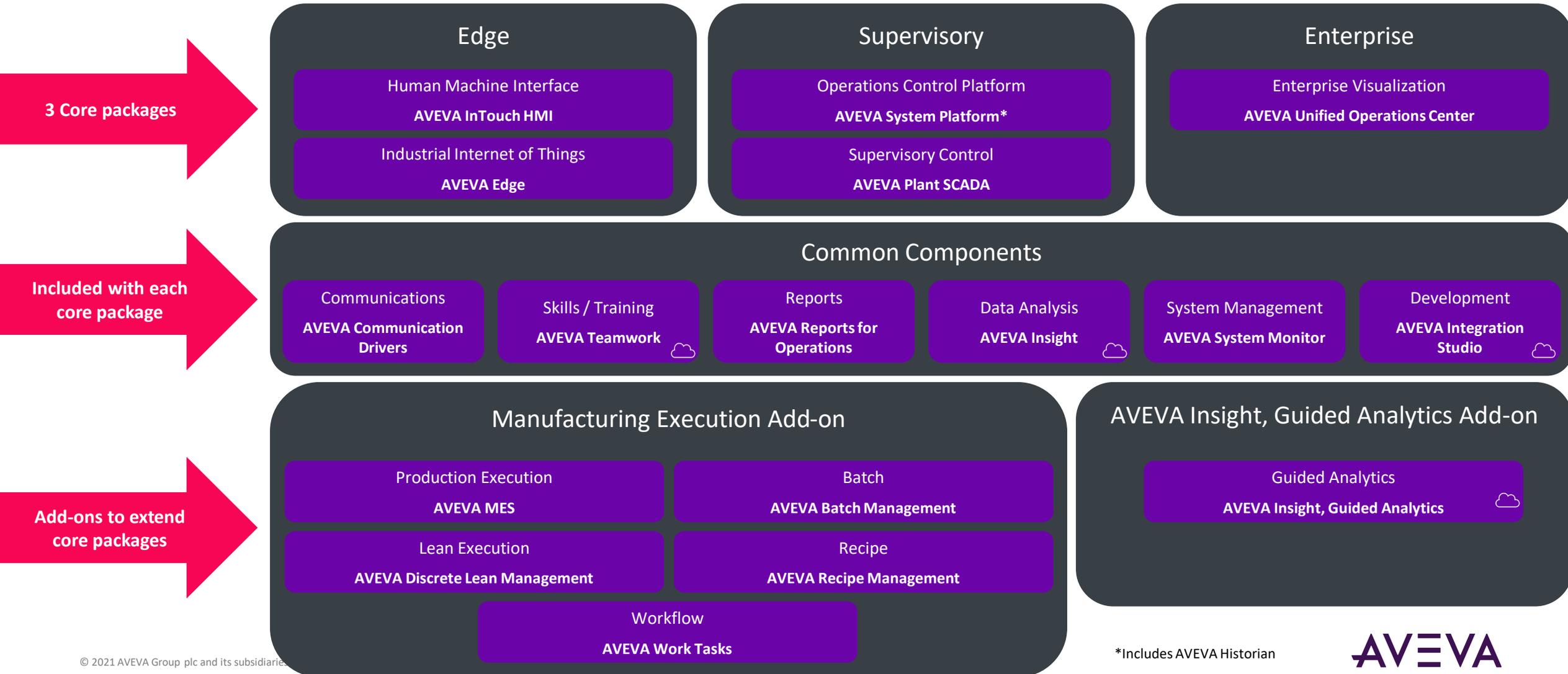
Remote Work



Standardization



New offering: AVEVA Operations Control – an AVEVA Flex Subscription



HMI/SCADA to Operations Control

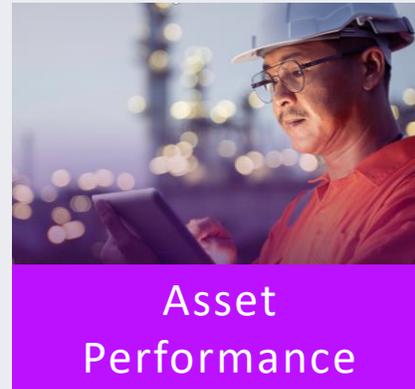
Comprehensive and best-of-breed solutions delivering proven results



- Integration studio
- Industry Graphics
- Cloud common storage



- Collaboration and teamwork
- Next gen graphics
- Reducing IT cost
- Openness and extensibility (MQTT, OPC UA)
- Reporting



- Predictive Analytics
- AI/ML based Vision



- Teamwork
- Mobile Operations
- Remote work
- Knowledge/Skill
- Reporting
- SME troubleshooting



- AI/ML
- Cloud
- Vision
- Standardization
- MQTT/OPC UA

How AVEVA is making acceleration possible





Drive to Unify

Transform operations by increasing visibility and accessibility to context driven actionable information

Challenges

Organizations lack collaboration across different departments, information is dispersed in multiple systems and data sources, and decision makers lack timely visibility into operations performance metrics.

Ideal Solution

According to research by McKinsey, cross-functional operations transformations typically outperform their single-function counterparts by between 30 and 40 percent.

Desired Outcomes

To remain competitive, decision-makers require an enhanced layer of intelligence ensuring that an organization's data works in service to organizational goals.

Unified Operations Center - Enterprise Visualization

Converge and contextualize for end-to-end enterprise visibility



Enhanced layer of intelligence that ensures data works in service of organizational goals

Unified Operations Center Video



AVEVA Unified Operations Center Building Blocks

- Industry Specific Graphics
- Content Library & KPI Calculations
- Configuration & User Types
- Framework, Navigation, Scripting

- Extensible Apps & Tools
- Third-party Integrations
- UI/UX Style Guidelines
- Standards & Asset Model

- Platform & Visualization
- Communication Drivers
- Historical Archive & Reporting
- Insight – Teamwork – Work Tasks
- Development & Integration Studio



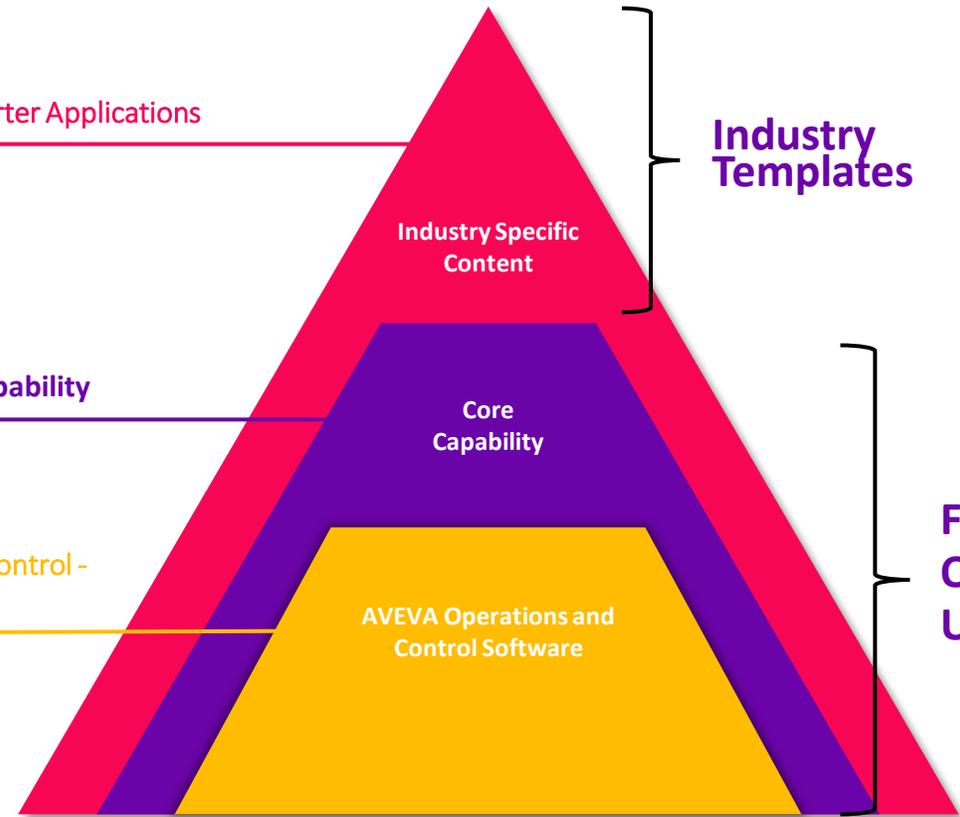
Industry Specific Starter Applications



Core Features & Capability



AVEVA Operations Control - Enterprise



Industry Templates

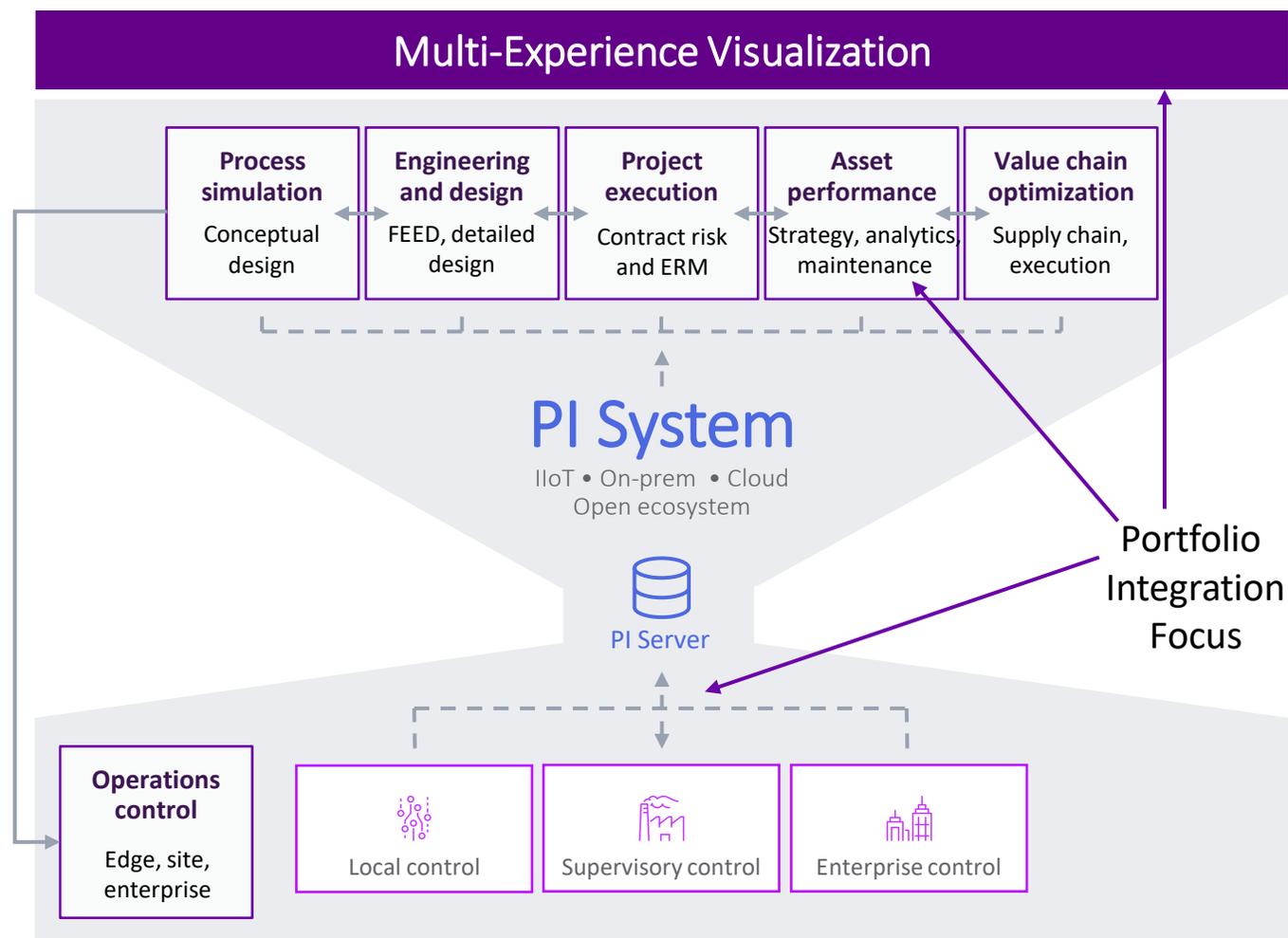
Foundation + OMI Apps + UI Apps

Industry Specific Unified Operations Centers templates



Delivering performance intelligence

Integrated end-to-end industrial software to drive trusted outcomes across the ecosystem



- 1 Better data**
Accuracy, reliability, context, scope and scale
- 2 Smarter solutions**
With better integration, while maintaining neutrality
- 3 Proven outcomes**
Efficiency, agility, reliability, sustainability

Intelligent Midstream

Enterprise Performance Intelligence

AVEVA Unified Operations (UOC)

Headquarter Monitoring
Enterprise Performance Intelligence
Autonomous Workflows



OT\IT Convergence Platform
Single Pane Solution
System of System Architecture.

Decision Support, Advanced Applications & Data Lakes

PI Vision
Self Serve Real-Time Decision Support

AVEVA Engineering Solutions (inc Asset Digital Twin) | AVEVA Operations Solutions

3rd Party Solutions

Advanced Analytics

Data Lakes

Additional Master Data Management

Information Standards Manager | Asset Information Management | Asset Master Data Management

Other 3rd Party Systems of Record

Operational Data Management Data Contextualization & Real Time Analytics

Operational Data Management Platform (inc. PI Asset Framework)

Critical Operations, Measurement & Control

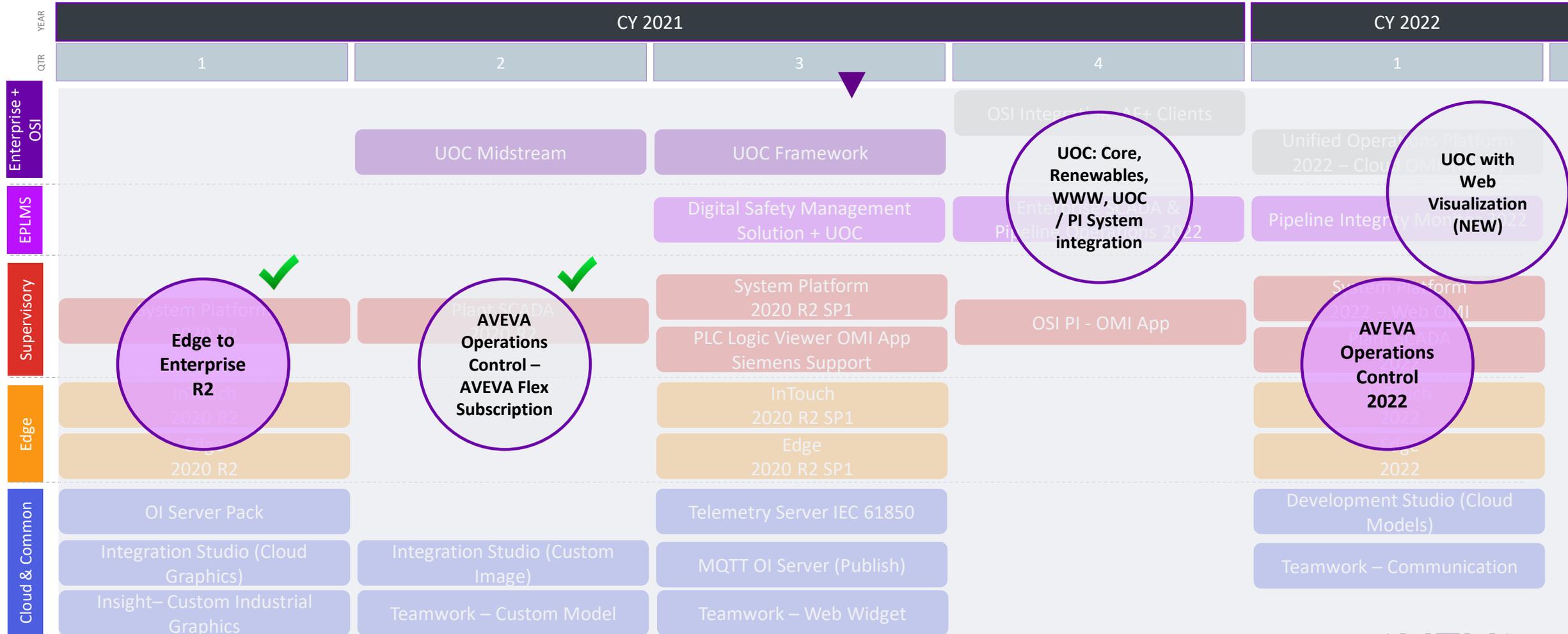
Enterprise Pipeline Management

Measurement Advisor	Gas Day Advisor	Enterprise SCADA
Pipeline Operations	Pipeline Integrity Monitor	

Other Operational Data Sources

SCADA	MMS	Historian
PLCs	DCSs	Edge/IIOT

M&C Roadmap – CY 2021



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ABOUT AVEVA

AVEVA is a global leader in industrial software, driving digital transformation and sustainability. By connecting the power of information and artificial intelligence with human insight, AVEVA enables teams to use their data to unlock new value. We call this Performance Intelligence. AVEVA's comprehensive portfolio enables more than 20,000 industrial enterprises to engineer smarter, operate better and drive sustainable efficiency. AVEVA supports customers through a trusted ecosystem that includes 5,500 partners and 5,700 certified developers around the world. The company is headquartered in Cambridge, UK, with over 6,500 employees and 90 offices in over 40 countries.

Learn more at www.aveva.com