MARCH 2023

Modernize Your SCADA

AVEVA 2023 Infrastructure Premiere

John Krajewski, VP Product Management

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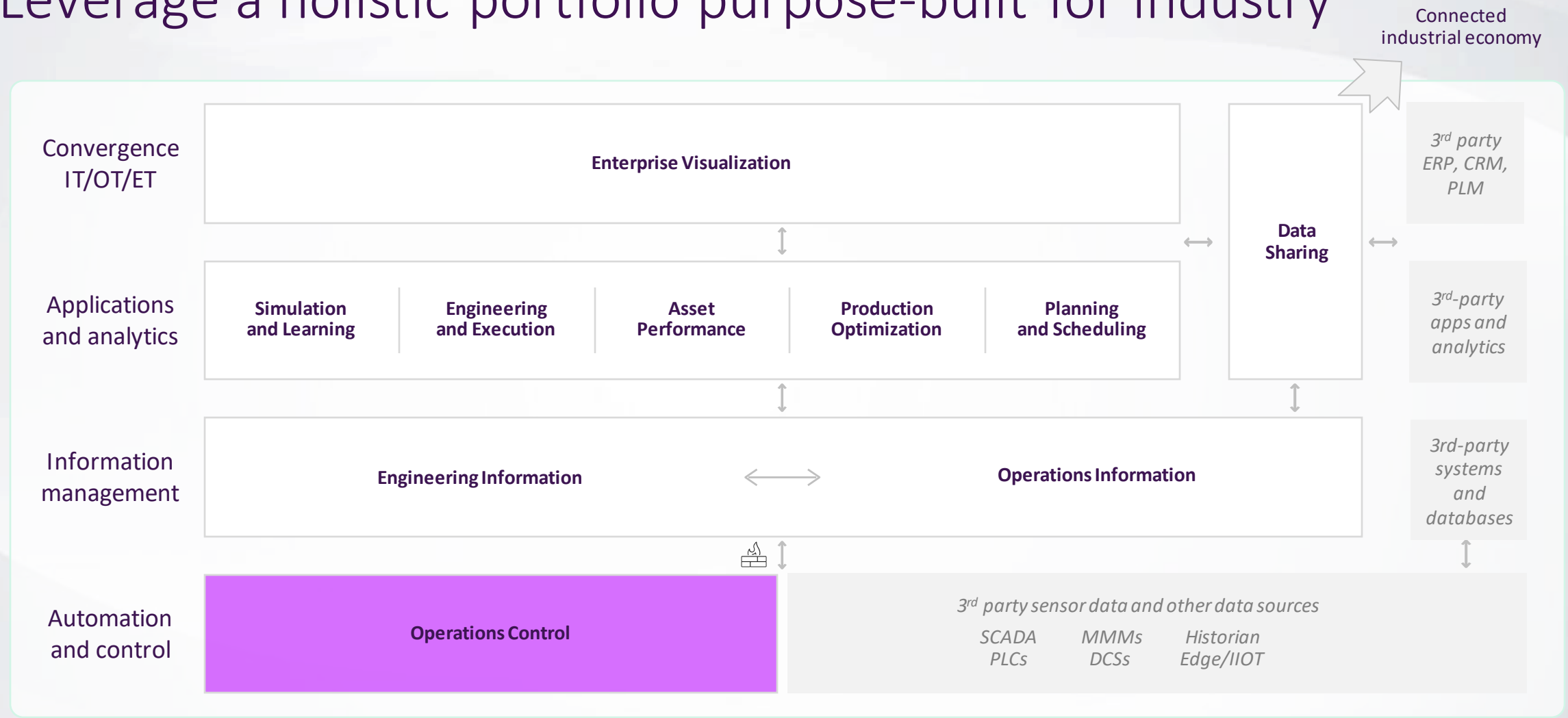
Leverage a holistic portfolio purpose-built for industry



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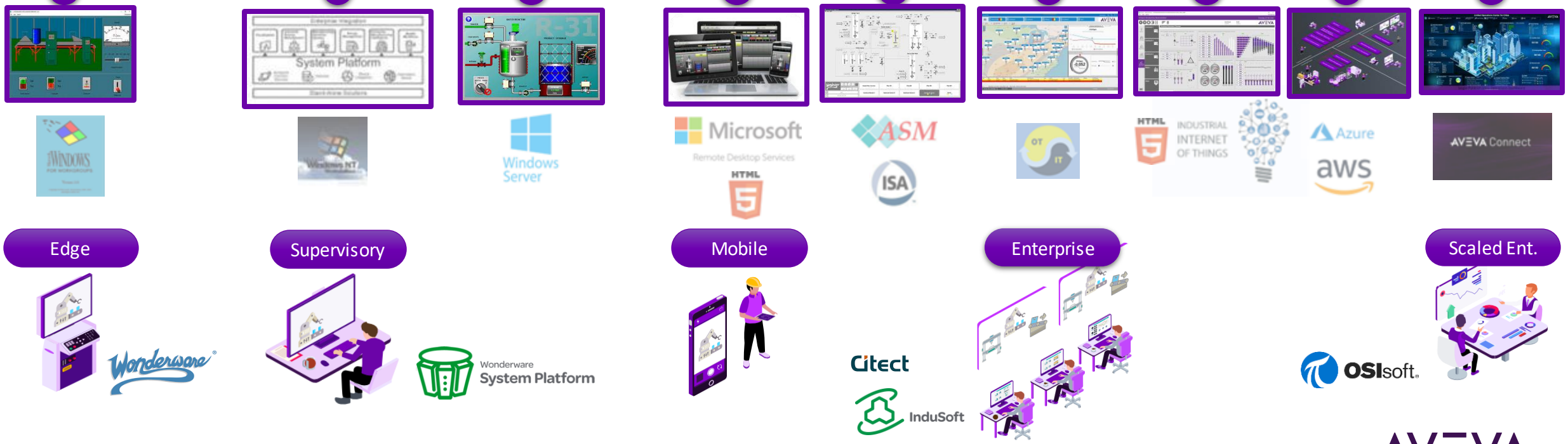
Users

Technical Evolution to Unified Operations Platform

Proven History of Market Leading Innovation

Year	Event	Scale
1987	Human Machine Interface	1
2003	Distributed SCADA	50
2007	Industrial Graphics	
2012	InTouch Access Anywhere	100
2014	Situational Awareness	500
2017	Operations Management Interface	
2020	InTouch Web Server	
2021	AVEVA Operations Control	
2022	OMI Web Server & SaaS	15K



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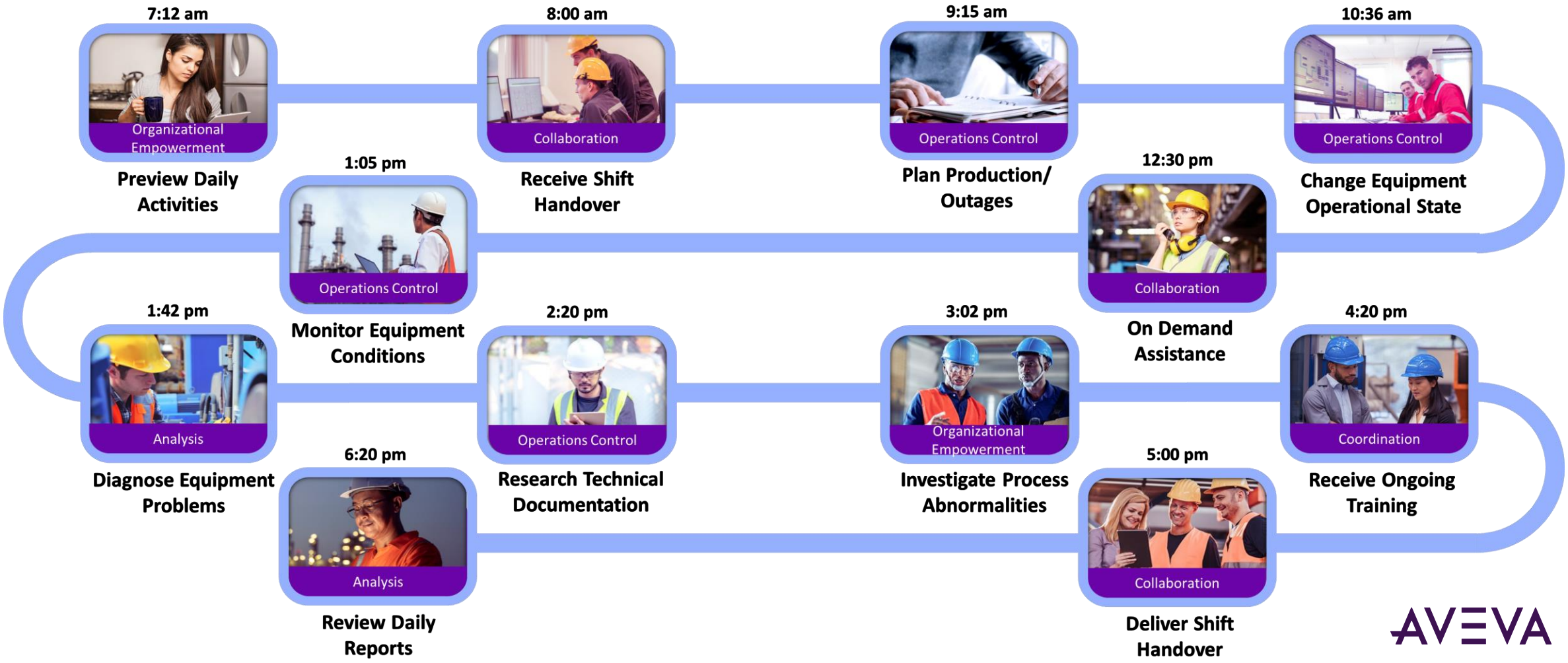
AVEVA

Operations – A Day in the Life

Enabled By AVEVA Operations Control – Hybrid SaaS Solution



Collaboration/Coordination

AVEVA Teamwork

Key functions:

Digital Knowledge

Scan QR codes to quickly access a standardized library of instructions, videos and troubleshooting content.

Skills Management

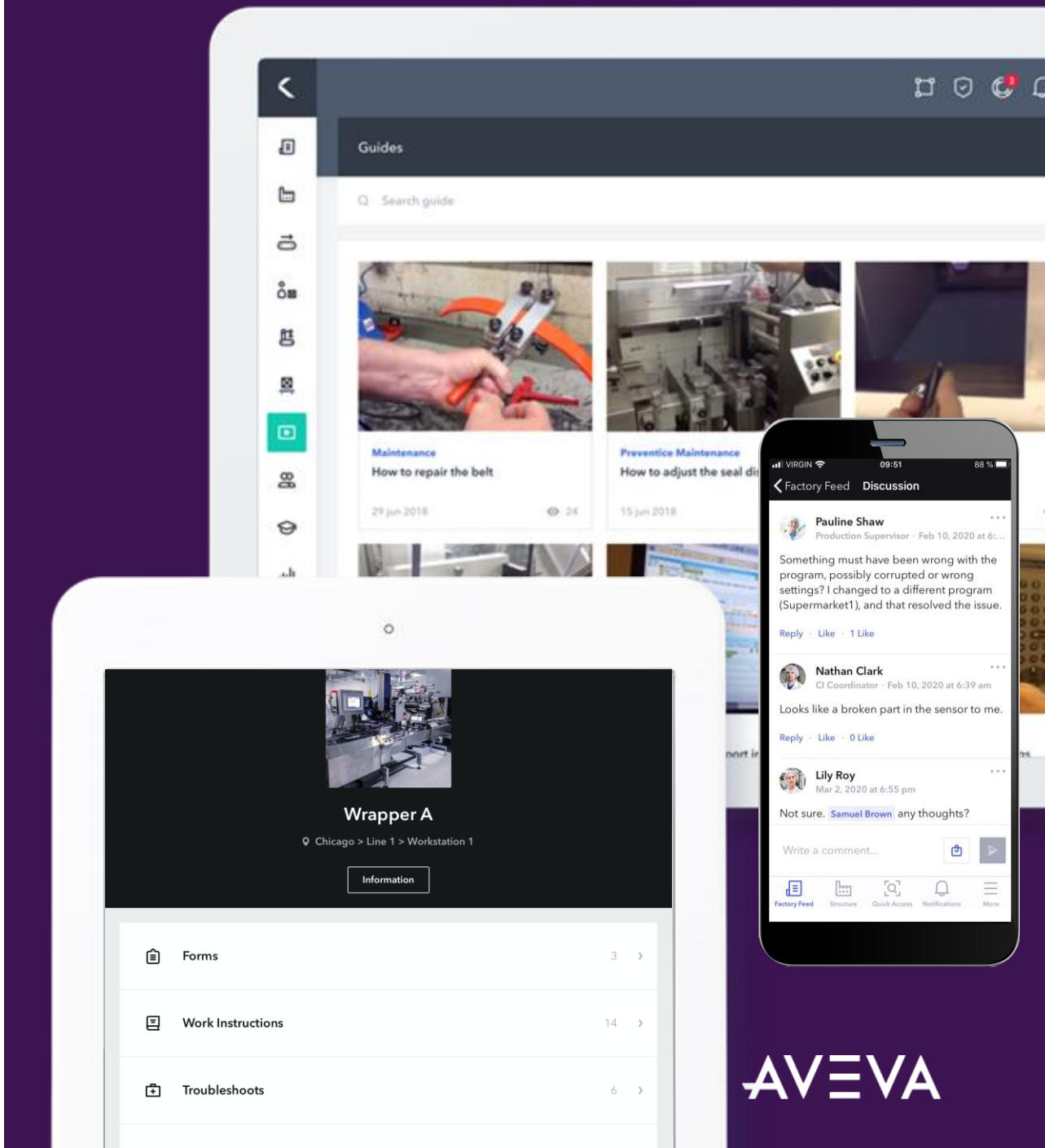
Deliver and track training for new hires, upskilling and certifications with a review pane to view pending and completed training.

Communication

Connect with workers across shifts and facilities to solve problems. Share insights in a logbook and continuously grow the archive of knowledge.

Issues Management

Capture, track and resolve problems through call for help escalation and collaboration with subject matter experts.



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Organizational Empowerment

AVEVA Insight

Key functions:

Actionable Insights

With the rise of remote working, your teams must be empowered to make agile decisions and transform operations with quick access to actionable information.

Increase collaboration

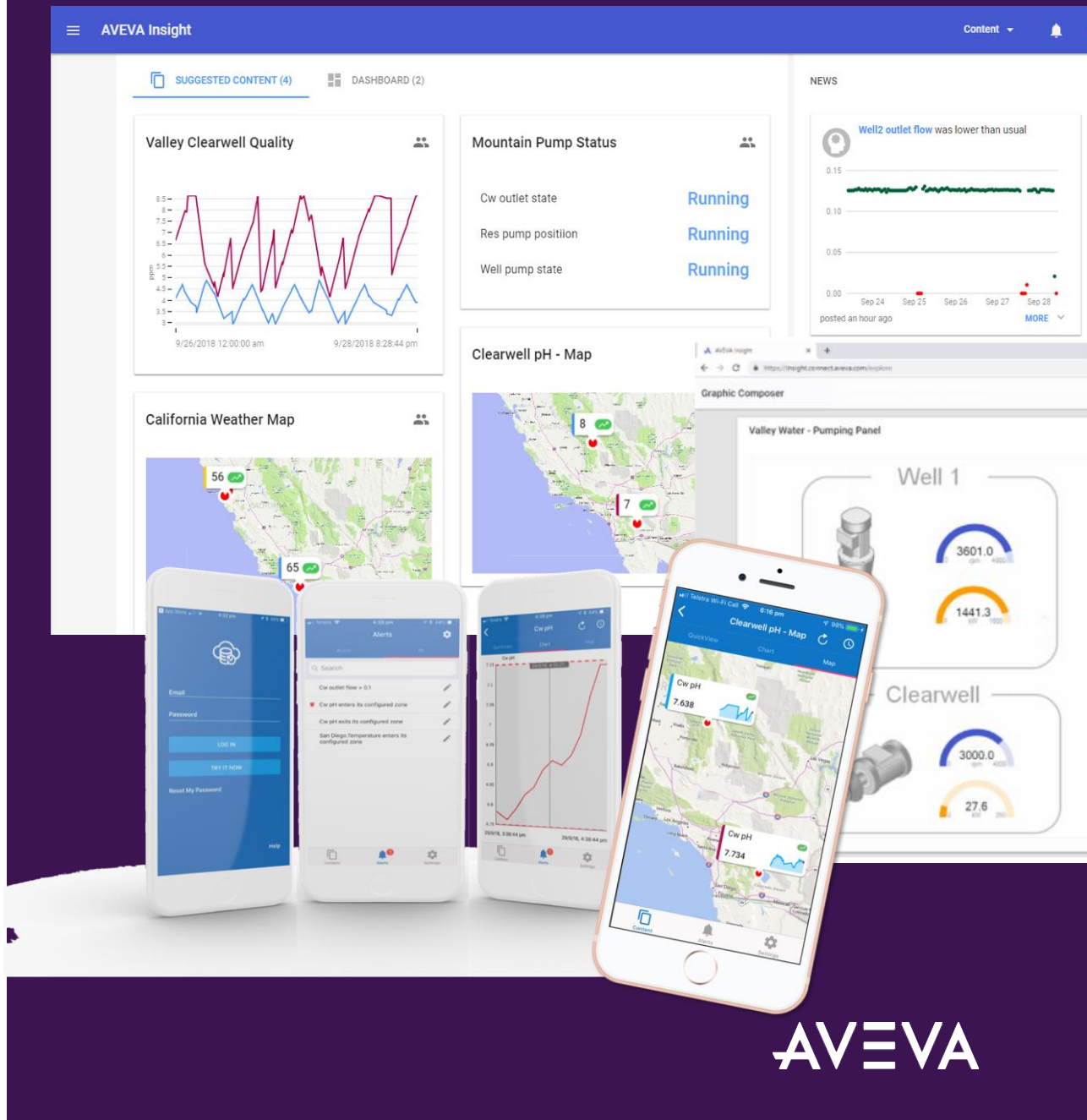
Empower the connected worker and break down silos with a single source of truth and customized alerts for better, faster decisions.

Unlock critical data

Access contextualized data from multiple sources while automatically identifying process anomalies in a single cloud environment to gain operational insights anywhere, any time.

Drive operational performance

Fully understand your operations with a digital twin that combines corporate and operational KPIs to discover efficiency gains.



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AVEVA Operations Control

Hybrid SaaS Platform

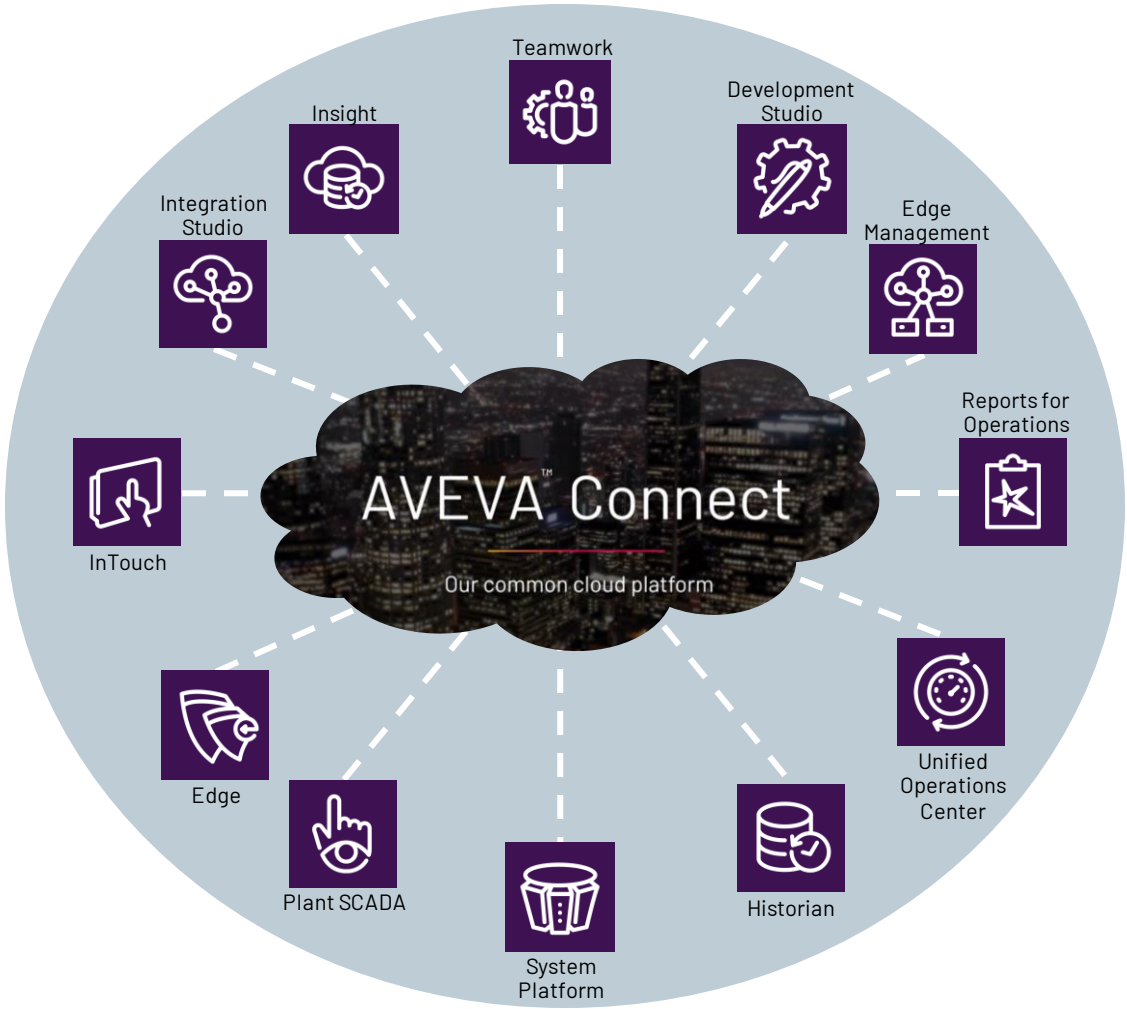
On Premise Products

Microsoft

Word
Excel
PowerPoint
Outlook
OneNote
OneDrive

AVEVA

InTouch
Edge
Communications Drivers
System Platform
Plant SCADA
Historian
Unified Operations Center
Teamwork
Insight



Hybrid Cloud Suite

Microsoft

Microsoft 365 Family	Microsoft 365 Business Basic	Microsoft 365 Business Standard

AVEVA

AVEVA Operations Control Edge	AVEVA Operations Control Supervisory	AVEVA Operations Control Enterprise

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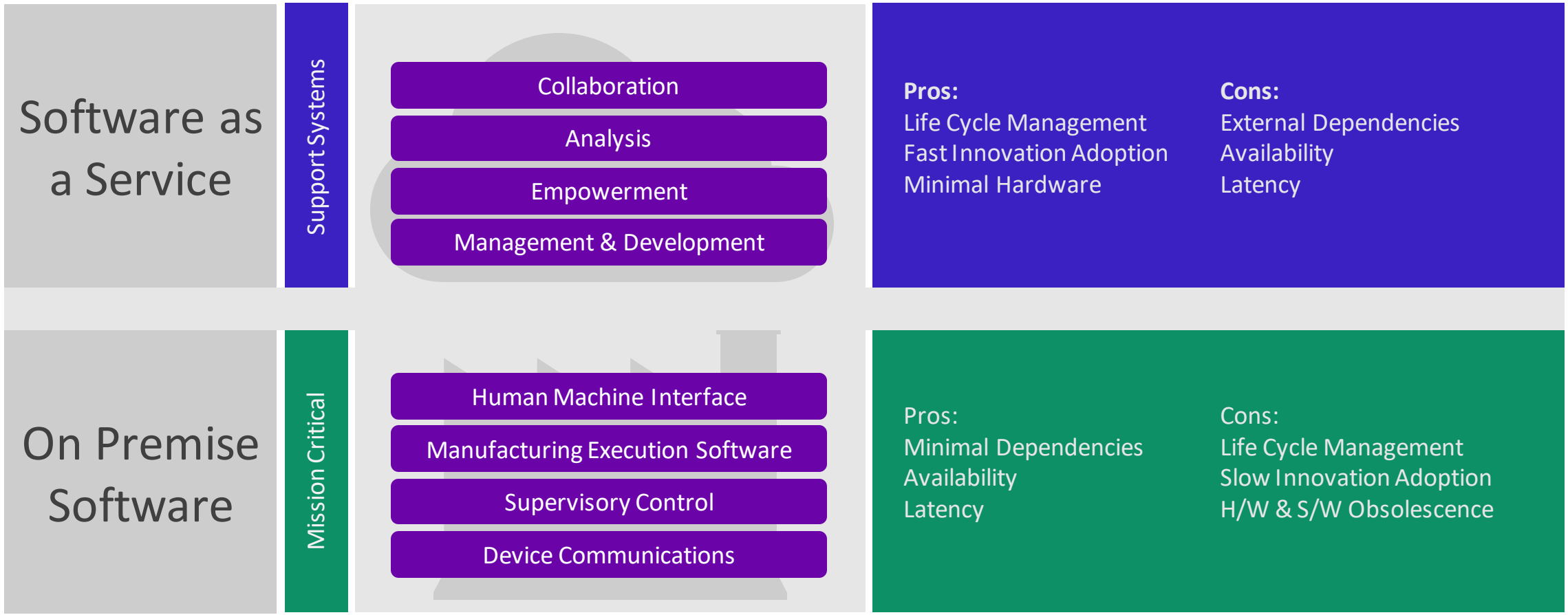
Hybrid SaaS Software Strategy

Leverage Advantages of Both On Premise and Software as a Service for Industrial Operations



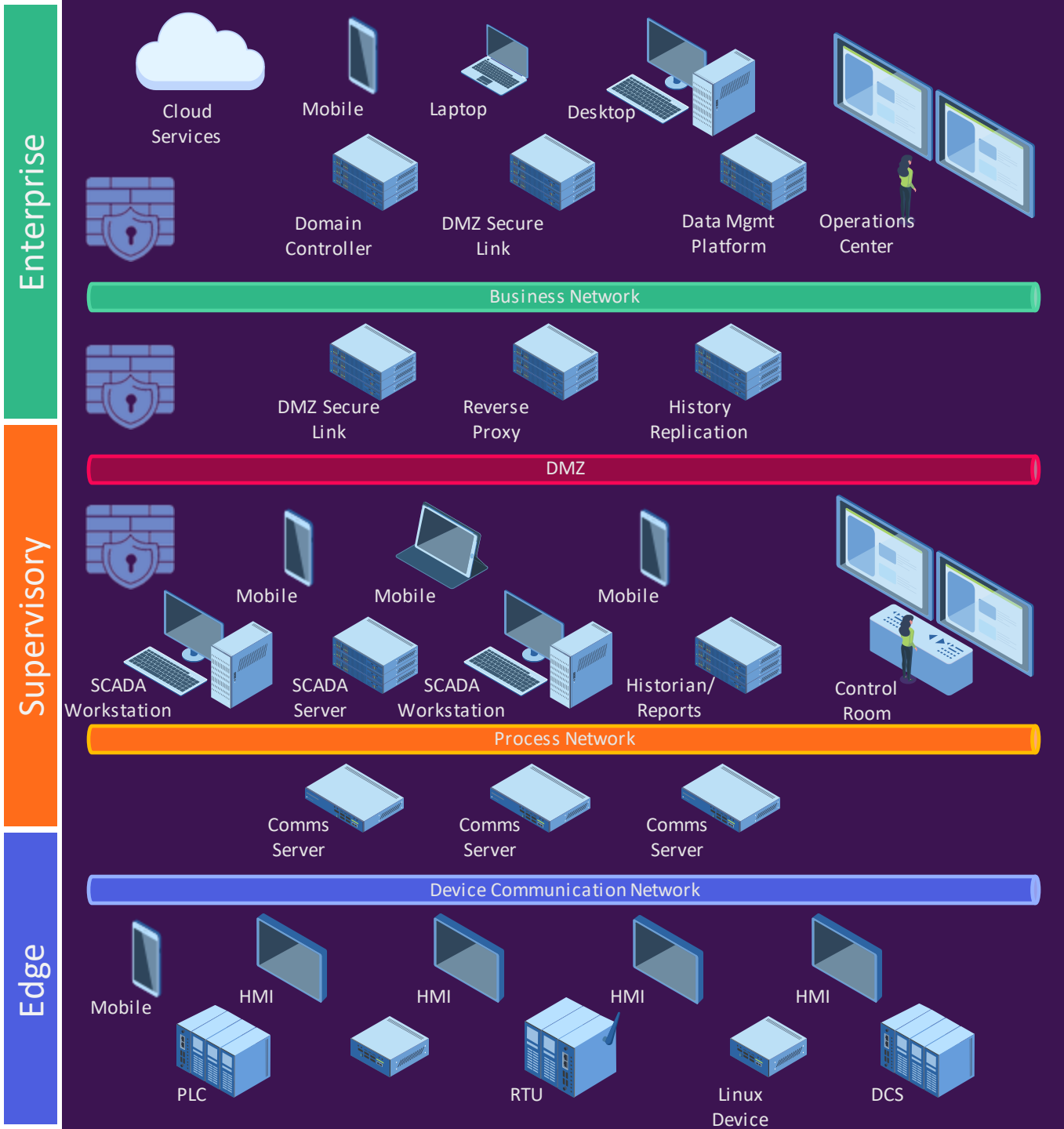
On Premise Components

Hybrid SaaS Industrial Operations

- Enterprise

- Supervisory

- Edge



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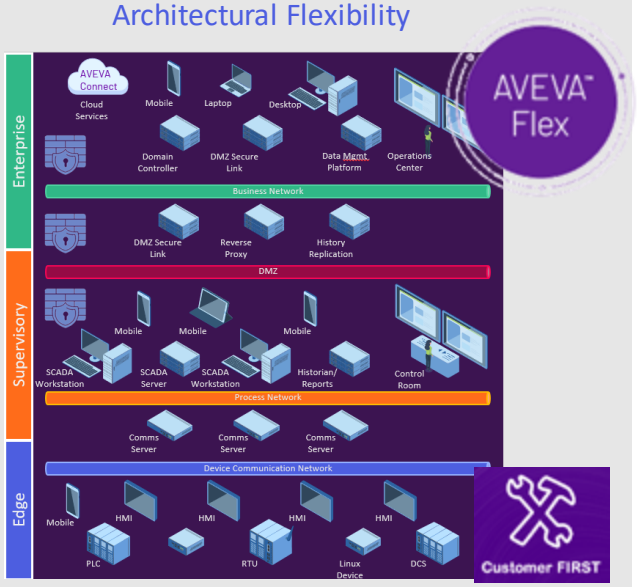
Operations Control Portfolio Commercial Models

Redefining Operational Agility in Industrial Software Deployments

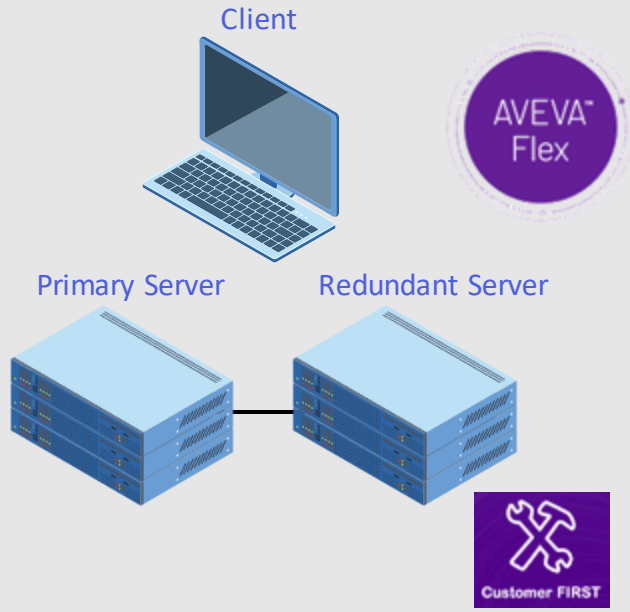
AVEVA Operations Control on Flex

Hybrid SaaS Operations Platform with Complete Architectural Flexibility



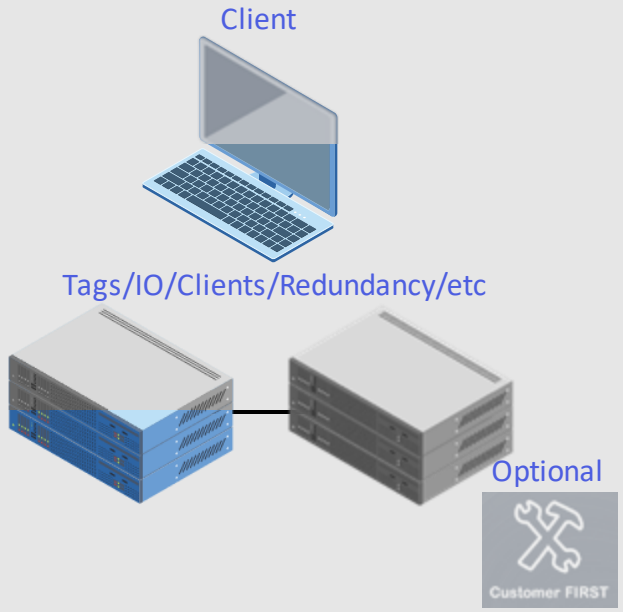
Packages/Users (Edge/Supervisory/Enterprise)

Products on Flex



Function (HMI/SCADA/Historian/etc.)

Perpetual



Function & Limited Capacity/Capability (HMI/SCADA/Historian/etc.)

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AVEVA Operations Control

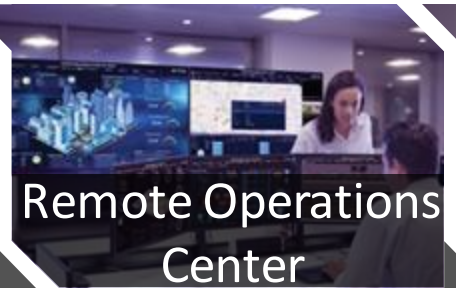
Evolving HMI/SCADA to Operations Control

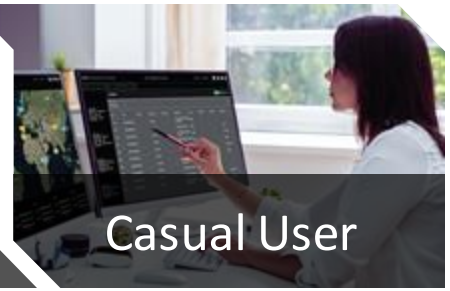
Enterprise Edition

Long Term Focus (up to 1 Year)

Enterprise View

IT/OT Convergence





Supervisory Edition

Medium Term Focus (up to 1 Week)

Process View

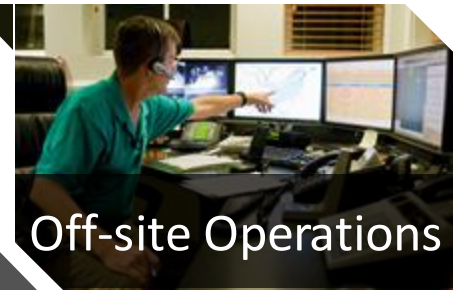
OT Convergence

Edge Edition

Short Term Focus (up to 1 Shift)

Work Cell View

Control Convergence



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AVEVA System Platform

PROVEN SUCCESS

Technical Differentiators

- Scale/Distribution
- Centrally Managed Stds
- Operations Mgmt Interface

Market Differentiators

- Geo-SCADA
- Large Orgs/Systems
- SCADA Professionals

LATEST IMPROVEMENTS

Recent Release – 2023

- UI/UX - IDE
- OMI – Web Widget Support
- Obj Wiz - Performance
- Obj Wiz – Bulk Creation

Next Release – 2023 R2

- Target: Q4 CY2023
- EmbedContent() – Dynamic Graphic Creation
- Improved IDE Search/Filter
- Accordion Menu OMI App

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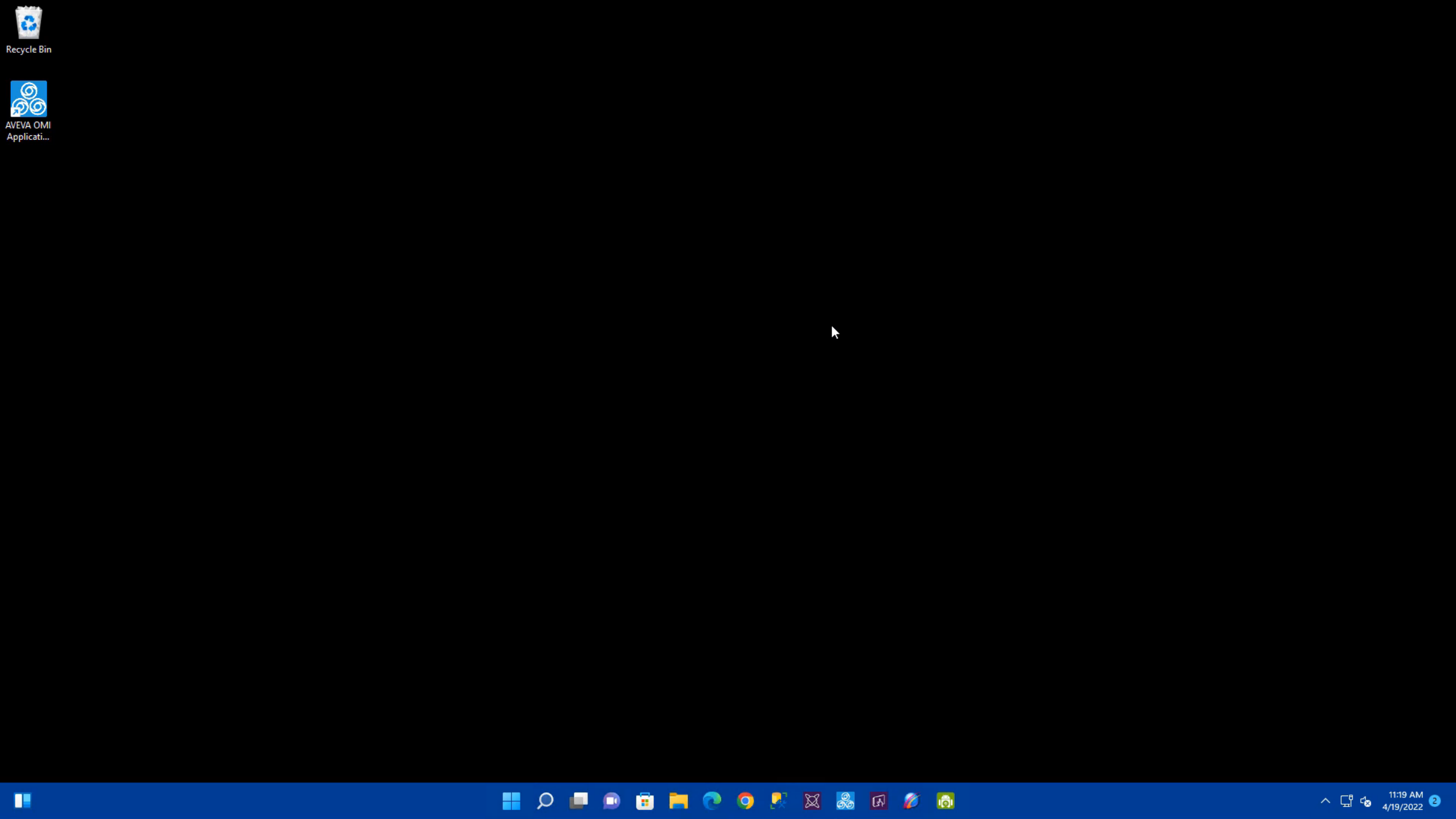

Recycle Bin
AVEVA OMI Applicati...
11:19 AM
4/19/2022

AVEVA™ Historian Client Web

localhost:32569

AVEVA™ Historian Client Web

Search for assets, saved content, tags, or keywords

Content

Search Results
3 matches

3 TAGS
All Tags

Mixed data

3 TAGS
I/sec

Numeric data

Mixed data

4/11/2022 11:53:08 am - 4/11/2022 2:08:08 pm

InletFlow (I/sec)

InletFlow.SP (I/sec)

OutletFlow (I/sec)

30D 7D 3D YESTERDAY TODAY 1H CUSTOM

2:10 PM
4/11/2022

9:41 AM Tue Jan 9

86%

Factory Feed

Search

Quality problem
Acme Charleston

Lisa Allen
Operator · Aug 31, 2021 at 1:23 pm

Line 1 has a red light that won't go away except when run a box through the line. Any advice?

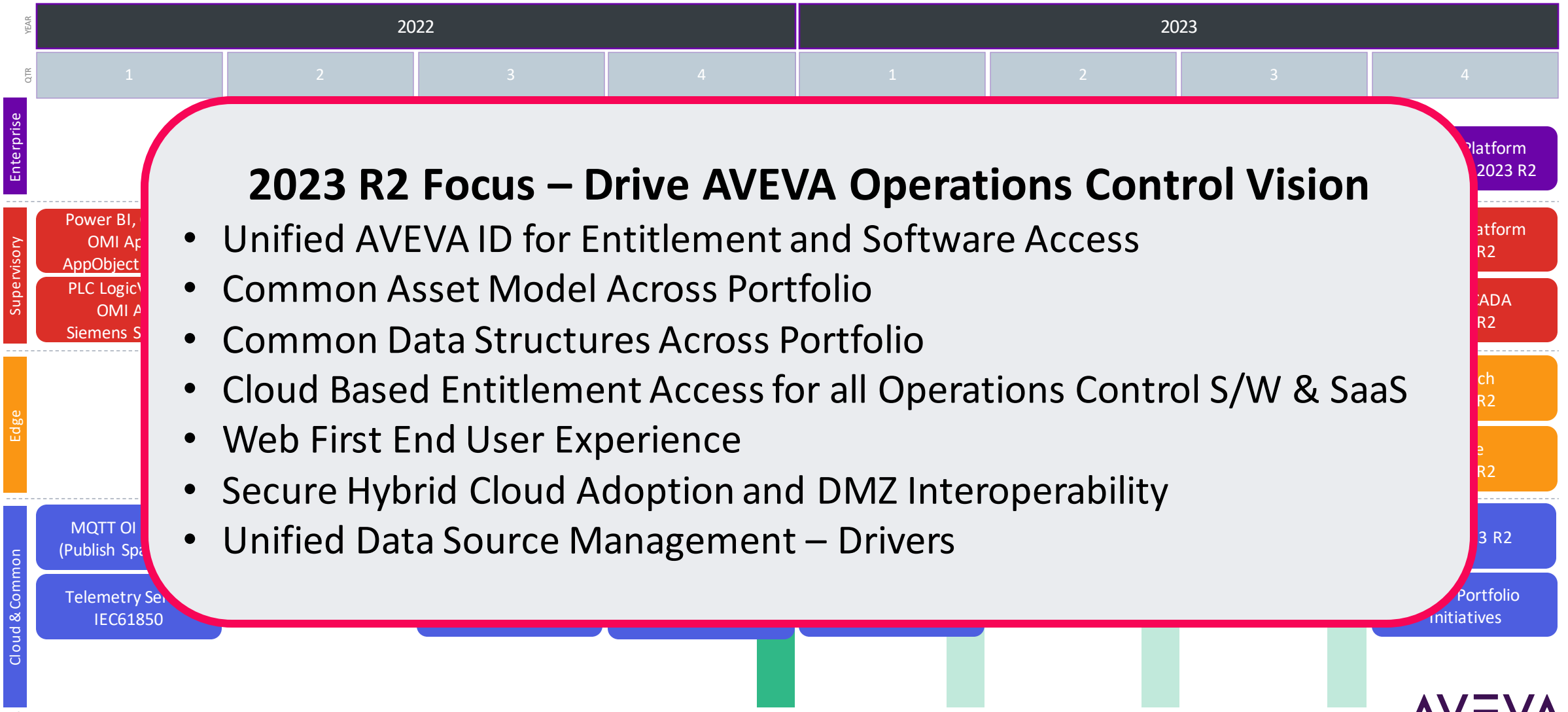
Equipment 1 - Charleston

0 0 1 0 likes

Acme Chemical News
Corporate

Factory Feed Structure Quick Access Notifications Profile

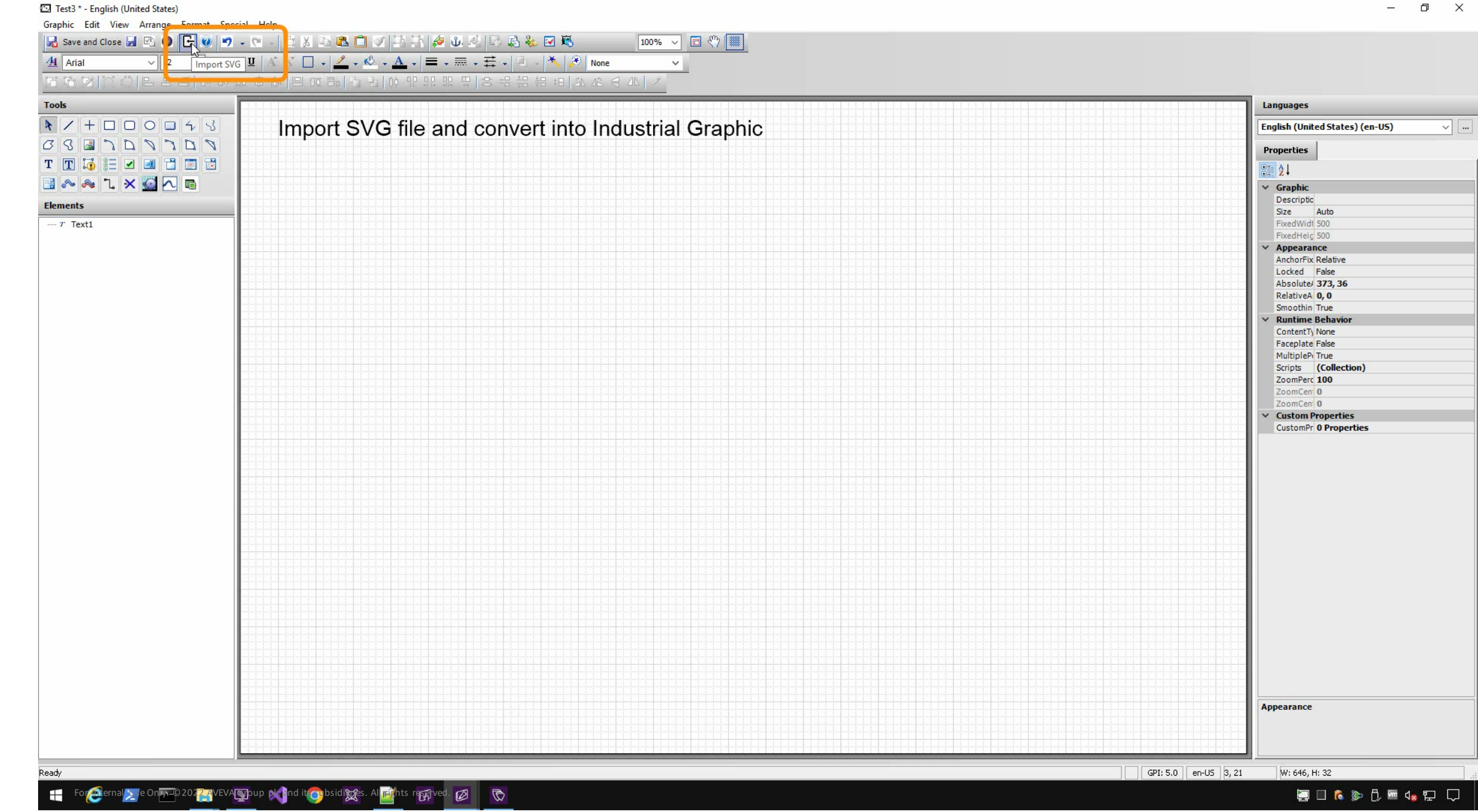
Monitoring and Control Portfolio Roadmap



2023 R2 Focus – Drive AVEVA Operations Control Vision

- Unified AVEVA ID for Entitlement and Software Access
- Common Asset Model Across Portfolio
- Common Data Structures Across Portfolio
- Cloud Based Entitlement Access for all Operations Control S/W & SaaS
- Web First End User Experience
- Secure Hybrid Cloud Adoption and DMZ Interoperability
- Unified Data Source Management – Drivers

Dates Subject to Change



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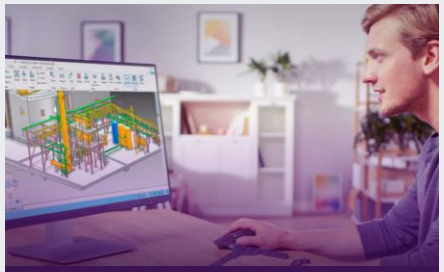
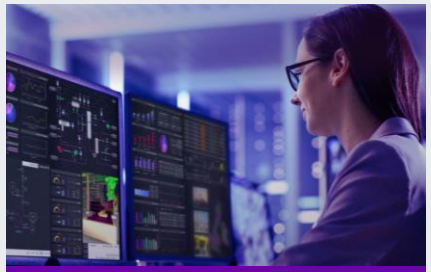
HMI/SCADA to Operations Control

Comprehensive and best-of-breed solutions delivering proven results



Engineering Efficiency



Operational Awareness

Operational Agility

People

Technology

Evolve HMI/SCADA to Operations Control with collaboration, connected worker, and awareness

Converge engineering, operations, and business data in context for end-to-end enterprise visibility

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