



AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

AVEVA WORLD MILAN, MAY 2026

Roadmap insights for AVEVA™ PI System™ and AVEVA™ PI Data Infrastructure

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AVEVA

Evolve. Trust. Expand.

Industrial intelligence
Predictive maintenance
Digital twins
Process optimization
Workforce augmentation
Automation



AVEVA Edge Data Store



AVEVA PI Server



CONNECT

AVEVA PI Data Infrastructure

AVEVA

Intelligence layers of industrial operations

AI-Driven Optimization

Continuous operational optimization, AI models

Visual Analysis

Situational awareness, inspecting raw data & context



Predictive Analytics

Predictive maintenance & risk reduction, machine learning

Calculated Insights

Meaningful KPIs from raw data, rule-based logic

Robust data foundation

From collection, to replication and sharing

AI & PI Data Infrastructure:

How Industrial Operations Win

Agentic AI

Optimize and automate

AI Server for PI System

Integrate your LLM & interact in your language

MCP Server for PI System

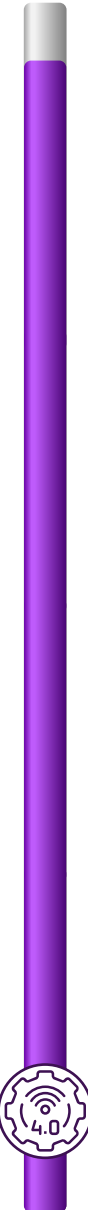
Access PI System data, context, events

Semantic data layer

Contextualized AI-ready data

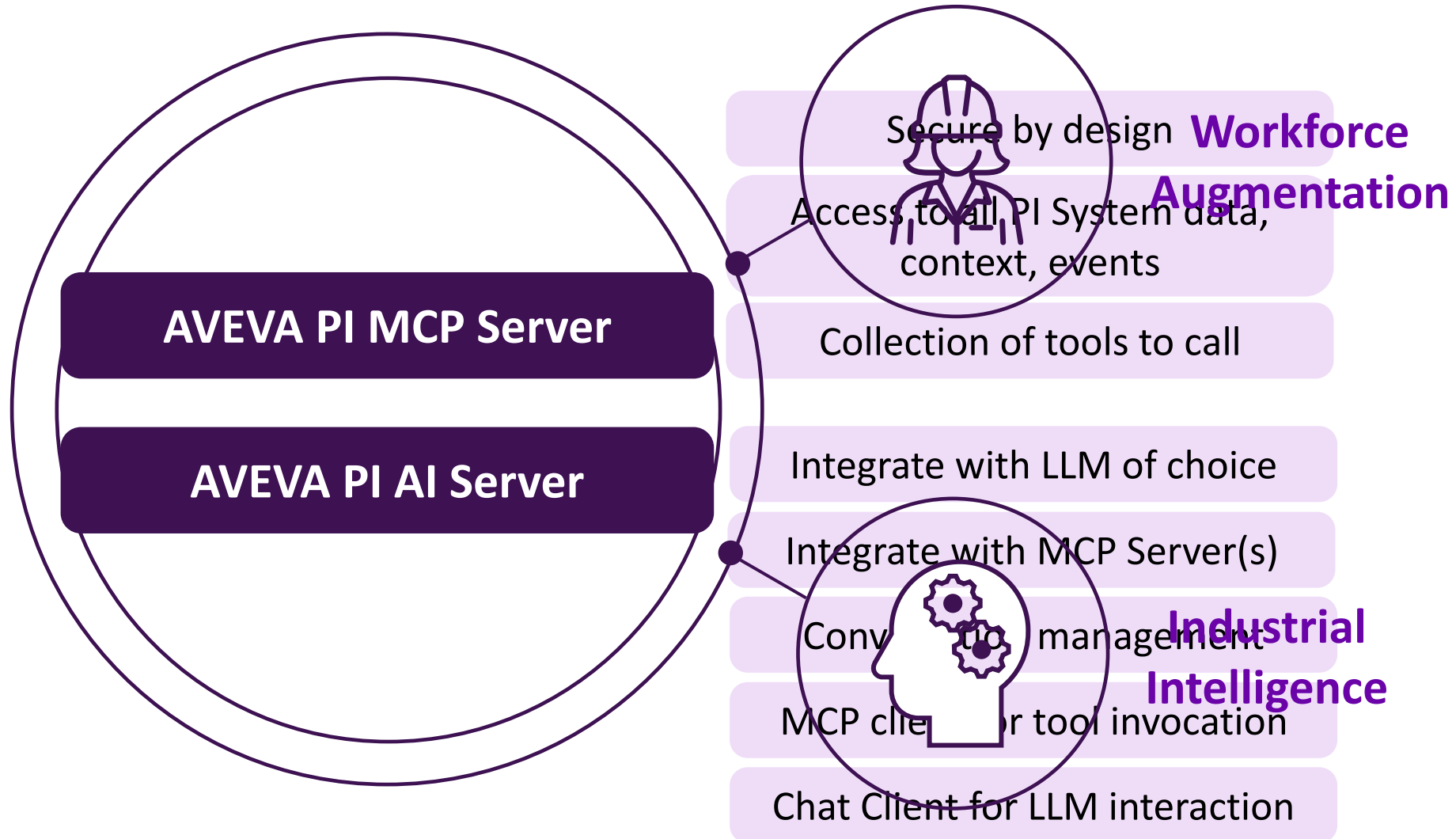
Data foundation

All data at scale, performance, quality



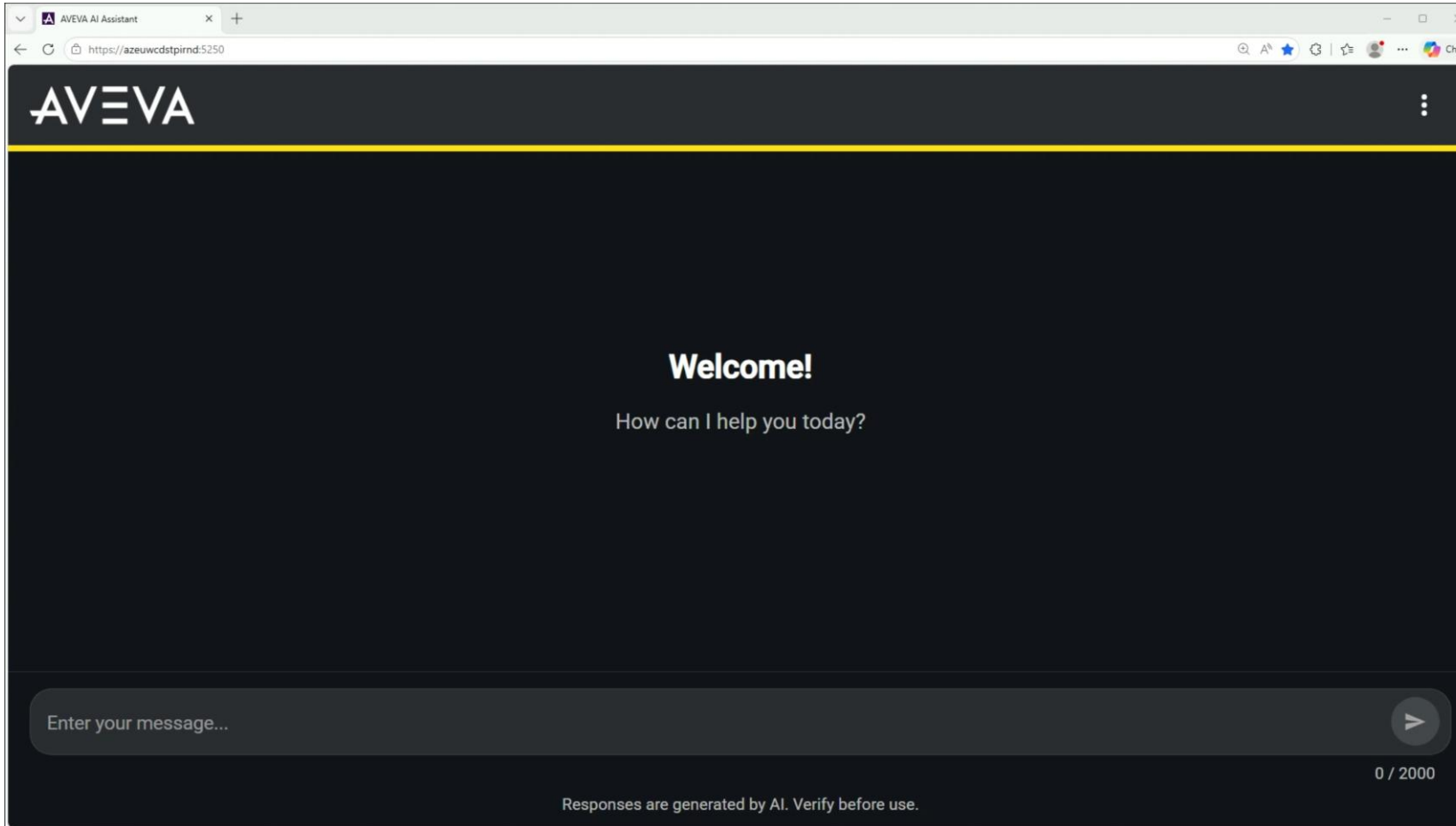
AVEVA

Powering PI System with AI and modern tool integration



AI & PI: Workforce Augmentation

PI System health management and system configuration



AI & PI: Industrial Intelligence

Lower time to value with familiar tools and AI-ready data



Happening TODAY

(Repeat) Your Workflow, Your Voice: Prioritizing AI for AVEVA PI System & AVEVA Operations Control

AVEVA Discussion Group

Options @:

- **1:45 pm**
- **2:45 pm**

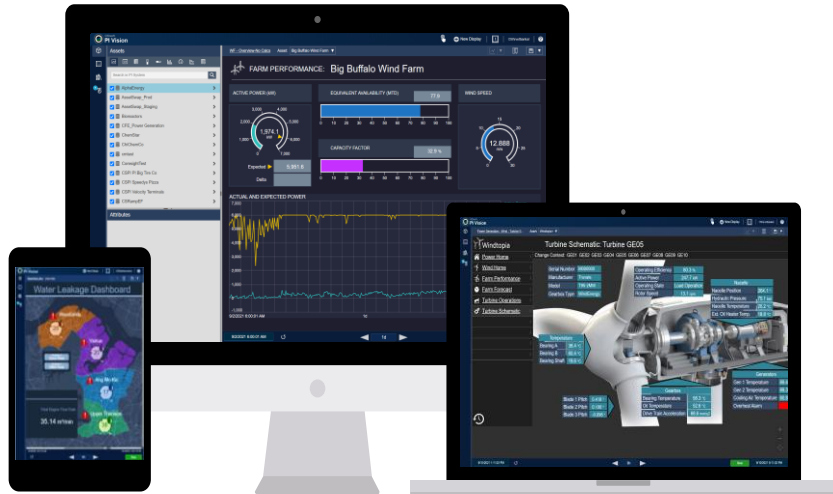
Amber 5 - Level 2 - "The Hive"
Roundtable (Hive & Hub)



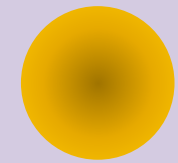
AI for PI
ROUNDTABLES

AVEVA

AVEVA PI Vision: Powerful capabilities delivered over time



In development



2026

Manual data entry

2025

Cloud-managed SQL
Ad hoc workspace

2024

New process monitoring and
display management capabilities

Supporting end users and admins

2023

Claims-based
authentication

2022

Enhanced events analysis
& display standardization

2021

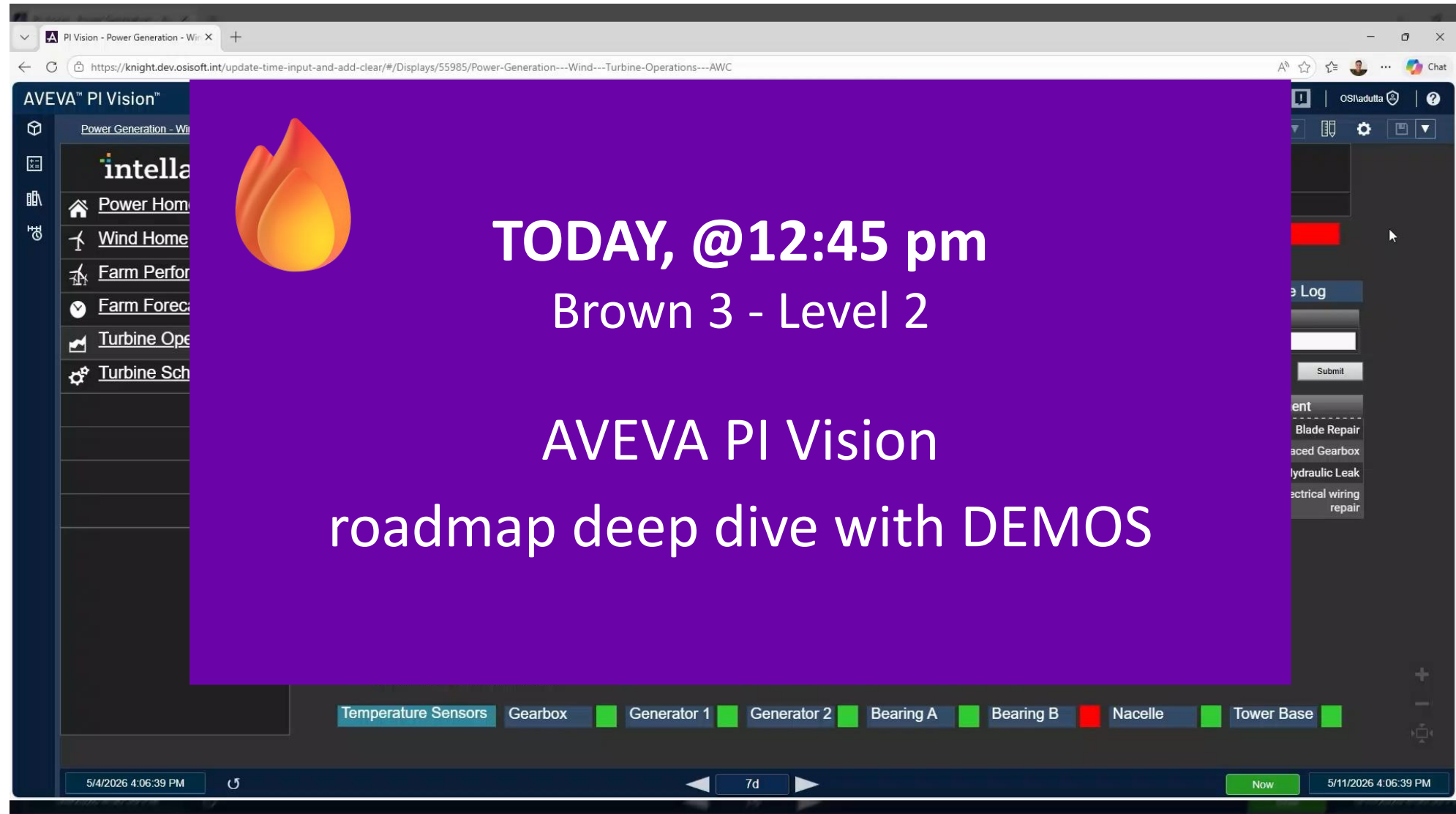
Asset based calculations &
offline display management

2020

Tag based calculations &
display usage monitoring

AVEVA

PI Vision 2026: Features in support of over 1700 votes



The screenshot shows the AVEVA PI Vision software interface. A large purple overlay is centered on the screen, featuring a flame icon on the left and the following text in white:

TODAY, @12:45 pm
Brown 3 - Level 2

AVEVA PI Vision
roadmap deep dive with DEMOS

The background interface includes a left sidebar with navigation links like 'Power Home', 'Wind Home', 'Farm Performance', 'Farm Forecast', 'Turbine Operations', and 'Turbine Schedule'. The main area displays a status bar at the bottom with components: Temperature Sensors, Gearbox, Generator 1, Generator 2, Bearing A, Bearing B, Nacelle, and Tower Base. The bottom status bar shows the date '5/4/2026 4:06:39 PM' and a timeline with '7d' and 'Now' markers, ending at '5/11/2026 4:06:39 PM'.



Elevate operational insights across the enterprise

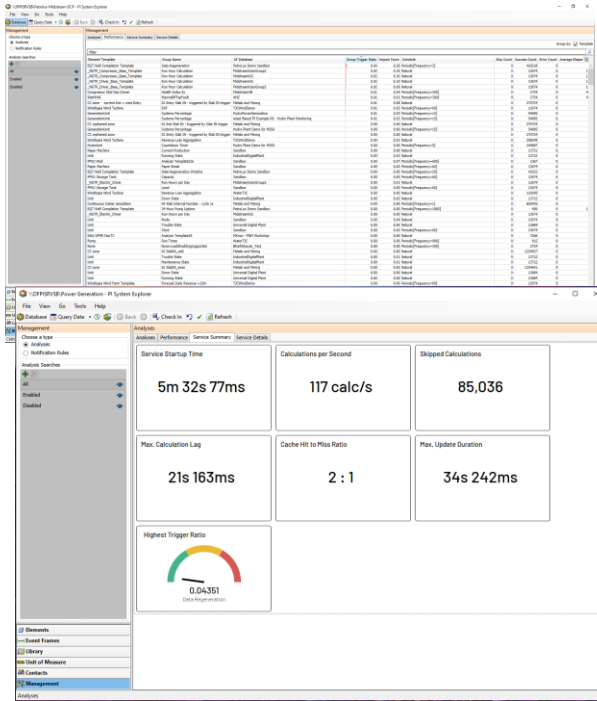




Driving operational value with AVEVA PI Server

In development

Asset analytics health



Significant performance boost

Increased asset analytics scale

More recalculations, less performance hit

Quicker response to outages

Reduced CPU usage for multi-event data calls

Lower system utilization/ power consumption

Scale out of Asset Analytics

Multiple instances of Analysis Service per AF Server, built to scale

Stronger control & governance

Faster troubleshooting

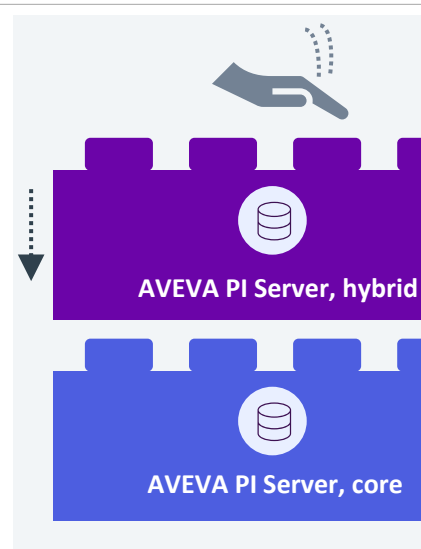
More control over development & testing

Foundation for lower TCO and alignment with IT standards

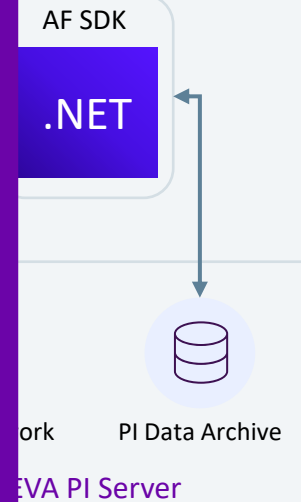


TODAY, @12:00 pm
Brown 3 - Level 2

**AVEVA PI Server
Roadmap deep dive**



*Complementary value of
PI Server branches*



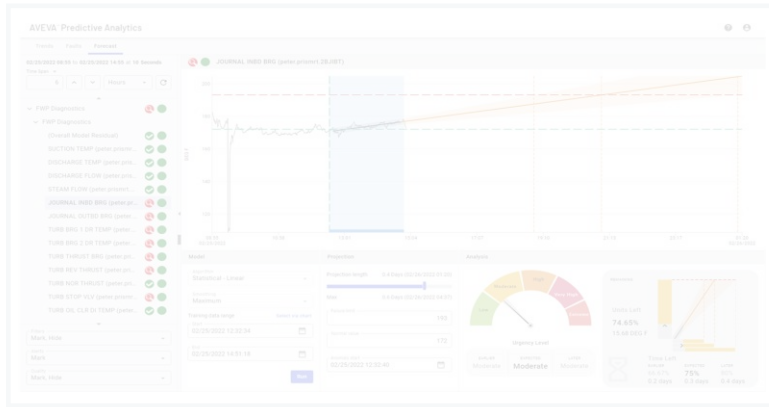
*support for latest
implementation*

*Host Asset Framework database
on cloud managed SQL*



Predictive analytics

Leverage machine learning for predictive maintenance, anomaly detection, and risk reduction



- Reduce downtime
- Minimize maintenance costs
- Prevent asset failure
- Extend asset life
- Improve safety

AVEVA Predictive Analytics

CONNECT
AI & Analytics
Data management & visualization

PI to CONNECT Agent

CONNECT to PI Agent

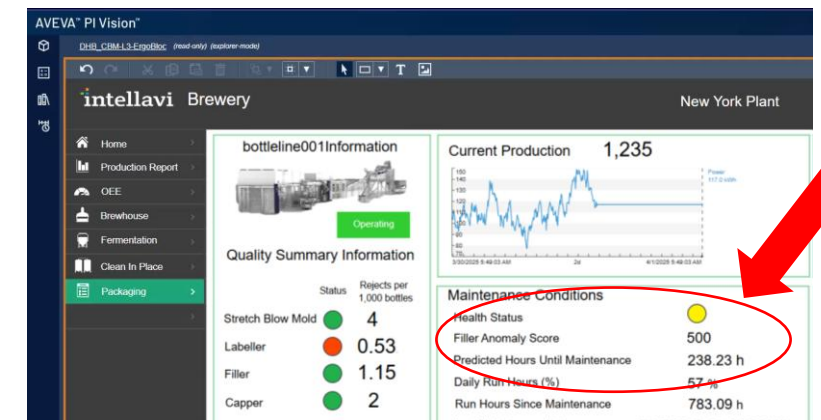
AVEVA PI Server

Advanced Analytics



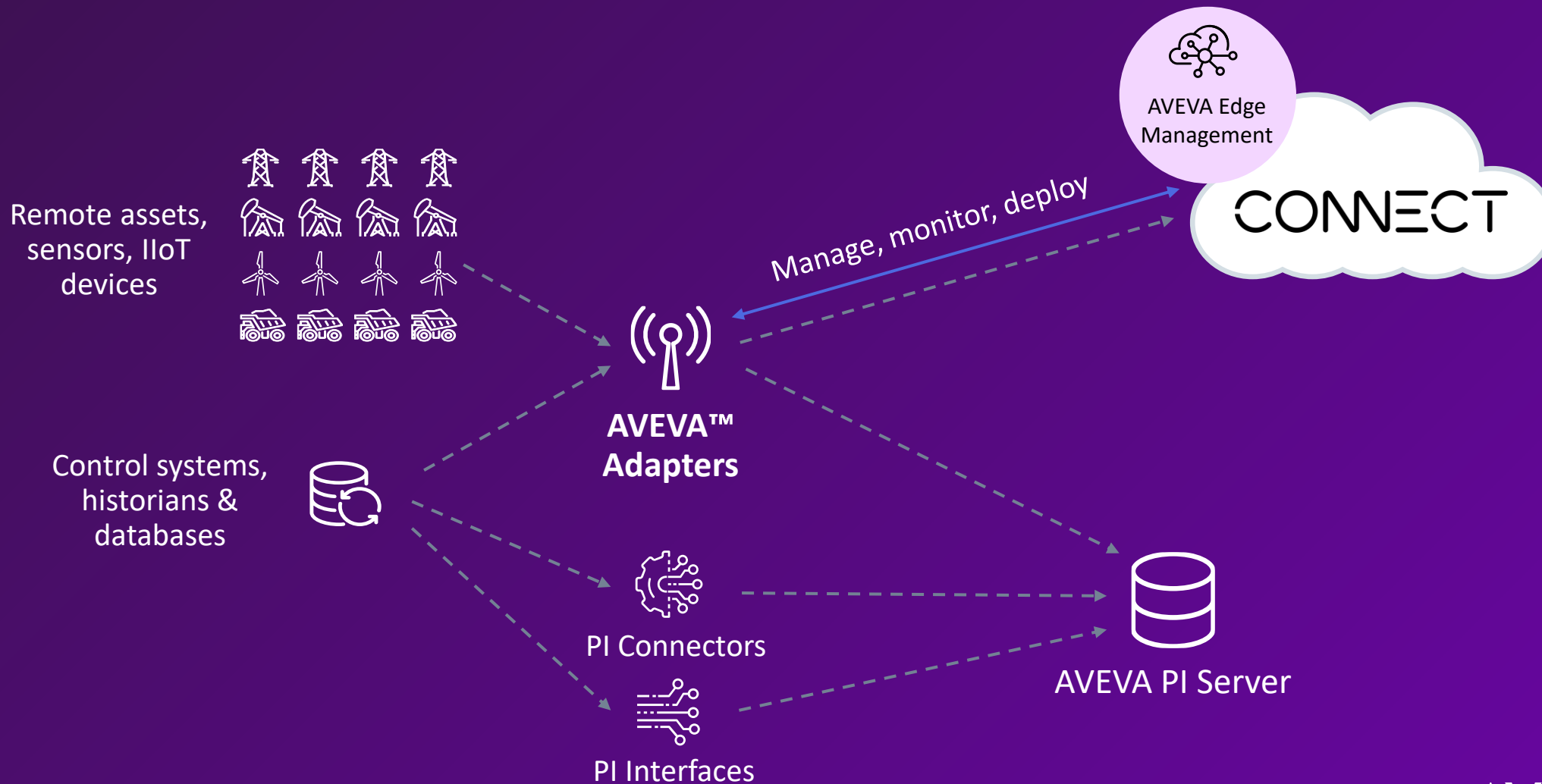
Anomaly Score
564.8

Alert Status
Normal



AVEVA

Powering operational intelligence across the enterprise



AVEVA Adapters: modern data connectivity for PI Data Infrastructure

Intuitively con

framework

Easy-to
graphi



Tomorrow, @9:30 am
Spotlight Theatre - Level 0

**AVEVA Adapter Configuration Utility
overview with DEMO**

Reduc

Instant
qu

Import/export to scale fast

ation

n & Diagnostics

Data Flow

OMF*
message
processor

Egress

OMF* Egress
Component

**Supports OMF 1.2 and OMF 2.0*



Enterprise-wide data replication at scale and performance

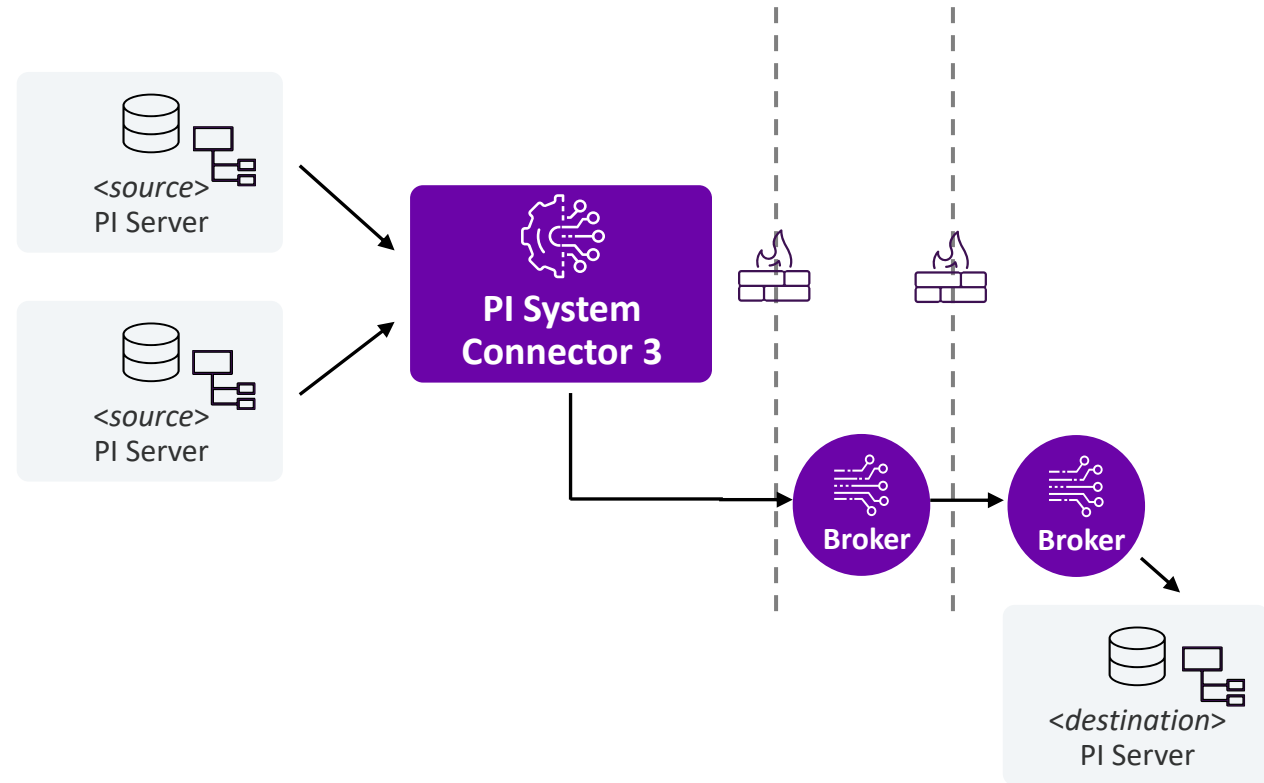
PI System Connector generation 3

**Simplified network design
when data crosses network
boundaries**

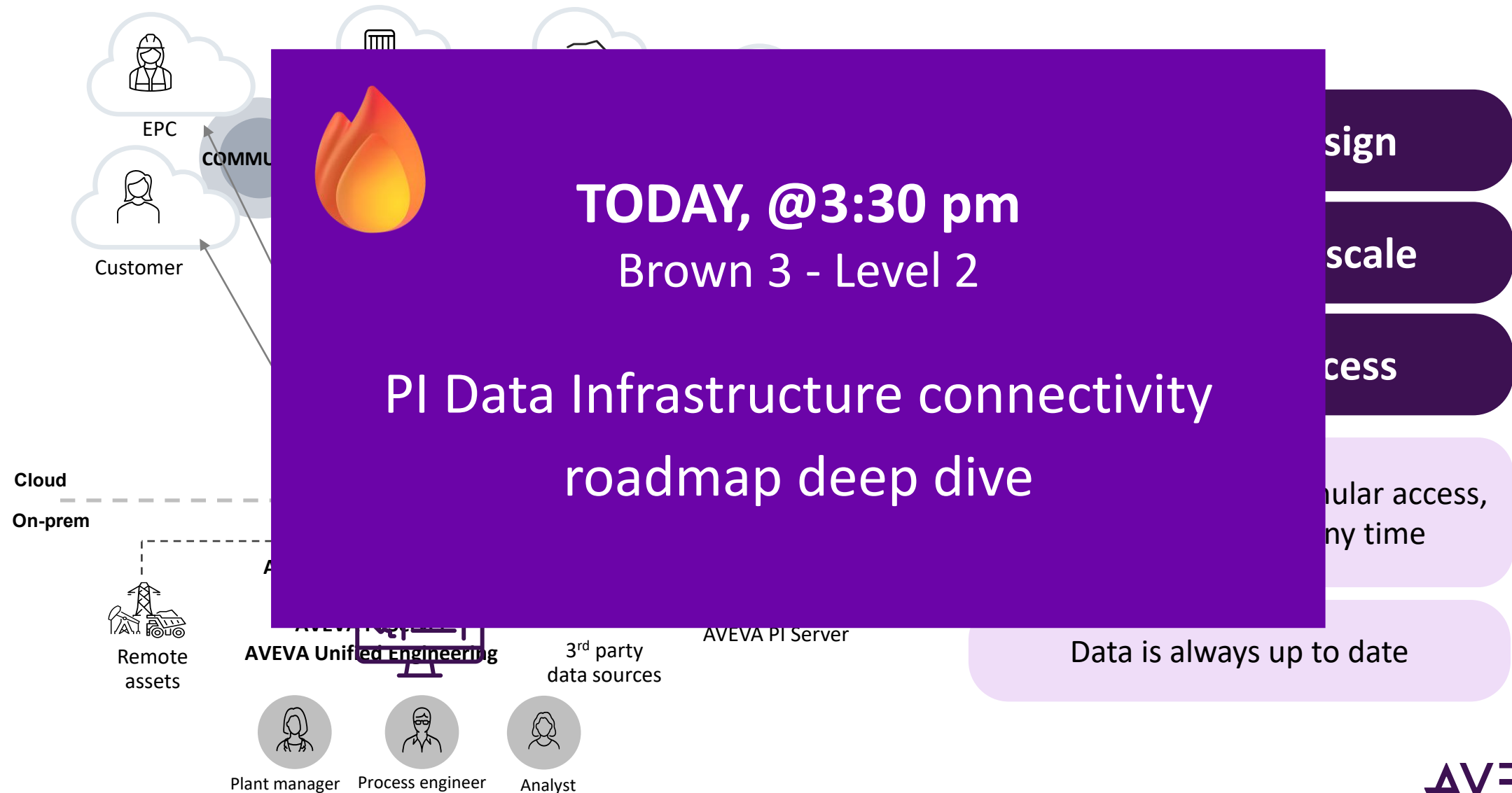
**New client-broker
architecture**

**Simpler UI, less configuration,
easier management**

**Guided migration
experience from Gen 2**



Industrial data sharing with trusted business partners



Secure and contextual data access

AVEVA PI OPC UA Server

Fast, modern

Move away from

Access time-series



Tomorrow, @10:30 am

Brown 3 - Level 2

**AVEVA PI OPC UA Server
deep dive with DEMOS**

A screenshot of the AVEVA PI OPC UA Server interface. It displays a table with two columns: 'Value' and 'Ref...'. The 'Value' column contains several rows of data, including paths like 'VAZEJWCOSTPIDF/Chemicals - CO/Enterprise/Continuous Chemicals/Chicago/Line...' and 'CO/Enterprise/Continuous Chemicals/Chicago/Line 1/Line 1 HX 1/Cold Side - Inlet T...'. The 'Ref...' column contains a series of expandable/collapsible icons (triangles). The interface also shows a 'Filter' button in the top right corner.

Value	Ref...
VAZEJWCOSTPIDF/Chemicals - CO/Enterprise/Continuous Chemicals/Chicago/Line...	▶
CO/Enterprise/Continuous Chemicals/Chicago/Line 1/Line 1 HX 1/Cold Side - Inlet T...	▶
CO/Enterprise/Continuous Chemicals/Chicago/Line 1/Line 1 HX 1/Cold Side - Inlet Te...	▶
tribute is not supported for the specified Node.	▶
tribute is not supported for the specified Node.	▶
tribute is not supported for the specified Node.	▶
tribute is not supported for the specified Node.	▶
tribute is not supported for the specified Node.	▶

AVEVA PI Data Infrastructure for the industrial operations win

AI-Driven Optimization

Visual Analysis



Predictive Analytics

Calculated Insights

Robust data foundation

AVEVA

Today

Expand the reach, scale and value of your operations data with AVEVA™ PI Server

@ 12:00 pm

Brown 3 - Level 2

AVEVA™ PI Vision™ roadmap: From self-service to strategic insight

@ 12:45 pm

Brown 3 - Level 2

Weaving a resilient AVEVA connectivity fabric to support every data user

@ 3:30 pm

Brown 3 - Level 2

How AVEVA™ PI Data Infrastructure has accelerated analytics insight

@ 4:15 pm

Brown 3 - Level 2

Tomorrow

User-friendly AVEVA Adapter configuration

@ 9:30 am

Spotlight Theatre - Level 0

Accessing your AVEVA PI Server through OPC UA

@ 10:30 am

Brown 3 - Level 2

Supporting expanding needs with AVEVA™ PI Vision™ 2025

@ 11:15 am

Brown 3 - Level 2

BREAKOUTS & ROUNDTABLES

(Repeat) Your Workflow, Your Voice: Prioritizing AI for AVEVA PI System & AVEVA Operations Control

AVEVA Discussion Group

Options @ 1:45 pm & 2:45 pm

Amber 5 - Level 2 - "The Hive"

Roundtable (Hive & Hub)

AVEVA

Today

Vale: Unlocking Operational Intelligence – Integrating operations centers to drive digital transform

Industrial intelligence at scale

@ 12:45 pm

Brown 2 – Level 2

Methanex: Manufacturing AI Agent – From Data Access to Data Delivery

Agentic AI with governance

@ 4:15 pm

Amber 3 – Level 2

Tomorrow

Ansaldo Energia: Standardizing Asset Intelligence for Predictive Maintenance at Scale

Asset-based analytics at scale

@ 9:45 am

Amber 3 - Level 2

Norsk Hydro: Brazilian Bauxite Mining: Advanced Asset Management with PI System, ML, and AI

AI on trusted PI System data

@ 11:15 am

Amber 4 - Level 2



**CUSTOMER
SESSIONS**

Visit Us!

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

Transform real-time data into actionable information with AVEVA PI Server

AVEVA PI Data Infrastructure

AVEVA PI Server

Visualize your operations data with AVEVA PI Vision

AVEVA PI Data Infrastructure

AVEVA PI Vision

OT + IT data connectivity, securely between on-premises and cloud systems

Connectivity

Enterprise data integration

Databricks, Snowflake



Mana Afshari, PhD

Vice President, AVEVA PI System Portfolio

- AVEVA
- mana.afshari@aveva.com



AVEVA

Questions?



Please wait for the microphone.
State your name and company.

Please remember to...

Navigate to this session in the
mobile app to complete the survey.

Visit us at **PI Server** and **PI Vision** booths!

Thank you!

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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.

Named as one of the world's most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. The company is headquartered in Cambridge, UK.

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