AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

AVEVA WORLD MILAN, MAY 2026

AVEVA Operations Control Supervisory Roadmap

Future-Proof Your Control Room

Ernst van Wyk, Sr. Product Manager Operations Control — Supervisory, AVEVA

AVEVA WORLD MILAN, MAY 2026

Agenda

Future-Proof Your Control Room: AVEVA Operations Control Supervisory Roadmap

Allianz MiCo
Milano

- Operations Control Supervisory in context
- Products and roadmap themes
- System Platform & OMI roadmap
- Communications Drivers Pack roadmap
- Historian and Historian Client roadmap
- Plant SCADA roadmap
- System Monitor and Health Monitor direction
- Future investment areas

Ernst van Wyk

Sr. Product Manager

- AVEVA
- Ernst.vanWyk@aveva.com

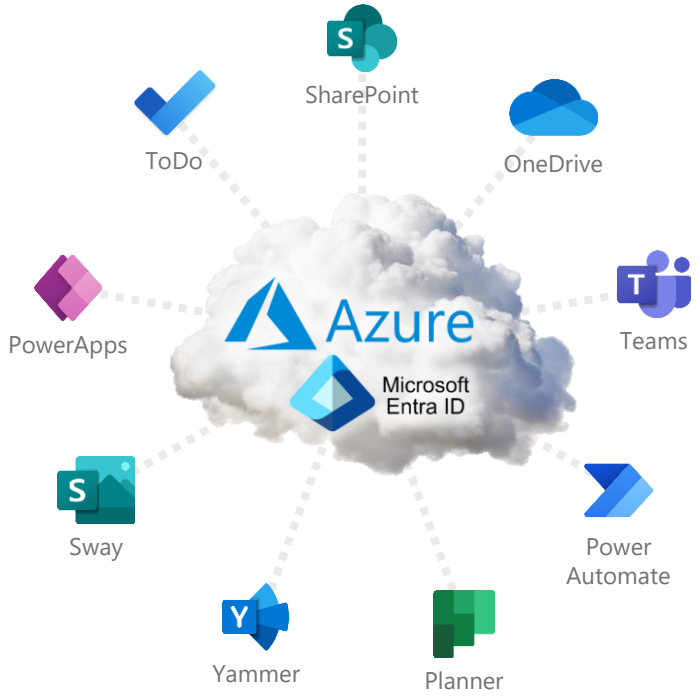
AVEVA Operations Control

Hybrid Cloud Platform

Microsoft

On Premise Products

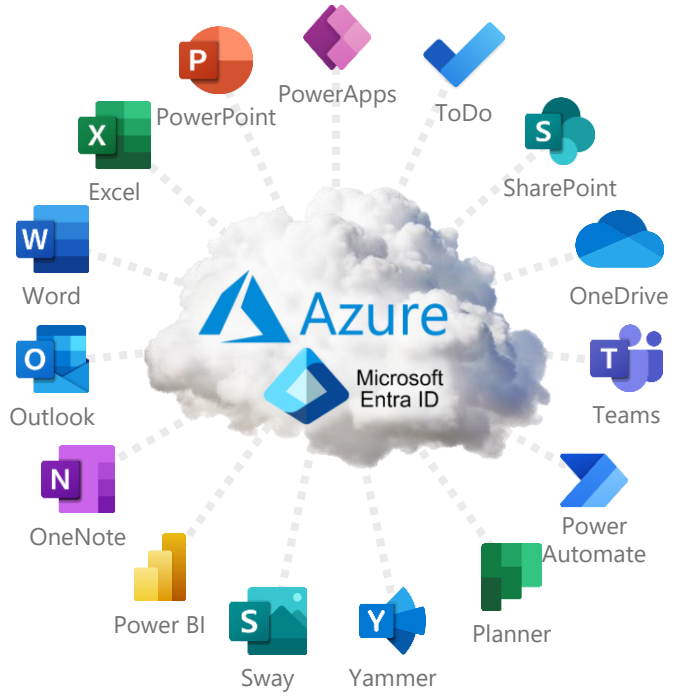
Word
Excel
PowerPoint
Outlook
OneNote
Power BI



AVEVA Operations Control

Hybrid Cloud Platform

Microsoft



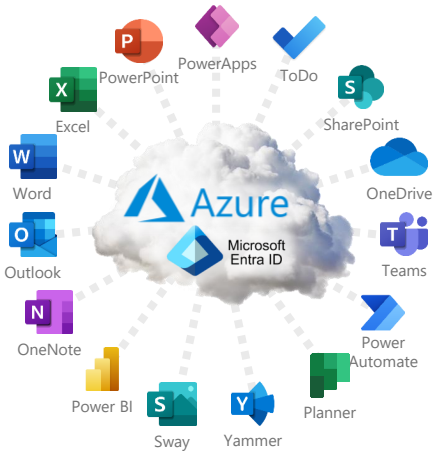
AVEVA Operations Control

Hybrid Cloud Platform

AVEVA

On Premise Products

- Edge
- InTouch
- Plant SCADA
- System Platform
- Historian
- Communications Drivers
- Unified Operations Center
- System Monitor
- Historian Client

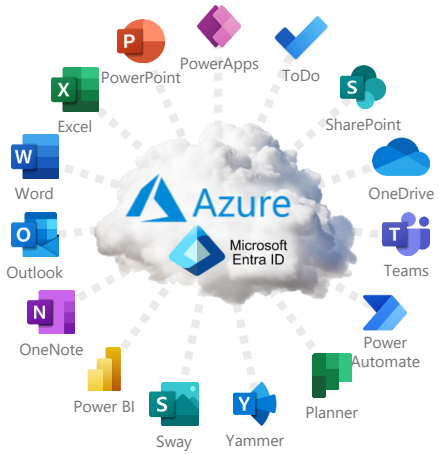


AVEVA Operations Control

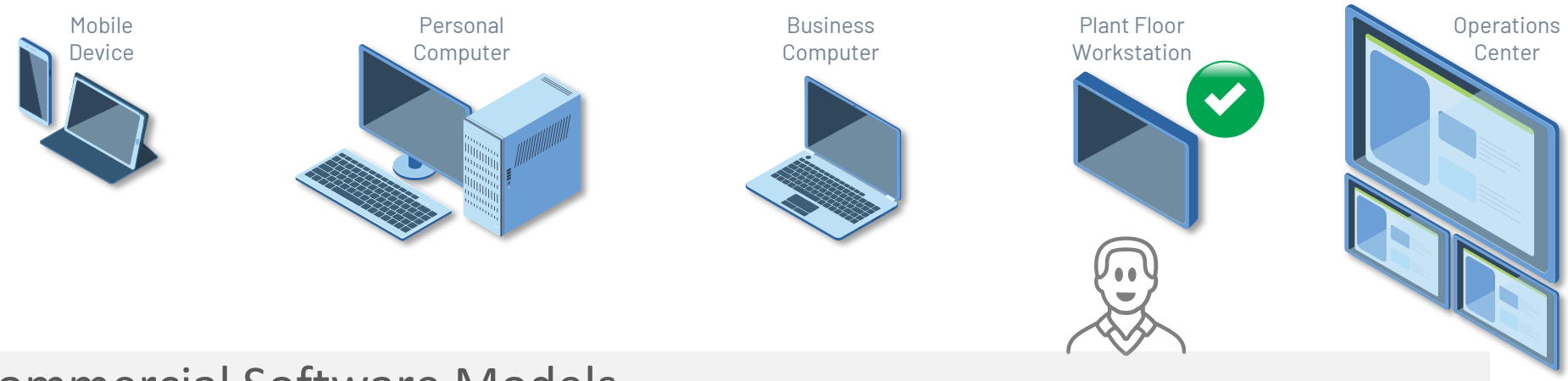
Hybrid Cloud Platform

AVEVA

On Premise Products

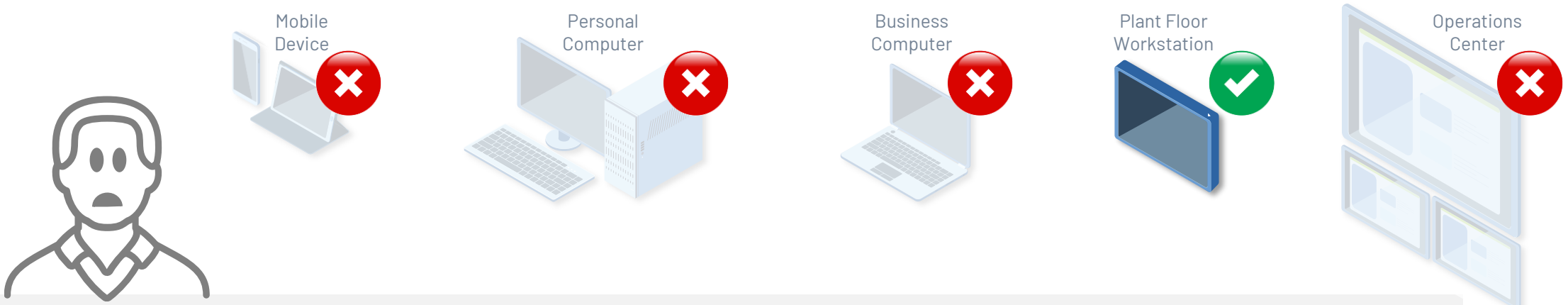


Connecting workers



Traditional Commercial Software Models

Connecting workers



Traditional Commercial Software Models

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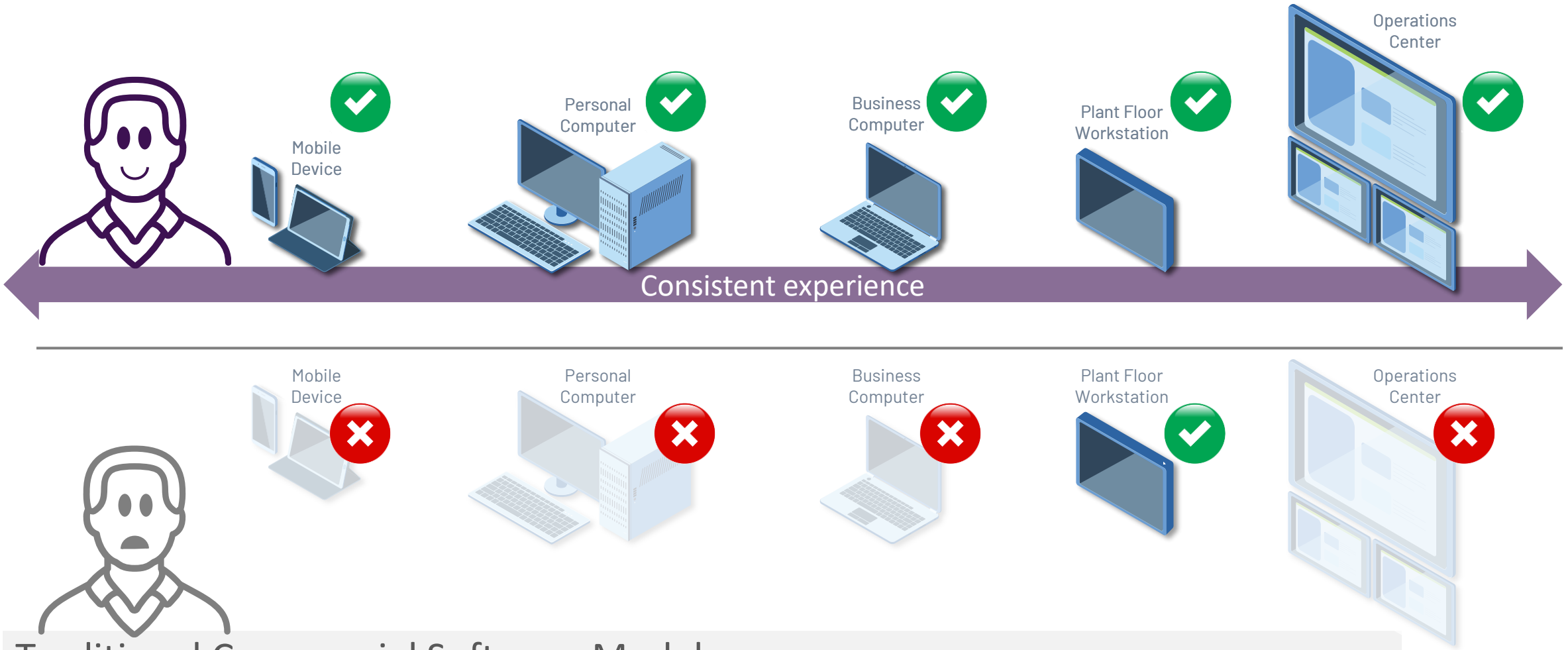


Traditional Commercial Software Models

Extending use cases

User-centric software

- Actionable information
- Data analysis
- HMI control
- Operational visibility
- Supervisory control
- Process analysis
- Knowledge management
- Collaboration
- Development
- Prototype environments
- Reports

7:12 am

Preview daily activities

8:00 am

Investigate process abnormalities

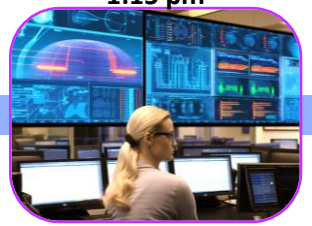
9:36 am

Change equipment operational state

1:05 pm

Monitor production conditions

1:15 pm



Perform line switchover

1:43 pm

Diagnose equipment problems

2:05 pm

Research technical documentation

2:20 pm

On demand assistance

3:05 pm

Explore entitlements

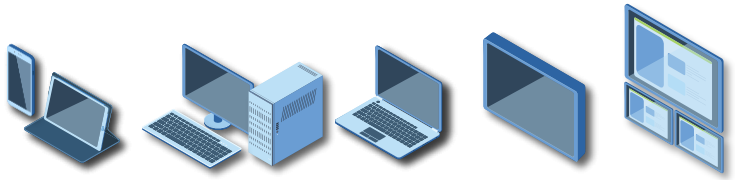
4:10 pm

Testing and experimentation

6:20 pm

Review daily reports

Extending use cases



User-centric software

7:12 am

Actionable information

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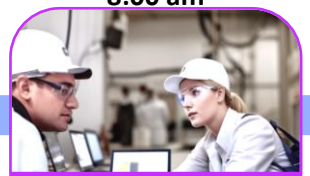
8:00 am



Data analytics

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HMI control

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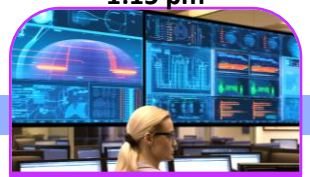

Supervisory control

Perform line switchover

1:43 pm

Process analysis

Diagnose equipment problems

2:05 pm

Knowledge management

Research technical documentation

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Collaboration

On demand assistance

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Development

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Prototype environments

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Reports

Review daily reports

AVEVA

Extending use cases

User-centric software

7:12 am

Actionable information

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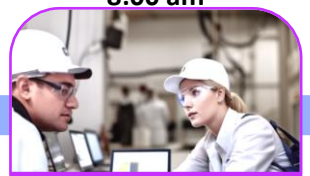

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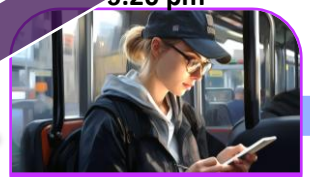

Reports

Review daily reports

4:10 pm

Prototype environments

Testing and experimentation

3:05 pm

Development

Explore entitlements

1 License based on user

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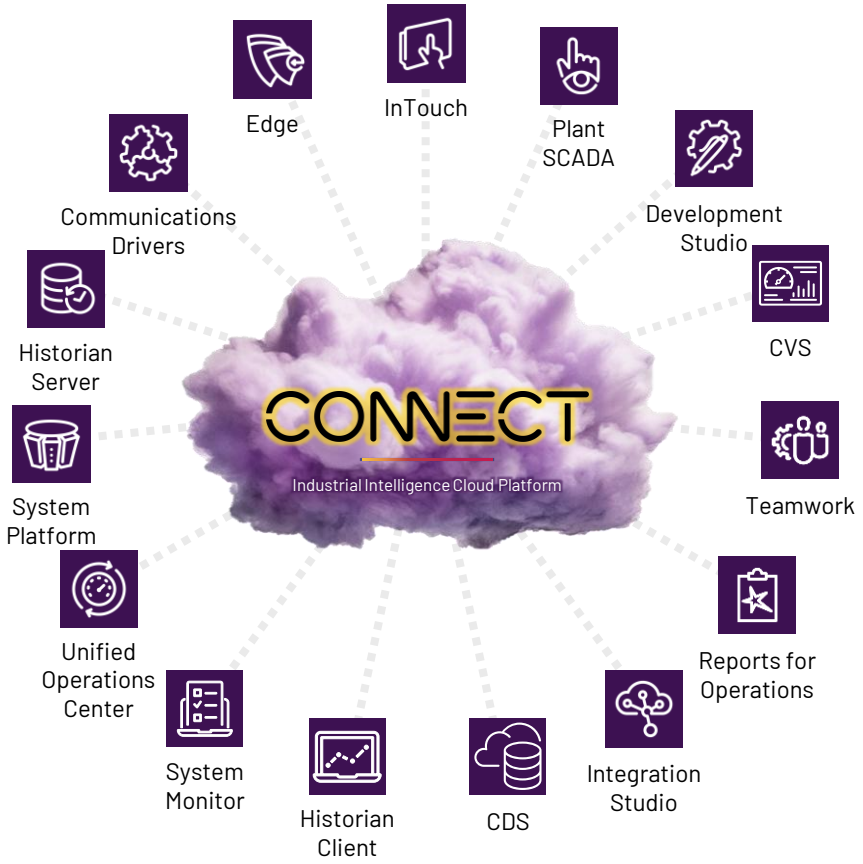
Operations Control — Supervisory



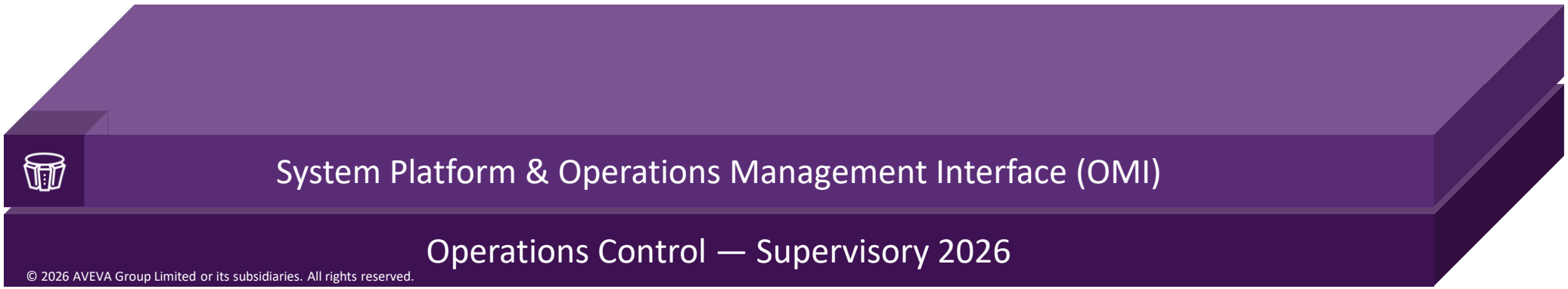
Operations Control — Supervisory 2026

Secure foundations for long-lived systems

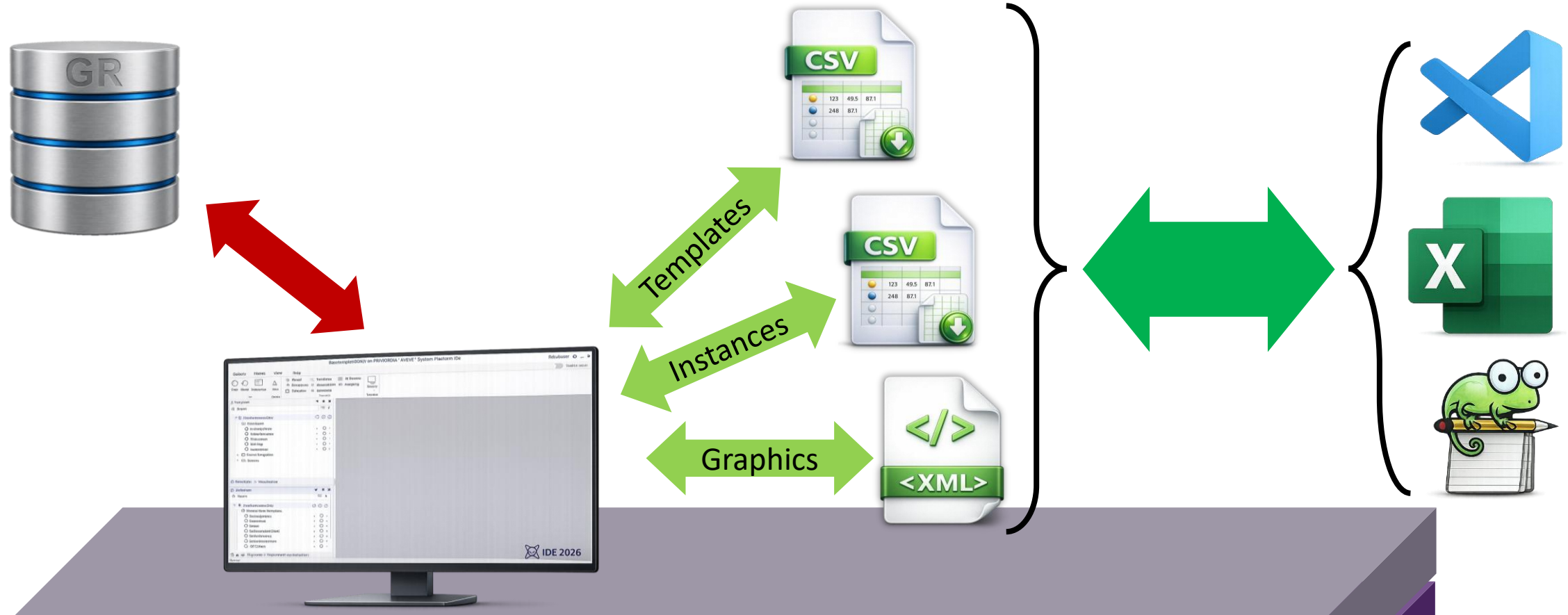
Secure foundations for long-lived systems

Operations Control Products

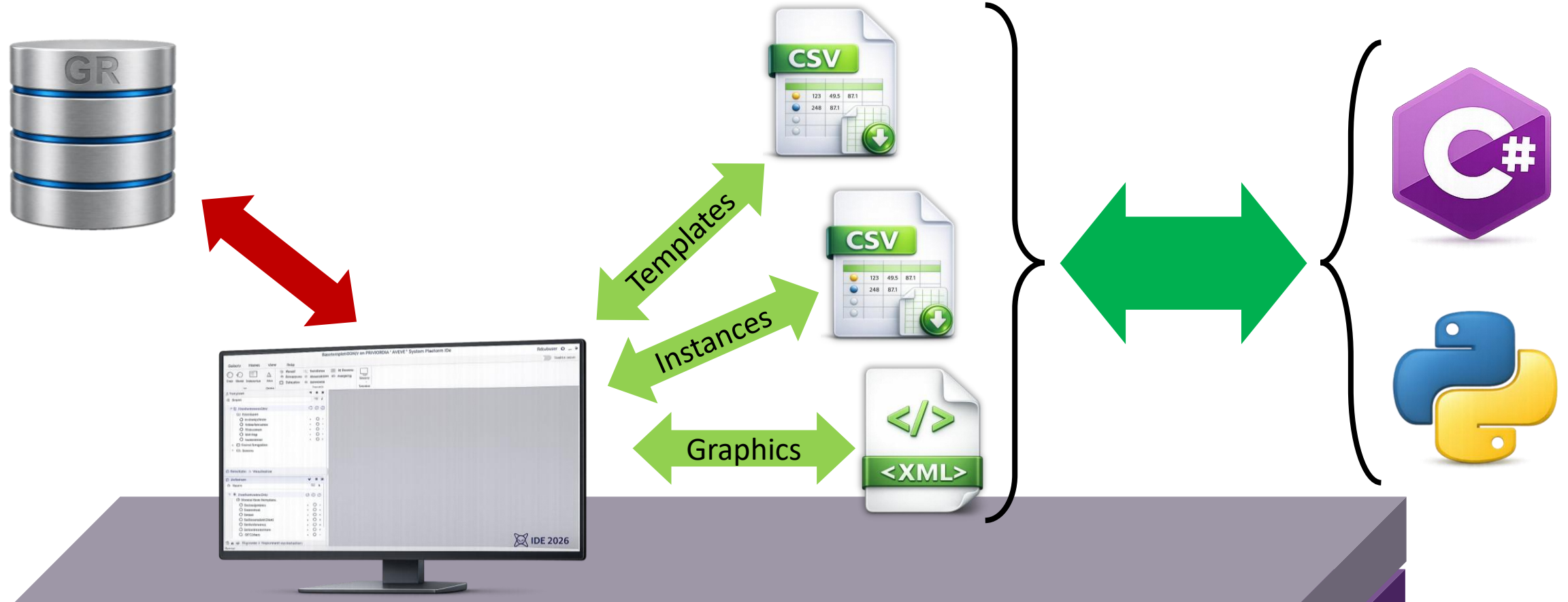
Operations Control Products



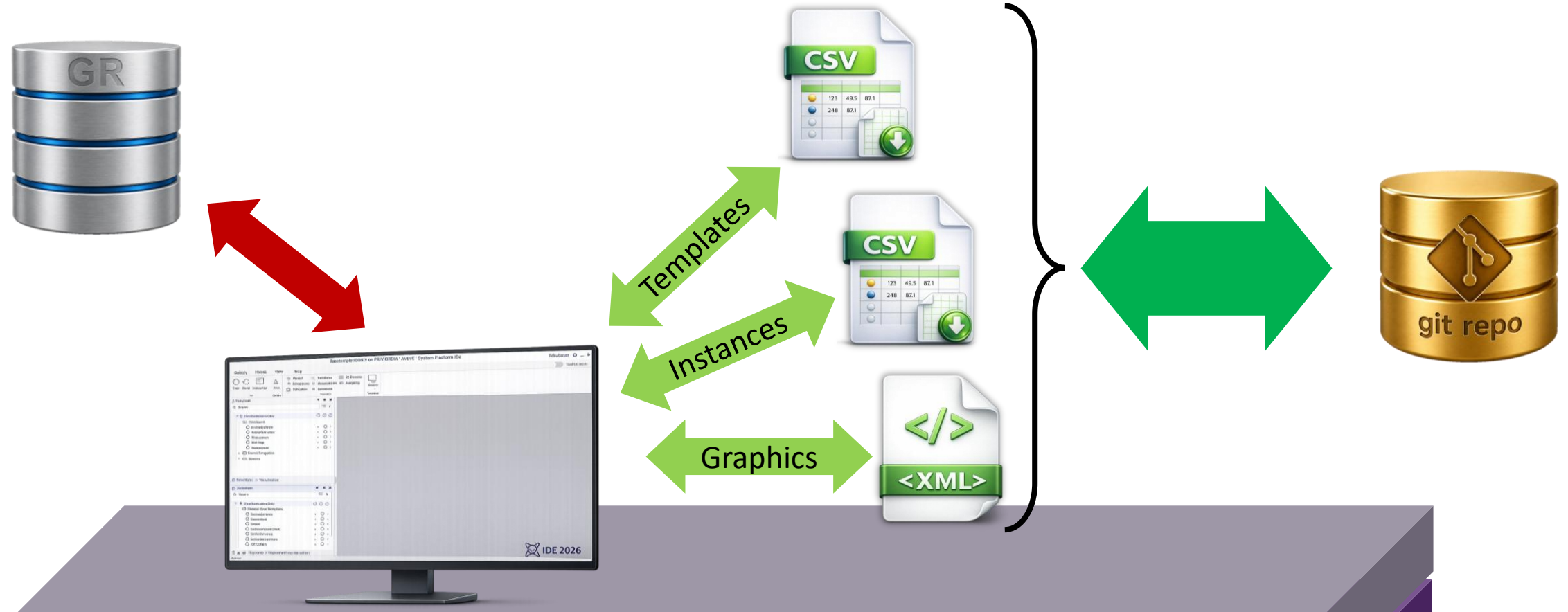
System Platform & OMI 2026



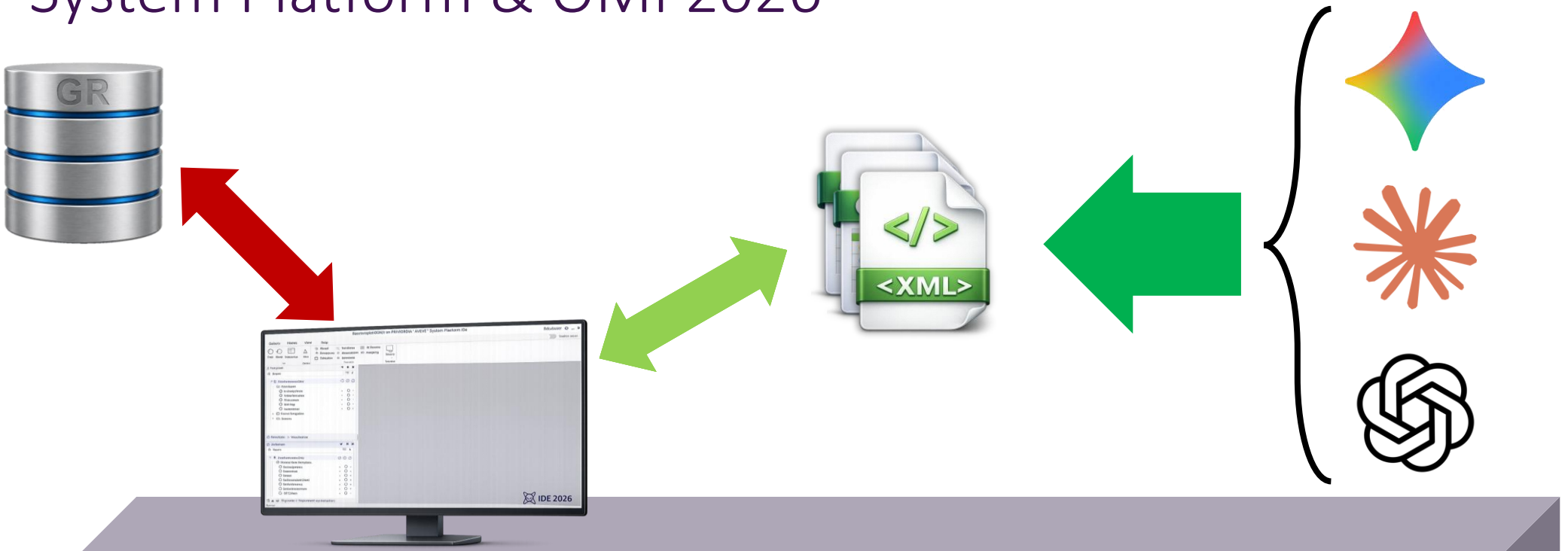
System Platform & OMI 2026



System Platform & OMI 2026



System Platform & OMI 2026



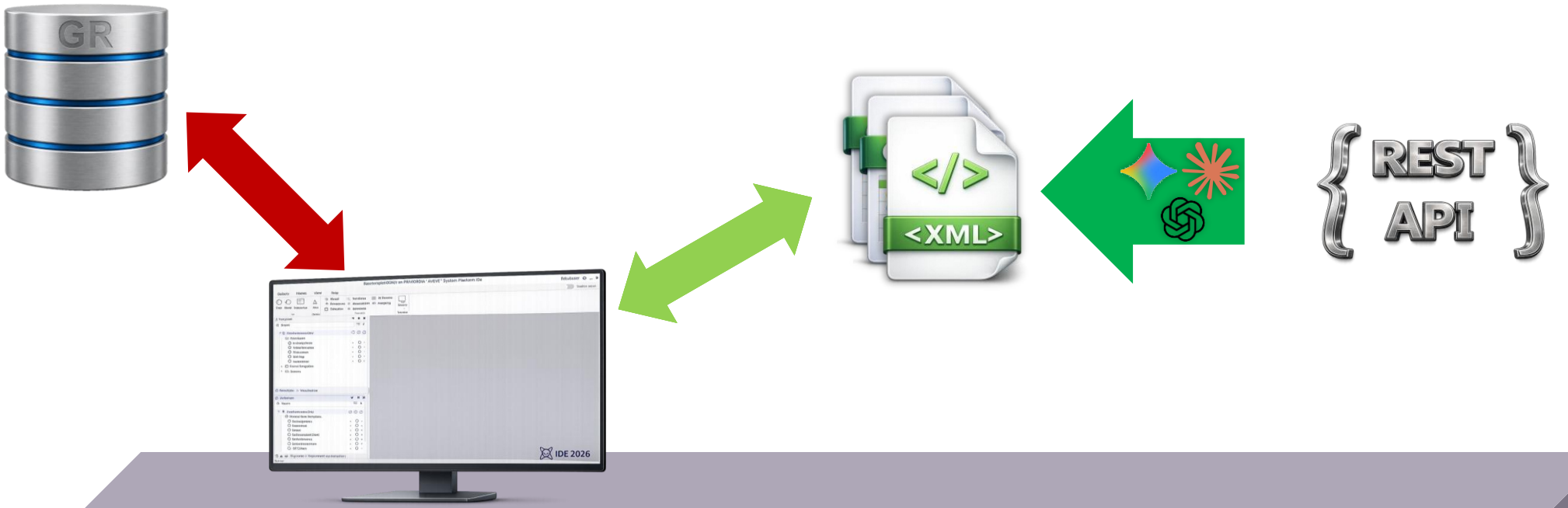
AI-assisted engineering

Structured engineering assets

System Platform & Operations Management Interface (OMI)

Operations Control — Supervisory 2026

System Platform & OMI 2026

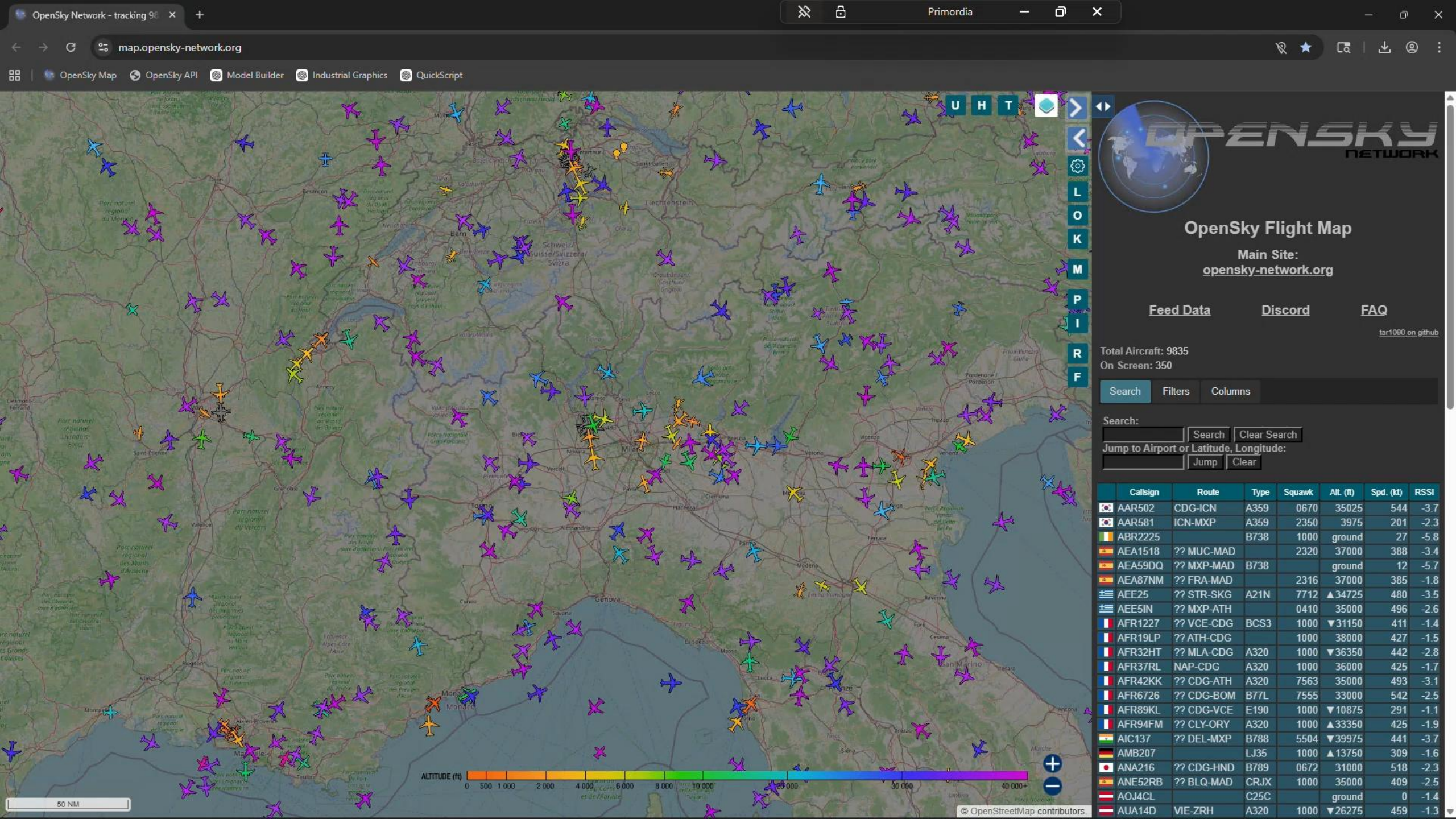


AI-assisted engineering

Structured engineering assets

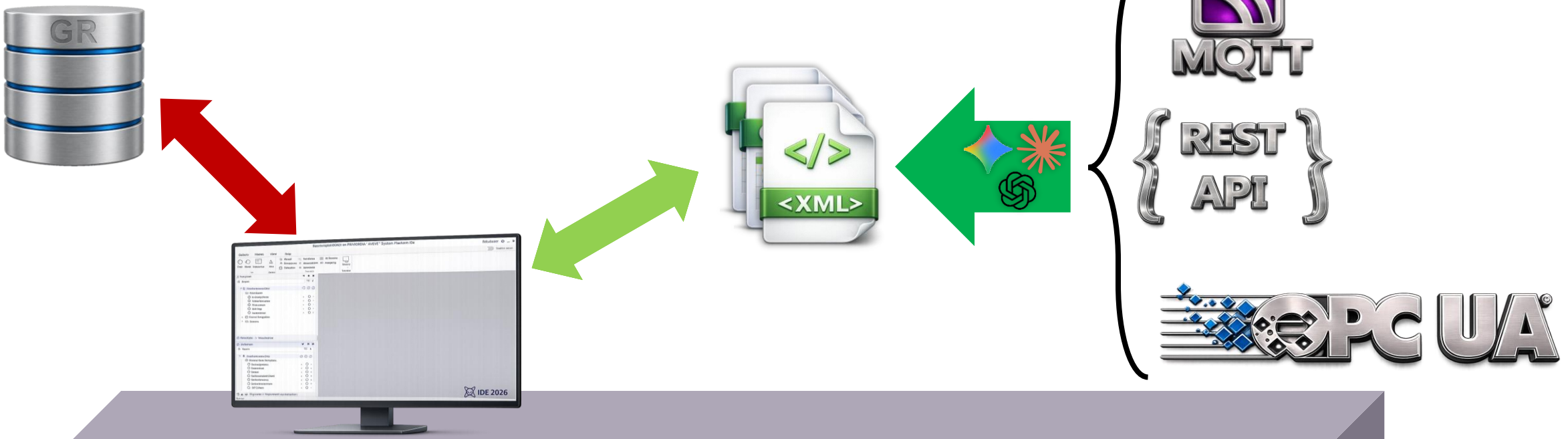
System Platform & Operations Management Interface (OMI)

Operations Control — Supervisory 2026



Callsign	Route	Type	Squawk	Alt. (ft)	Spd. (kt)	RSSI
AAR502	CDG-ICN	A359	0670	35025	544	-3.7
AAR581	ICN-MXP	A359	2350	3975	201	-2.3
ABR2225		B738	1000	ground	27	-5.8
AEA1518	?? MUC-MAD		2320	37000	388	-3.4
AEA59DQ	?? MXP-MAD	B738		ground	12	-5.7
AEA87NM	?? FRA-MAD		2316	37000	385	-1.8
AEE25	?? STR-SKG	A21N	7712	▲34725	480	-3.5
AEE5IN	?? MXP-ATH		0410	35000	496	-2.6
AFR1227	?? VCE-CDG	BCS3	1000	▼31150	411	-1.4
AFR19LP	?? ATH-CDG		1000	38000	427	-1.5
AFR32HT	?? MLA-CDG	A320	1000	▼36350	442	-2.8
AFR37RL	NAP-CDG	A320	1000	36000	425	-1.7
AFR42KK	?? CDG-ATH	A320	7563	35000	493	-3.1
AFR6726	?? CDG-BOM	B77L	7555	33000	542	-2.5
AFR89KL	?? CDG-VCE	E190	1000	▼10875	291	-1.1
AFR94FM	?? CLY-ORY	A320	1000	▲33350	425	-1.9
AIC137	?? DEL-MXP	B788	5504	▼39975	441	-3.7
AMB207		LJ35	1000	▲13750	309	-1.6
ANA216	?? CDG-HND	B789	0672	31000	518	-2.3
ANE52RB	?? BLQ-MAD	CRJX	1000	35000	409	-2.5
AOJ4CL		C25C		ground	0	-1.4
AUA14D	VIE-ZRH	A320	1000	▼26275	459	-1.3

System Platform & OMI 2026



AI-assisted engineering

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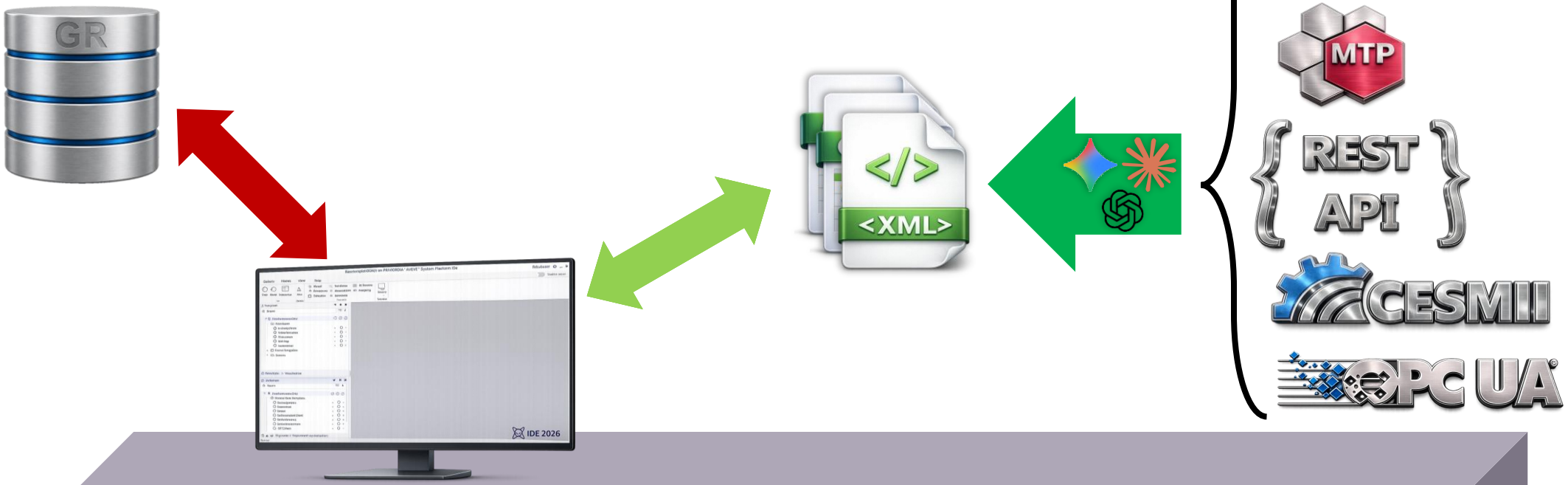
System Platform & Operations Management Interface (OMI)

Operations Control — Supervisory 2026

AVEVA

System Platform & OMI 2026



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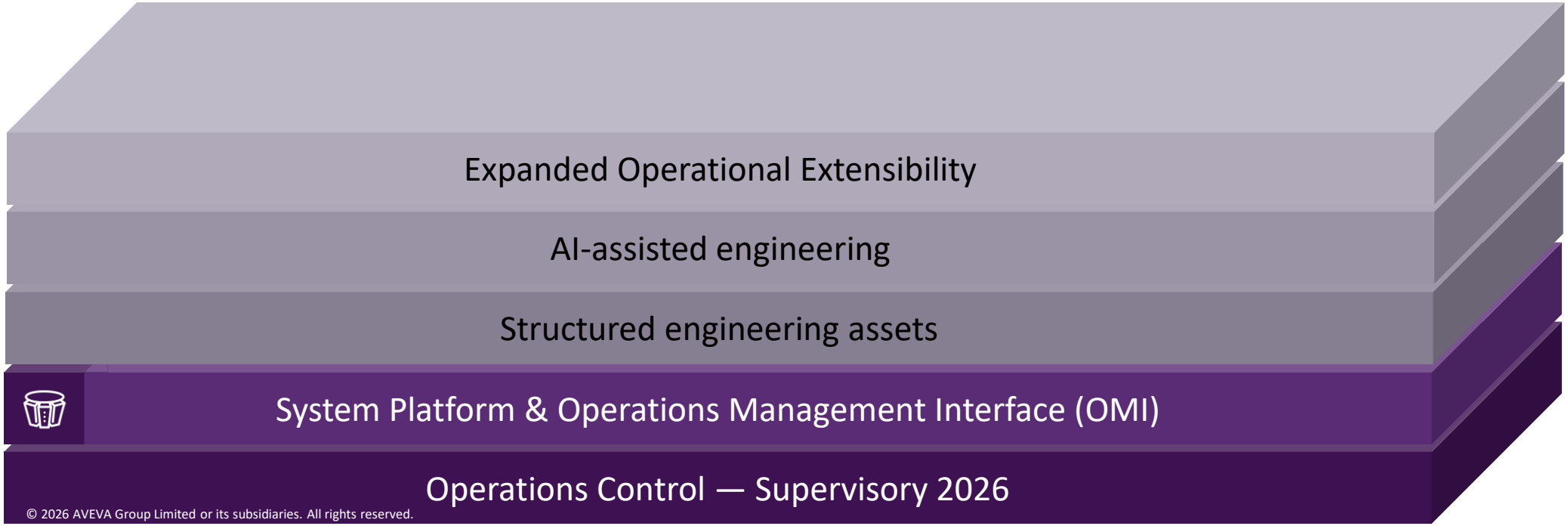
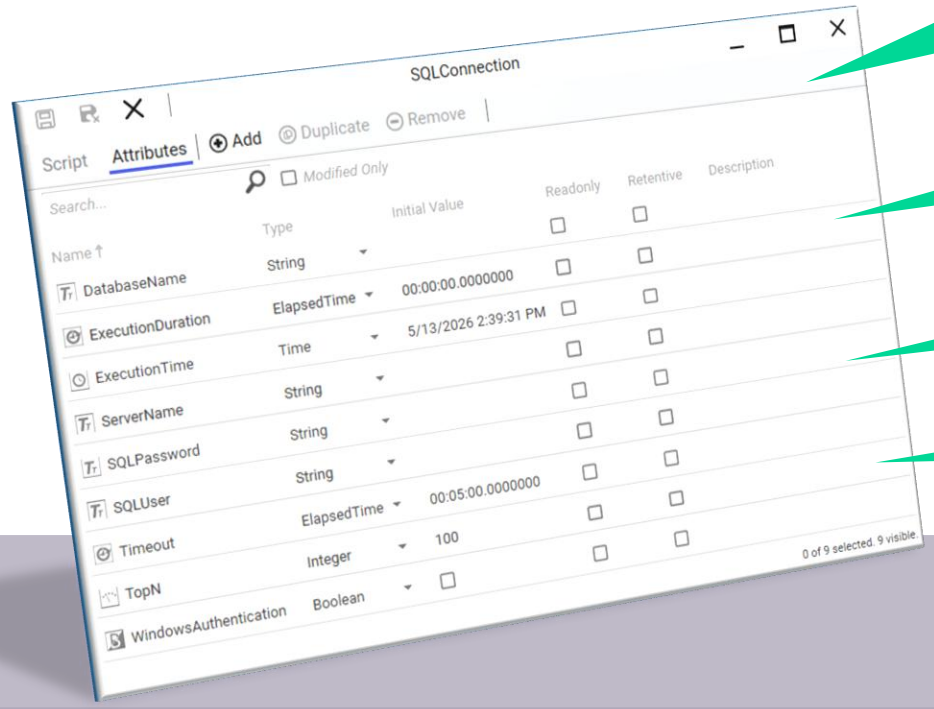
Operations Control — Supervisory 2026

System Platform & OMI 2026



System Platform & OMI 2026



ViewApp Namespace

Attributes

OMI | Graphics

OMI | Layouts

Expanded Operational Extensibility

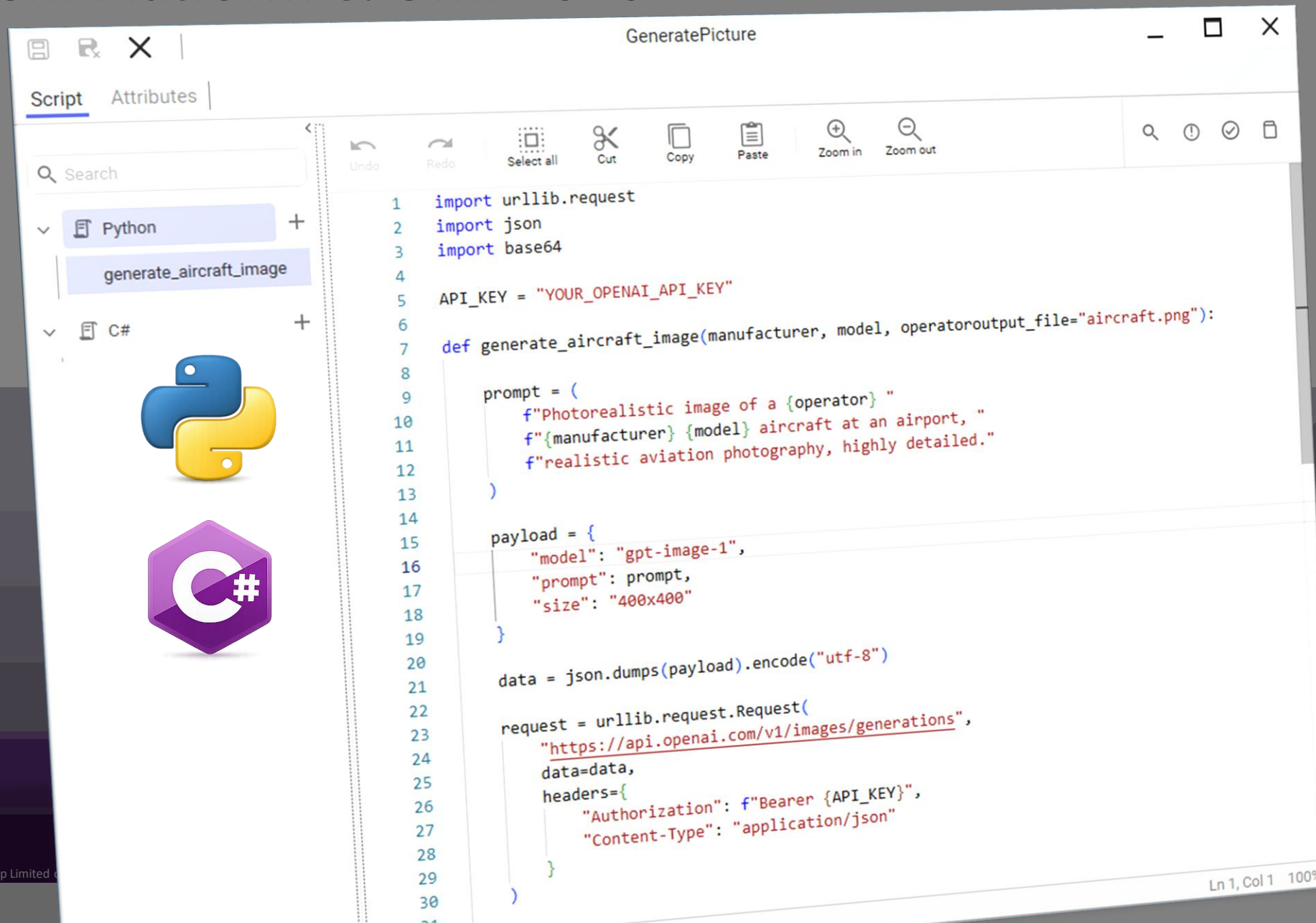
AI-assisted engineering

Structured engineering assets

System Platform & Operations Management Interface (OMI)

Operations Control — Supervisory 2026

System Platform & OMI 2026



System Platform & OMI 2026

Call

Execute

OMI web server

OMI

Return

Expanded Operational Extensibility

AI-assisted engineering

Structured engineering assets

System Platform & Operations Management Interface (OMI)

Operations Control — Supervisory 2026

System Platform & OMI 2026

Call

Execute

OMI web server

OMI

Return

Expanded Operational Extensibility

AI-assisted engineering

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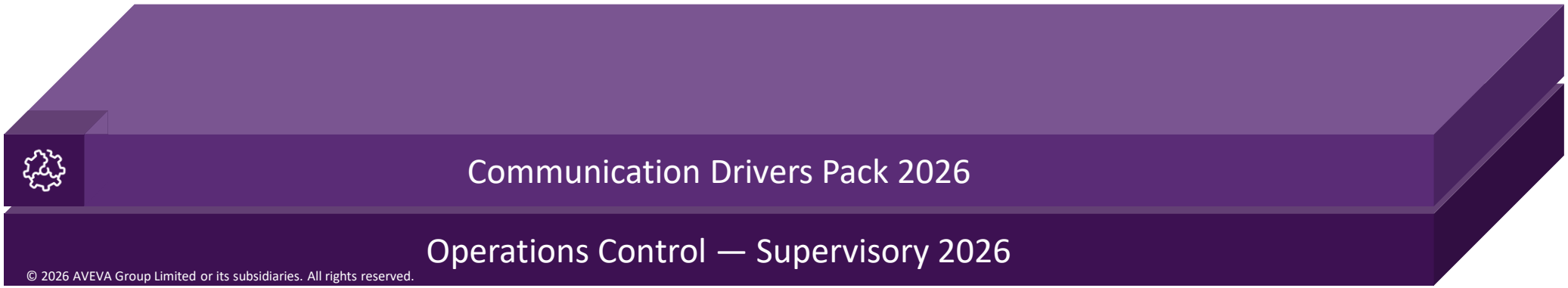
System Platform & Operations Management Interface (OMI)

Operations Control — Supervisory 2026

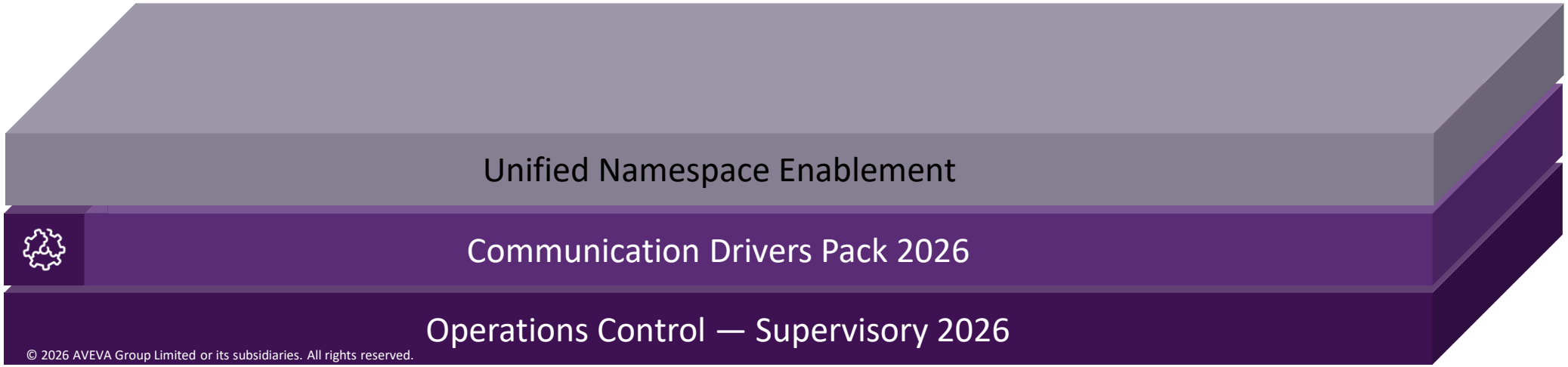
Communication Drivers Pack 2026

Operations Control — Supervisory 2026

Communication Drivers Pack 2026



Communication Drivers Pack 2026



OCMC - [Operations Control Management Console]

Primordia

File Action View Help

Operations Control Management Console (PRIMORDIA)
- Historian
- Galaxy Database Manager
- Operations Integration Server Manager
  - Default Group
    - Local
      - [Admin] Operations Integration Supervisory Servers
        - Allen-Bradley - ABCIP
        - Allen-Bradley - ABTCP
        - Beckhoff - TWINCAT
        - General Electric - GESRTP
        - Internal - SIM
        - Mitsubishi - MELSEC
        - Modicon - MBTCP
        - Omron - OMRONFINS
        - Schneider-Electric - SOMAC
        - Siemens - SIDIRECT
        - Standards - BACLITE
        - Standards - CODESYS
        - Standards - Gateway
        - Standards - MQTT
          - OI.MQTT.1
            - Configuration
              - Broker_Connection
              - UNS_Publisher
        - Standards - SNMP
        - Standards - WEBSVC
        - Texas Instruments - TI500
  - Planes
- Log Viewer
- Platform Manager

Node Type: UNS_PUB **Delimiter: .**

UNS_Publisher Parameters | Publisher

Security Unknown: Connection to the MQTT broker not established. [Validate Connectivity]

Step 1: Configure MQTT broker connection [Check]

Broker Address: localhost Port Number: 1883

Persist Session: ☑

Step 2: (Optional) Encrypt connection with TLS [Check]

☐ Enable

Highest Transport Layer Security (TLS) version: tlsv1.3

Certicate Authority File [...]

If the configured broker is using an untrusted (self-signed) digital certificate, click Download to use the broker certificate for this connection [Download]

Step 3: (Optional) Enter Connection/User Identity [Check]

Connection Identity

☐ Enable

Client Certificate File: [...]

Client Key File: [...]

Client Key Password: ********** [Show]

User Identity

☐ Enable

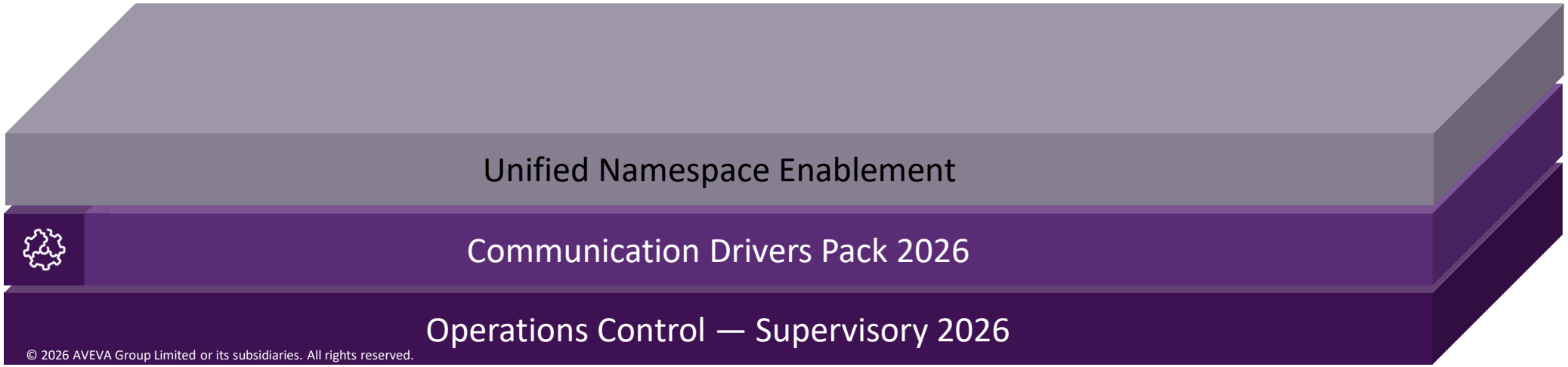
User Name:

Password: ●●●●●●●●●●●● [Show]

Step 4: (Optional) Set/Detect MQTT Version [Check]

MQTT Version: ○ 3.x ◉ 5.0

Communication Drivers Pack 2026



Historian and Historian Client 2026

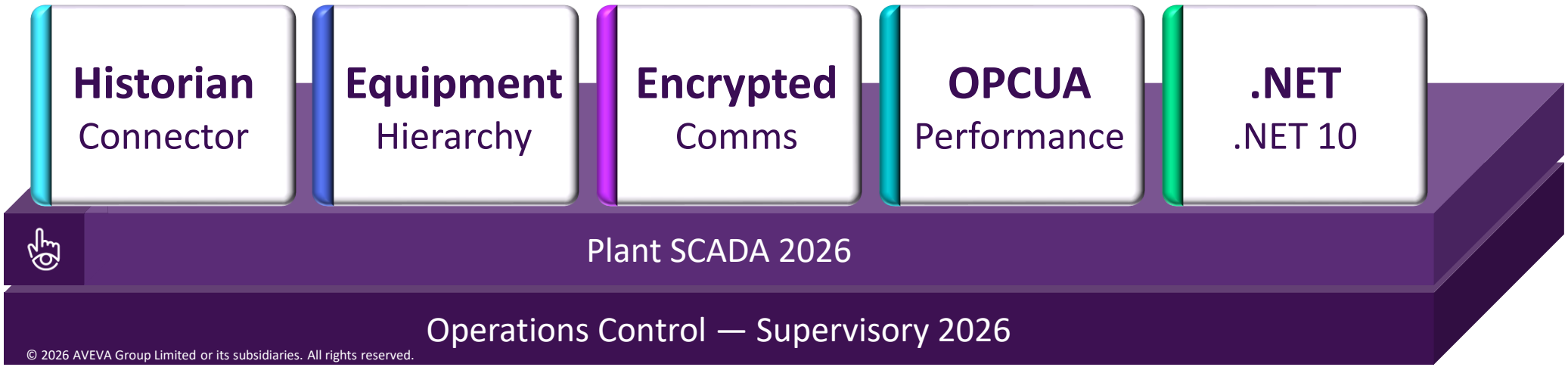
Operations Control — Supervisory 2026

Historian and Historian Client 2026

Plant SCADA 2026

Operations Control — Supervisory 2026

Plant SCADA 2026



Plant SCADA 2026

Plant SCADA

Unified Operations Center (UOC)

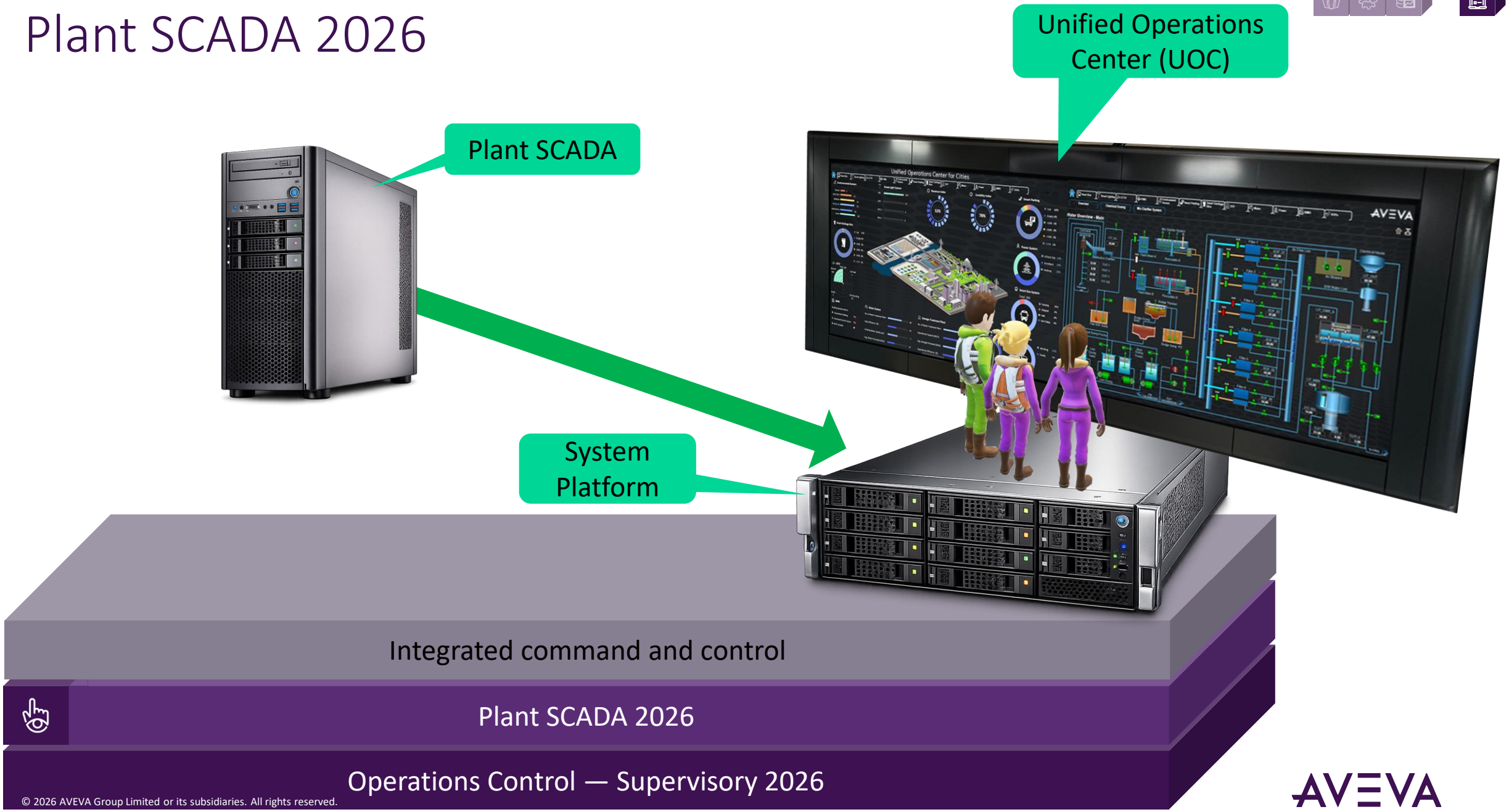
Integrated command and control

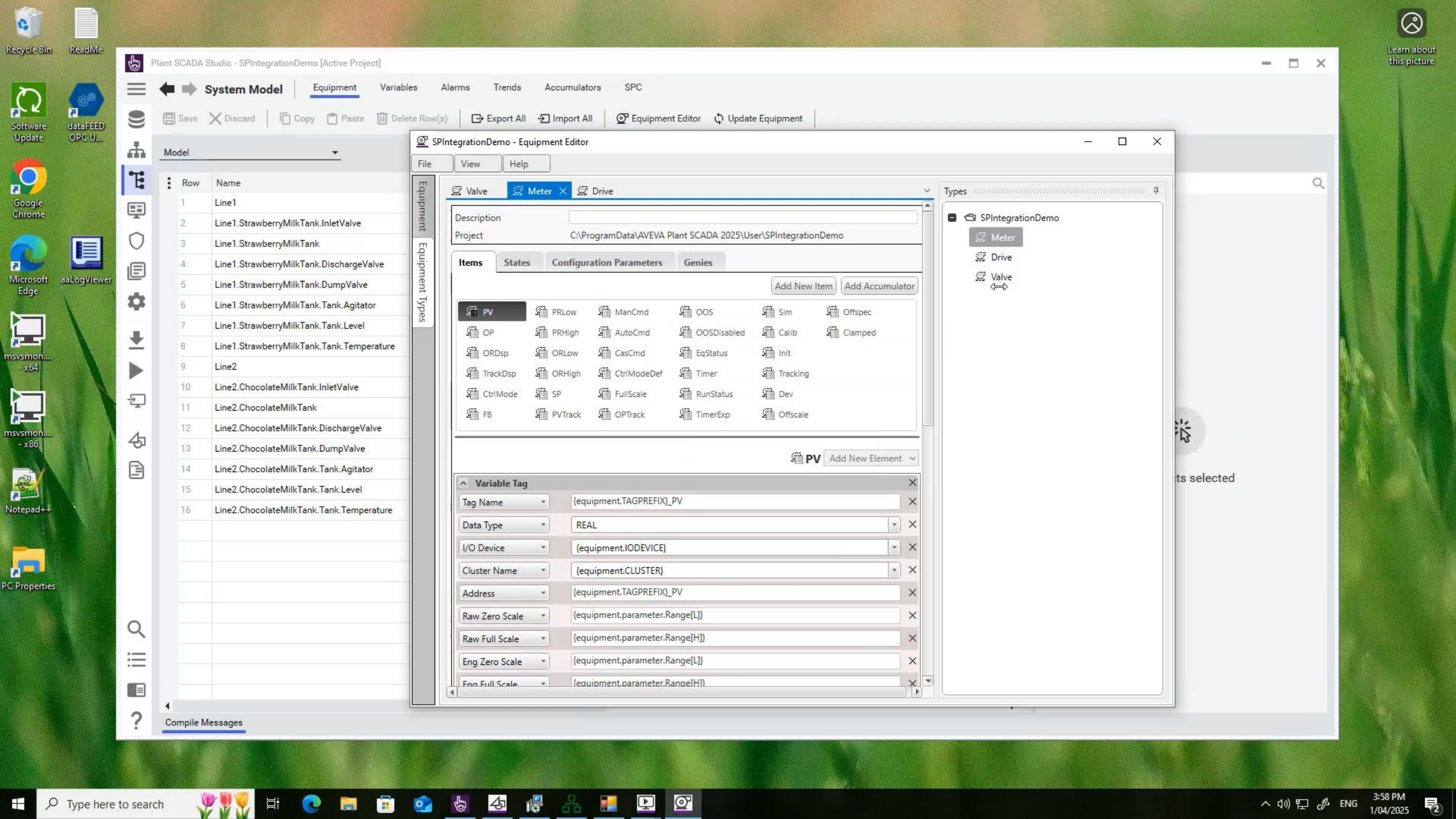
Plant SCADA 2026

Operations Control — Supervisory 2026

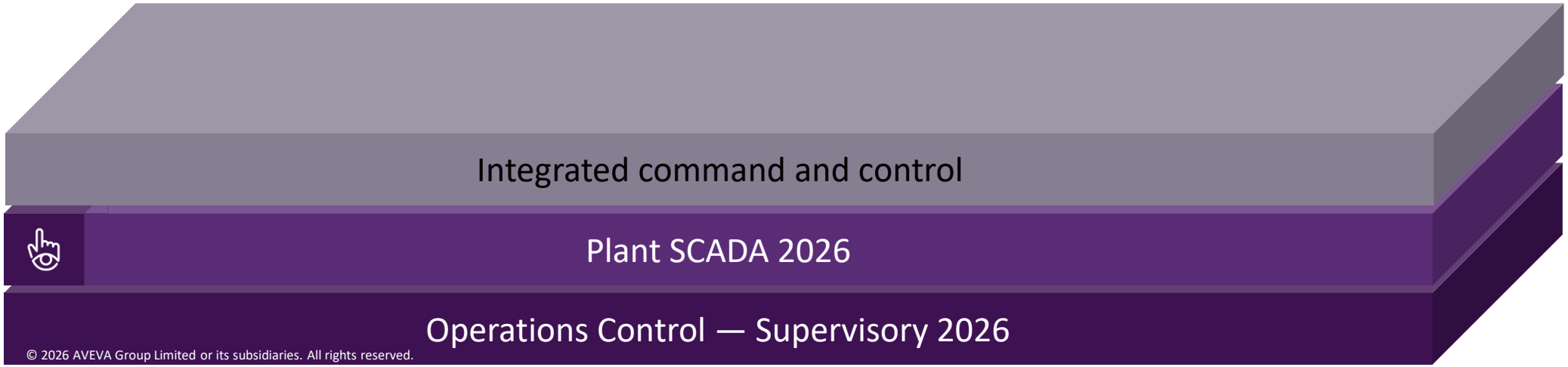
AVEVA

Plant SCADA 2026




Plant SCADA Studio - SPIntegrationDemo [Active Project]
System Model
Equipment
Variables
Alarms
Trends
Accumulators
SPC
Save
Discard
Copy
Paste
Delete Row(s)
Export All
Import All
Equipment Editor
Update Equipment
Model
Row
Name
1 Line1
2 Line1.StrawberryMilkTank.InletValve
3 Line1.StrawberryMilkTank
4 Line1.StrawberryMilkTank.DischargeValve
5 Line1.StrawberryMilkTank.DumpValve
6 Line1.StrawberryMilkTank.Tank.Agitator
7 Line1.StrawberryMilkTank.Tank.Level
8 Line1.StrawberryMilkTank.Tank.Temperature
9 Line2
10 Line2.ChocolateMilkTank.InletValve
11 Line2.ChocolateMilkTank
12 Line2.ChocolateMilkTank.DischargeValve
13 Line2.ChocolateMilkTank.DumpValve
14 Line2.ChocolateMilkTank.Tank.Agitator
15 Line2.ChocolateMilkTank.Tank.Level
16 Line2.ChocolateMilkTank.Tank.Temperature
Compile Messages
SPIntegrationDemo - Equipment Editor
File
View
Help
Equipment
Equipment Types
Valve
Meter
Drive
Description
Project
C:\ProgramData\AVEVA Plant SCADA 2025\User\SPIntegrationDemo
Items
States
Configuration Parameters
Genies
Add New Item
Add Accumulator
PV
PRLow
ManCmd
OOS
Sim
Offspec
OP
PRHigh
AutoCmd
OOSDisabled
Calib
Clamped
ORDsp
ORLow
CasCmd
EqStatus
Init
TrackDsp
ORHigh
CtrlModeDef
Timer
Tracking
CtrlMode
SP
FullScale
RunStatus
Dev
FB
PVTrack
OPTrack
TimerExp
Offscale
PV
Add New Element
Variable Tag
Tag Name
{equipment.TAGPREFIX}_PV
Data Type
REAL
I/O Device
{equipment.IODEVICE}
Cluster Name
{equipment.CLUSTER}
Address
{equipment.TAGPREFIX}_PV
Raw Zero Scale
{equipment.parameter.Range[L]}
Raw Full Scale
{equipment.parameter.Range[H]}
Eng Zero Scale
{equipment.parameter.Range[L]}
Types
SPIntegrationDemo
Meter
Drive
Valve
Recycle Bin
ReadMe
Software Update
dataFEED OPC U...
Google Chrome
Microsoft Edge
aaLogViewer
msvsmon.... - x64
msvsmon.... - x86
Notepad++
PC Properties
Learn about this picture
Type here to search
ENG
3:58 PM
1/04/2025

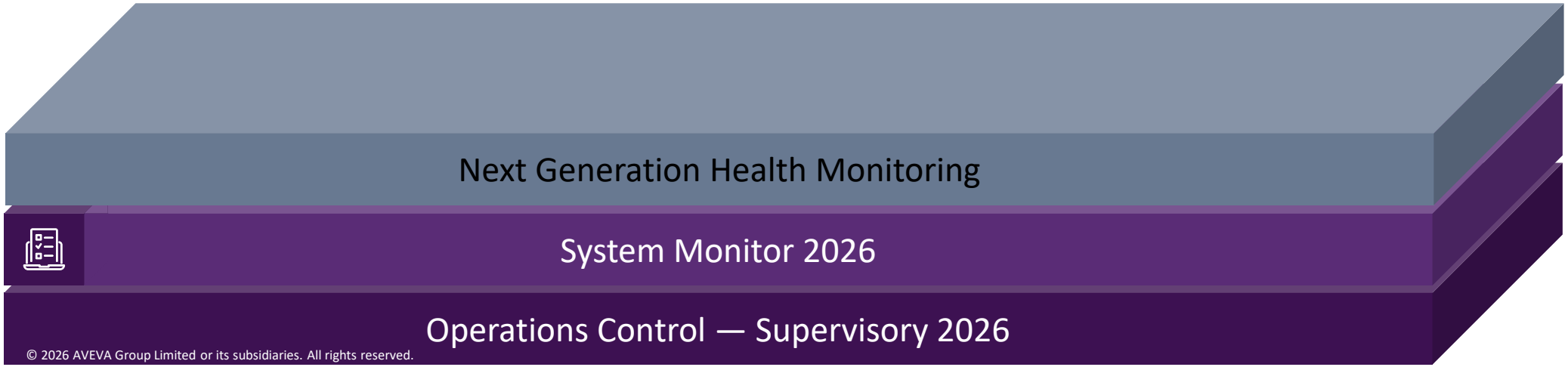
Plant SCADA 2026

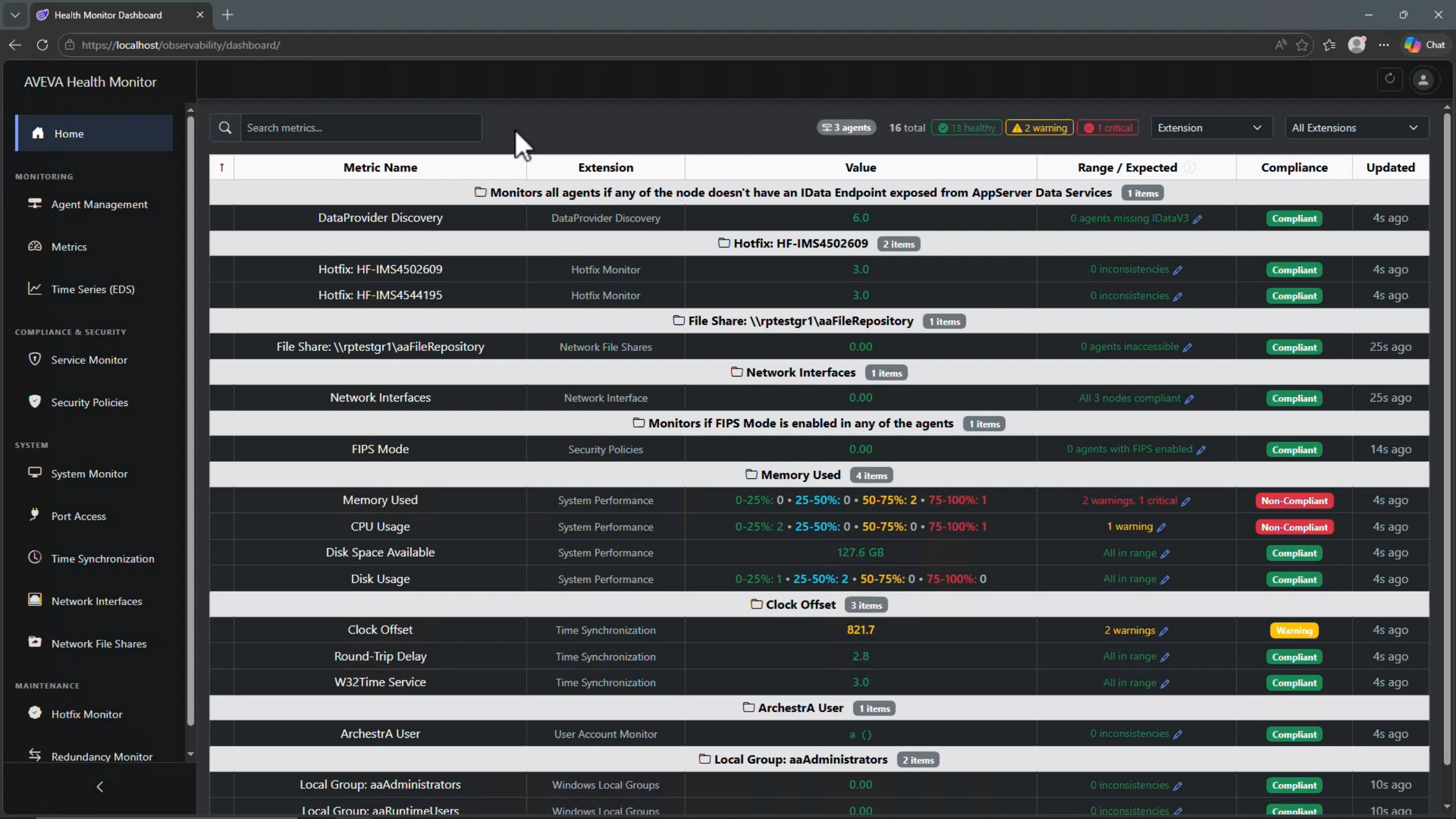


System Monitor 2026

System Monitor 2026

System Monitor 2026




Health Monitor Dashboard
https://localhost/observability/dashboard/
Chat
AVEVA Health Monitor
Home
MONITORING
Agent Management
Metrics
Time Series (EDS)
COMPLIANCE & SECURITY
Service Monitor
Security Policies
SYSTEM
System Monitor
Port Access
Time Synchronization
Network Interfaces
Network File Shares
MAINTENANCE
Hotfix Monitor
Redundancy Monitor
Search metrics...
3 agents
16 total
13 healthy
2 warning
1 critical
Extension
All Extensions
Metric Name
Extension
Value
Range / Expected
Compliance
Updated
Monitors all agents if any of the node doesn't have an IData Endpoint exposed from AppServer Data Services 1 items
DataProvider Discovery
DataProvider Discovery
6.0
0 agents missing IDataV3
Compliant
4s ago
Hotfix: HF-IMS4502609 2 items
Hotfix: HF-IMS4502609
Hotfix Monitor
3.0
0 inconsistencies
Compliant
4s ago
Hotfix: HF-IMS4544195
Hotfix Monitor
3.0
0 inconsistencies
Compliant
4s ago
File Share: \\rptestgr1\aaFileRepository 1 items
File Share: \\rptestgr1\aaFileRepository
Network File Shares
0.00
0 agents inaccessible
Compliant
25s ago
Network Interfaces 1 items
Network Interfaces
Network Interface
0.00
All 3 nodes compliant
Compliant
25s ago
Monitors if FIPS Mode is enabled in any of the agents 1 items
FIPS Mode
Security Policies
0.00
0 agents with FIPS enabled
Compliant
14s ago
Memory Used 4 items
Memory Used
System Performance
0-25%: 0 • 25-50%: 0 • 50-75%: 2 • 75-100%: 1
2 warnings, 1 critical
Non-Compliant
4s ago
CPU Usage
System Performance
0-25%: 2 • 25-50%: 0 • 50-75%: 0 • 75-100%: 1
1 warning
Non-Compliant
4s ago
Disk Space Available
System Performance
127.6 GB
All in range
Compliant
4s ago
Disk Usage
System Performance
0-25%: 1 • 25-50%: 2 • 50-75%: 0 • 75-100%: 0
All in range
Compliant
4s ago
Clock Offset 3 items
Clock Offset
Time Synchronization
821.7
2 warnings
Warning
4s ago
Round-Trip Delay
Time Synchronization
2.8
All in range
Compliant
4s ago
W32Time Service
Time Synchronization
3.0
All in range
Compliant
4s ago
ArchestrA User 1 items
ArchestrA User
User Account Monitor
a ()
0 inconsistencies
Compliant
4s ago
Local Group: aaAdministrators 2 items
Local Group: aaAdministrators
Windows Local Groups
0.00
0 inconsistencies
Compliant
10s ago
Local Group: aaRuntimeUsers
Windows Local Groups
0.00
0 inconsistencies
Compliant
10s ago

But wait, there’s more

AVEVA GitHub

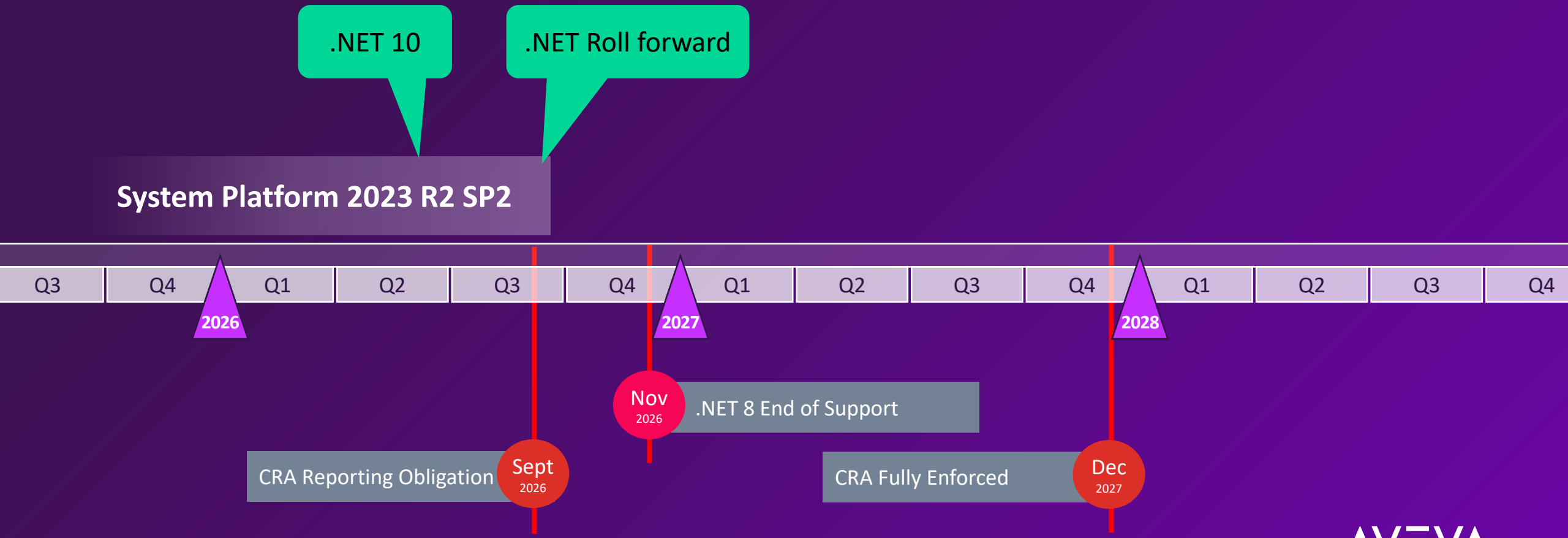
Heroes Toolbox

[COMING SOON]

What’s Next?

Information is subject to change

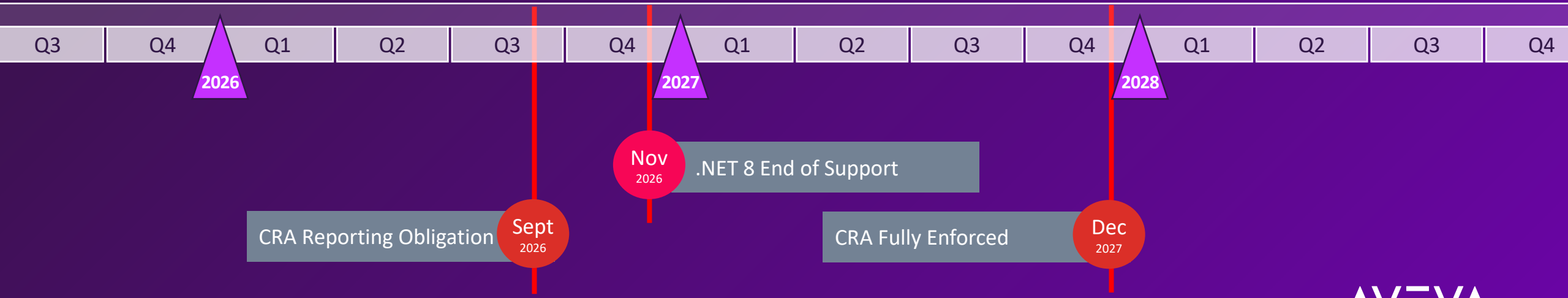
What's Next?



What's Next?

System Platform 2023 R2 SP2

System Platform 2026



What's Next?

System Platform 2023 R2 SP2

AVEVA Apps
MCP servers
Technology support
AI Agents
APIs (I3X)
Technology modernisation
CRA

System Platform 2026 | **System Platform 2026R2** | **System Platform 2028**

Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4

2026 2027 2028

Nov 2026 .NET 8 End of Support

CRA Reporting Obligation Sept 2026

CRA Fully Enforced Dec 2027

What's Next?

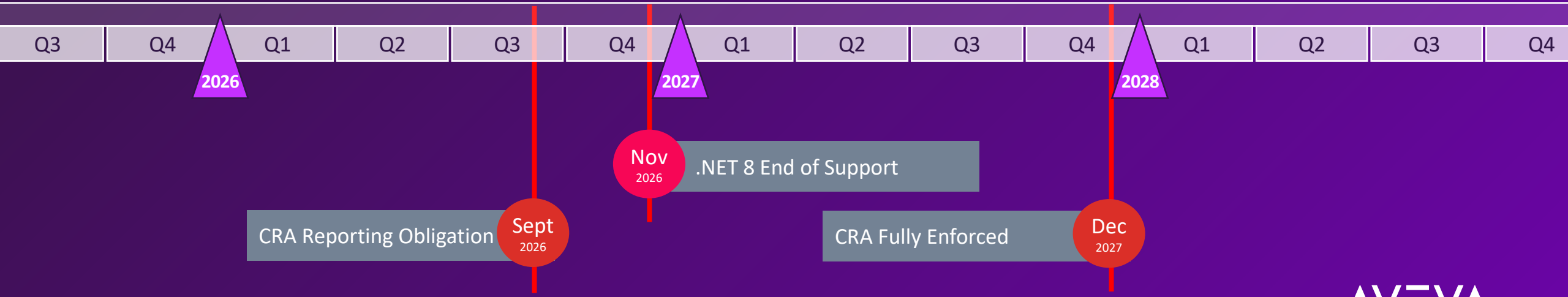
System Platform 2023 R2 SP2

System Platform 2026 BETA | System Platform 2026R2 | System Platform 2028

CDS | AVEVA PI adapter | MFA support | MQTT Pub/Sub | Comm Server | Python | Diagnostics

CRA

Plant SCADA 2026 | **Plant SCADA 2026 R2** | **Plant SCADA 2028**

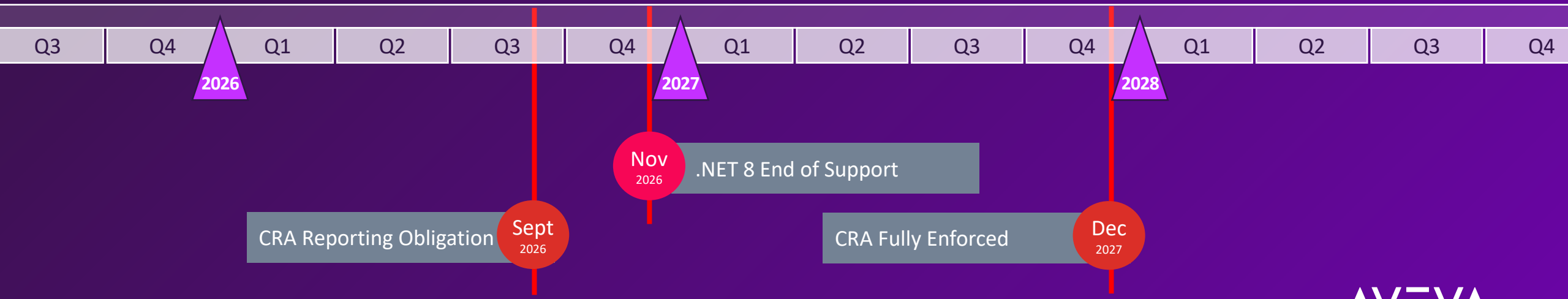


What's Next?

System Platform 2023 R2 SP2

System Platform 2026 | System Platform 2026R2 | System Platform 2028

Plant SCADA 2026 | Plant SCADA 2026 R2 | Plant SCADA 2028



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HMI / SCADA & MES

Technical Forums • Training •
Documentation • Technical Video Demos •
Social Media Engagements •
Events & More!

CONNECT

Community *coming soon in 2026!*

PI SQUARE COMMUNITY

PI SYSTEM

Technical Forums • Blogs • More content coming soon!

130,000+ members globally!

Visit us at **booth TI4** in the Innovation Zone

AVEVA

Sessions of Interest

AVEVA System Platform: New Smarter Features for Modern Capabilities

AVEVA System Platform

Thursday, May 21st @ 9:45 am

Brown 1, Level 2

Intelligence on the Plant Floor: AVEVA Operations Control Edge Roadmap

AVEVA Operations Control Edge

Wednesday, May 20th @ 5:00 pm

Brown 2, Level 2

AVEVA InTouch HMI: Graphics, Structures and Python, Oh My!

AVEVA InTouch

Thursday, May 21st @ 10:30 am

Brown 1, Level 2

Visit Us!

Stop by these booths in the innovation zone for demos and additional information:

Powering IIoT Innovation with InTouch, System Platform, and CONNECT

AVEVA System Platform & AVEVA InTouch

From Edge Intelligence to Industrie 4.0 with AVEVA Operations Control and Crosser

AVEVA Operations Control & Crosser

Integrate your operations with unlimited possibilities

AVEVA Operations Control & System Platform

Scalable HMI solutions with unlimited tags, IO, and server installations

AVEVA InTouch

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ABOUT AVEVA

AVEVA is a world leader in industrial software, providing engineering and operational solutions across multiple industries, including oil and gas, chemical, pharmaceutical, power and utilities, marine, renewables, and food and beverage. Our agnostic and open architecture helps organizations design, build, operate, maintain and optimize the complete lifecycle of complex industrial assets, from production plants and offshore platforms to manufactured consumer goods.

Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

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