



AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

AVEVA WORLD MILAN, MAY 2026

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

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AVEVA WORLD MILAN, MAY 2026

Agenda

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

Allianz MiCo
Milano

PI Vision overview and strategy

PI Data Infrastructure overview

PI Vision 2025 release highlights

PI Vision 2026 preview

Recap

AVEVA PI Vision



Major themes of AVEVA PI Vision

Expand the **reach** of operations data
and support **hybrid** PI System capabilities



amazon
RDS

End user and display builder visualization needs focused on
process monitoring, data exploration, and analysis use cases



Admin needs focused on display and folder
manageability, scale, and lower total cost of ownership



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

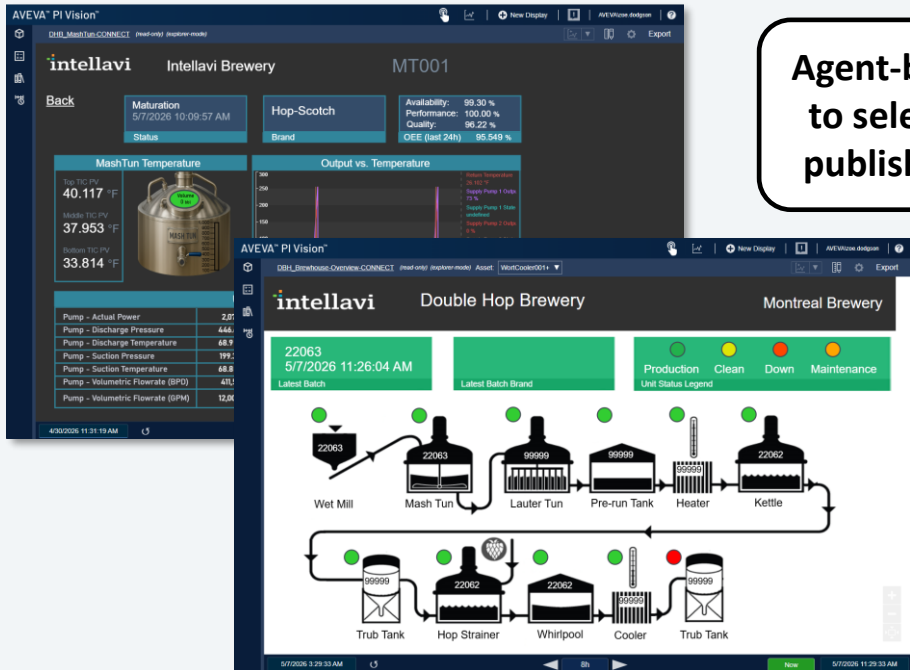
View PI Vision displays in CONNECT

Publish your on-premises PI Vision displays to CONNECT

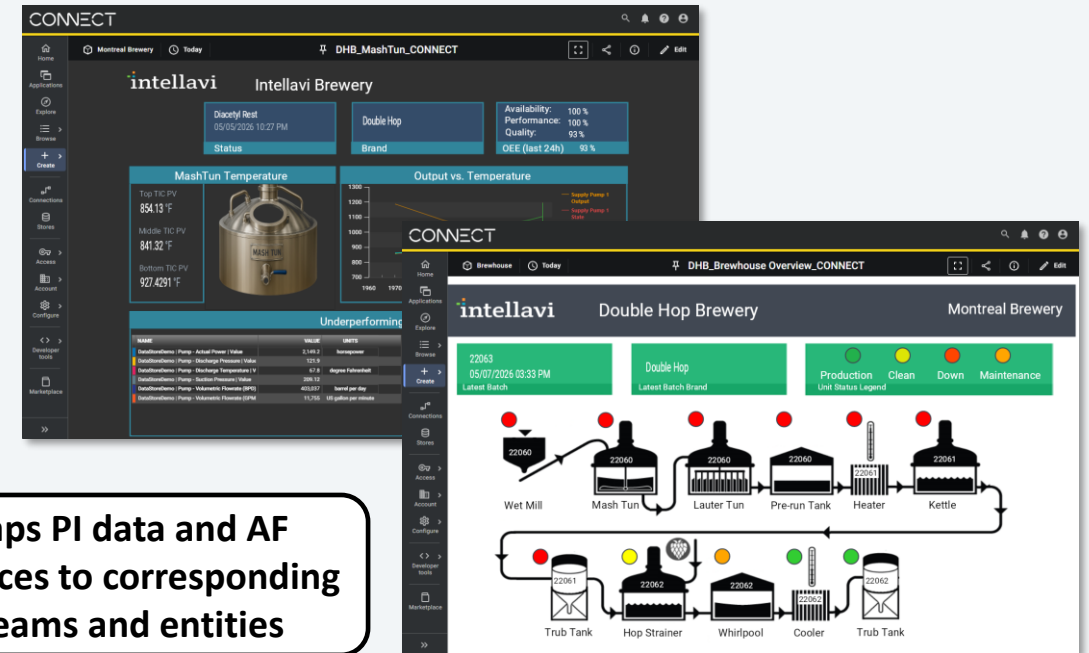
AVEVA PI Vision



CONNECT



Agent-based architecture
to select, evaluate, and
publish displays at scale



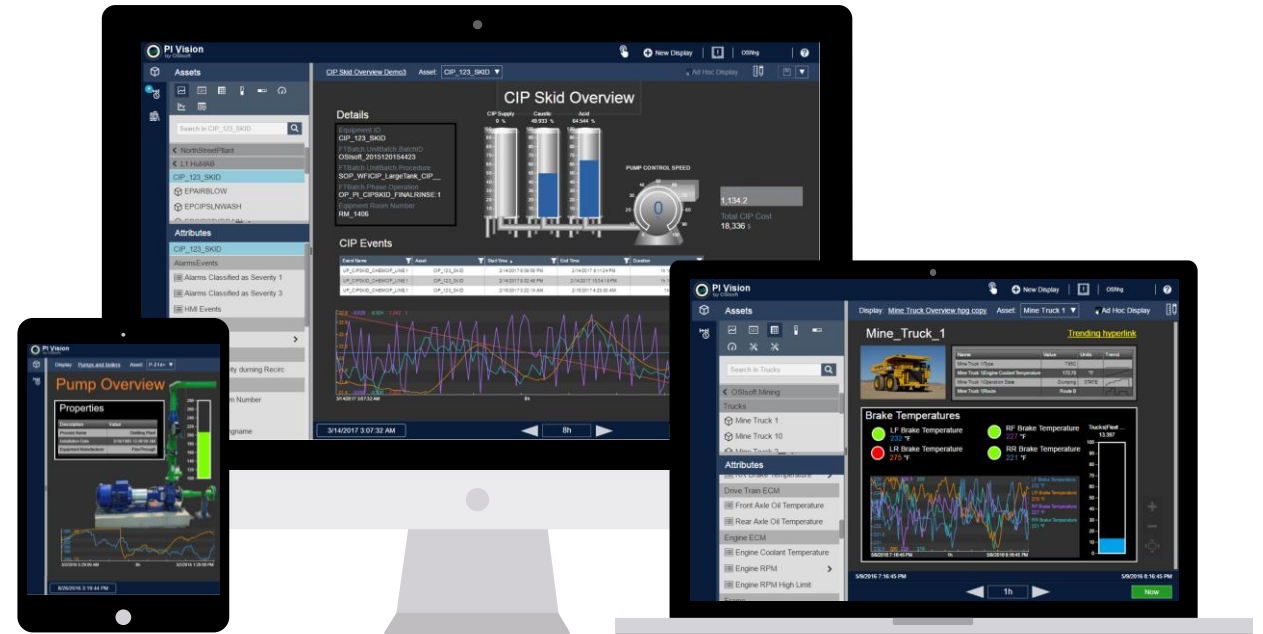
Publishing maps PI data and AF
attribute references to corresponding
CONNECT streams and entities

AVEVA PI Vision 2025



Released December 2025

- Cloud SQL support
- Collection sorting enhancements
- Ad hoc workspace improvements
- Tooltip configuration
- Trend and table symbol enhancements
- ...and much more!



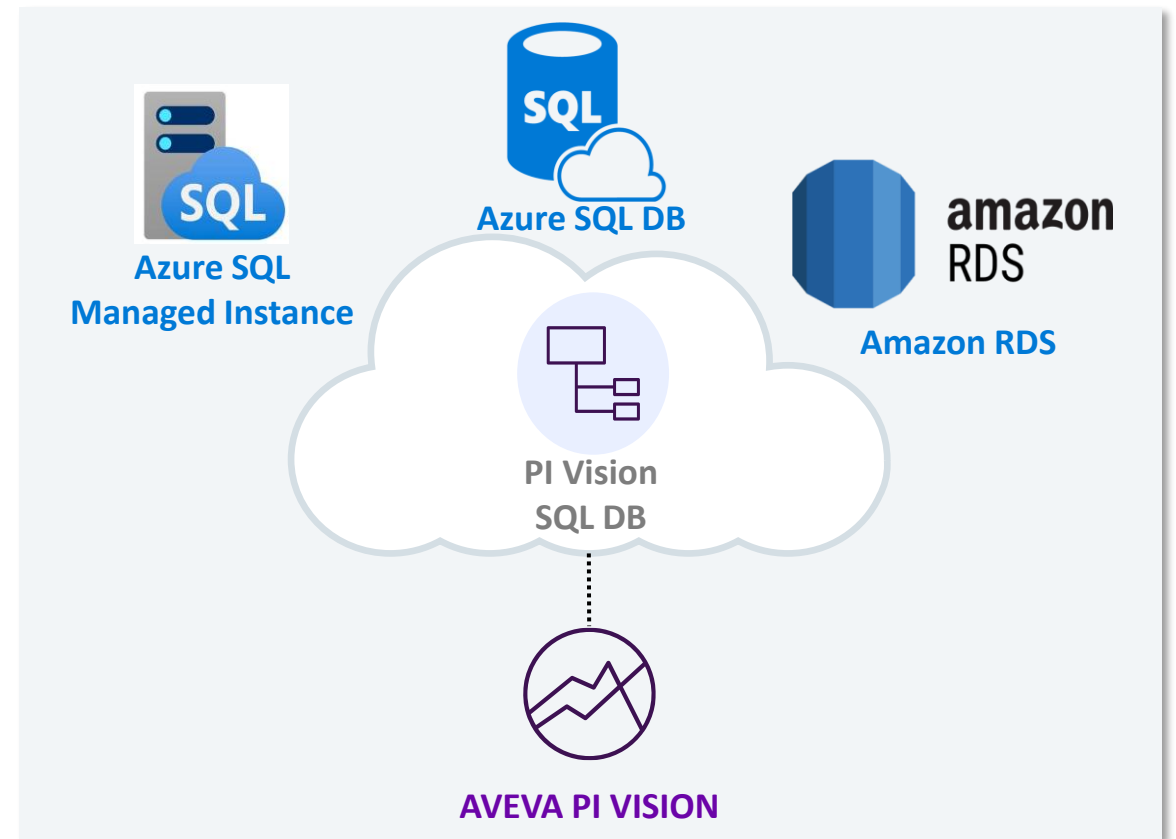
PI Vision 2025 addresses **20+ enhancement requests** totaling **2000+ votes** across the AVEVA Feedback Portal

Hybrid infrastructure options

2025 Features: 1 of 6

Leverage cloud-managed SQL

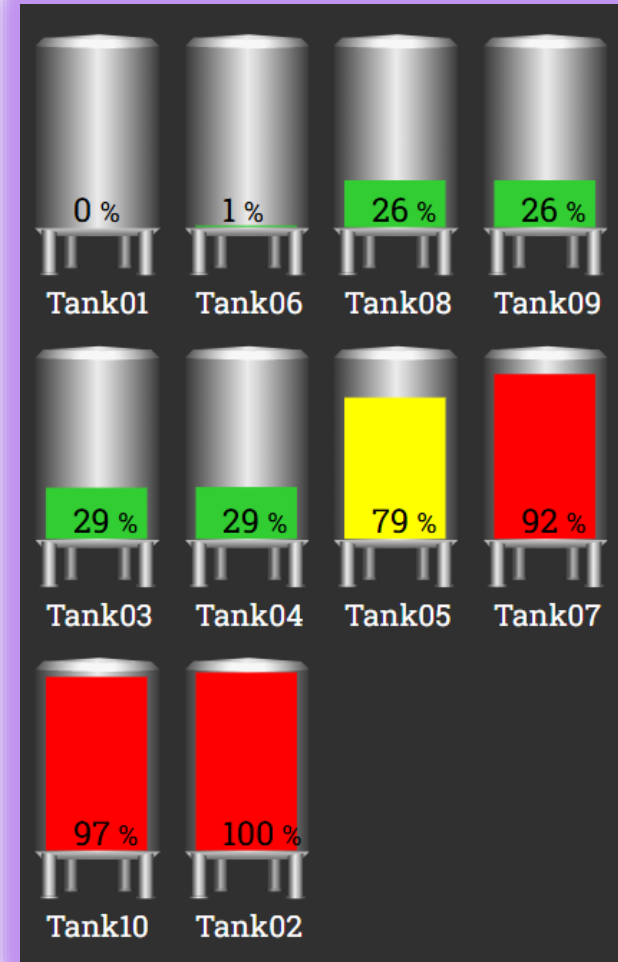
- Support for Azure SQL DB, Azure SQL Managed Instance, Amazon RDS
- **Standardize** SQL workloads on your cloud provider
- Reduce admin overhead so staff can **focus** on operations data **value**
- Ease cloud migration and **offload SQL admin tasks**
- **Lower costs** from IT overhead and on-demand usage with more automation



View assets in priority order

Collections enhancements

- Sort collections on **any available attribute** from asset type
- View most critical assets **in priority order**



2025 Features: 2 of 6

Edit Collection Criteria ▼

► Database CSPI PI Big Tire Co

► Search Root Montreal

► Asset Name d

▼ Asset Type Selected

Asset Type
PressTemplate ▼

Asset Attribute
+

► Asset Category

► Number of Results 16

▼ Asset Order Ascending

Sort Field
Asset Name ▼

☒ Ascending
☐ Descending

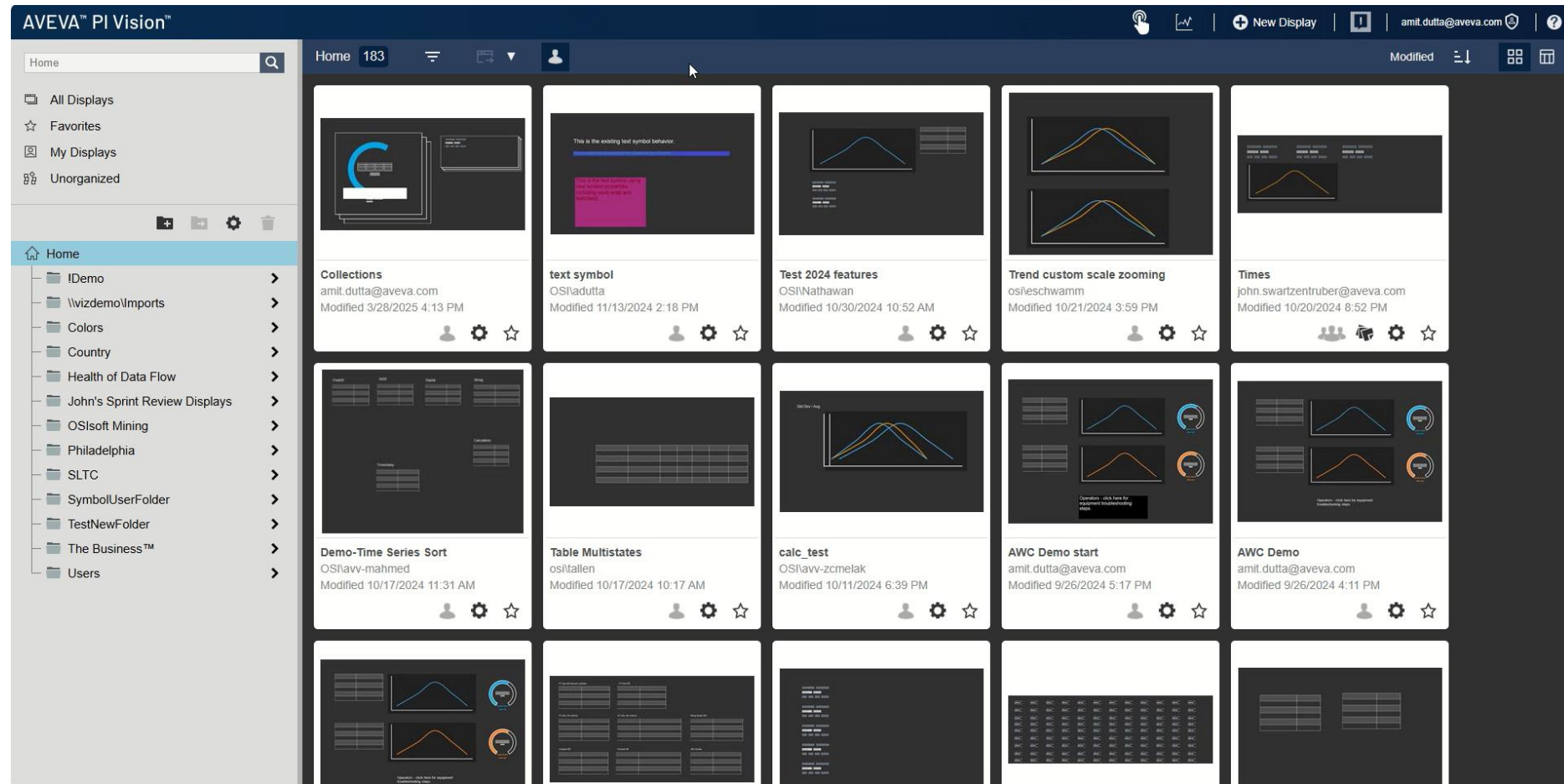
Refresh

The quickest way to explore your data

2025 Features: 3 of 6

Ad hoc workspace enhancements

- Application-level access
- Search pane directly available
- Direct URL navigation to workspace
- URL parameter support for data items and time ranges



Data item details

Directly in AVEVA PI Vision

- Easily **view data item details**
 - *Example:* underlying PI point data reference and tag properties
- Easily **copy and paste** to AVEVA™ PI DataLink™ and other applications

AVEVA™ PI Vision™

Power Generation - Wind - Turbine S... Asset: Windtopia+ ▾

Windtopia

Turbine Schematic

Change Context: GE01 GE02 GE03

Serial Number M0000000
Manufacturer Truvalle
Model T95-2MW
Gearbox Type WindEnergy

Temperature

Bearing A	9.1 °C
Bearing B	8.6 °C
Bearing Shaft	2.1 °C

Blade 1 Pitch 88
Blade 2 Pitch 88
Blade 3 Pitch 88

5/8/2026 4:41:06 AM

Data Item Details ▾

GE05|Gearbox Bearing Temperature

Item type	Attribute (PI Point)
Asset	GE05
Attribute	Gearbox Bearing Temperature
Description	Turbine 05 Gear Box Bearing Temp.-OCSDemo
Path	\\DFPIAFSERVERPRD\Power Generation\Windtopia\Black Mesa Wind Farm\GE05 Gearbox Bearing Temperature
Tag server	DFPIServerPrd.osisoft.txt
Tag name	GE05_T_GEAR_BEAR
Location 1	1
Location 2	0
Location 3	0
Location 4	2
Point class	classic
Point source	88

New Display | OSRadutta | ?

Data Item Details ▾

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Tag server	DFPIServerPrd.osisoft.txt
Tag name	GE05_T_GEAR_BEAR

Nacelle

Nacelle Position	283.0 °
Hydraulic Pressure	62.0 bar
Nacelle Temperature	3.8 °C
Oil Heater Temp.	5.6 °C

Generators

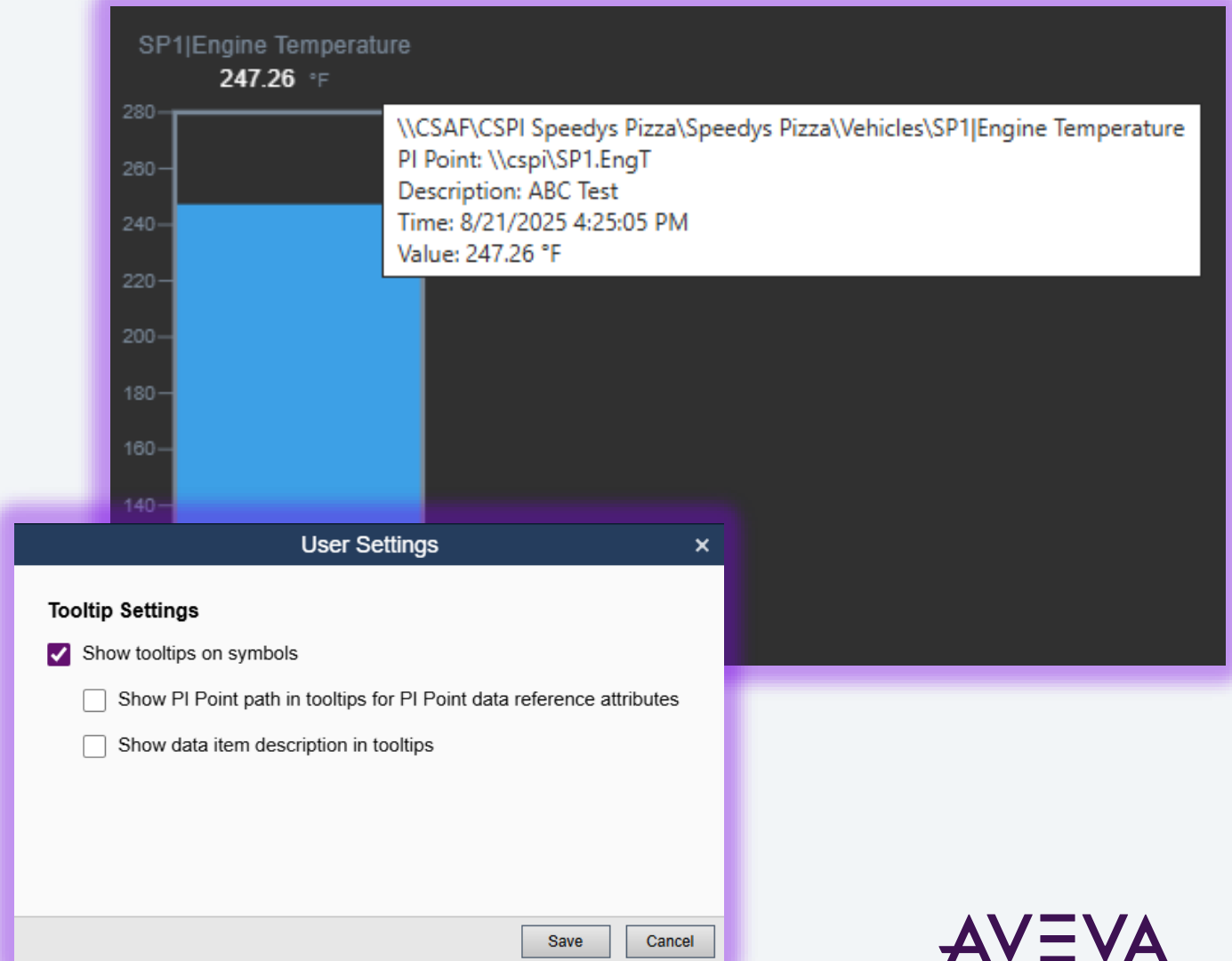
Gen 1 Temperature	14.2 °C
Gen 2 Temperature	14.2 °C
Cooling Air Temperature	9.2 °C
Overheat Alarm	

Now 5/8/2026 12:41:06 PM

New tooltip configuration

2025 Features: 5 of 6

- Customize your tooltip experience
 - Enable/disable tooltips
 - Show or hide descriptions
 - Display PI point path information

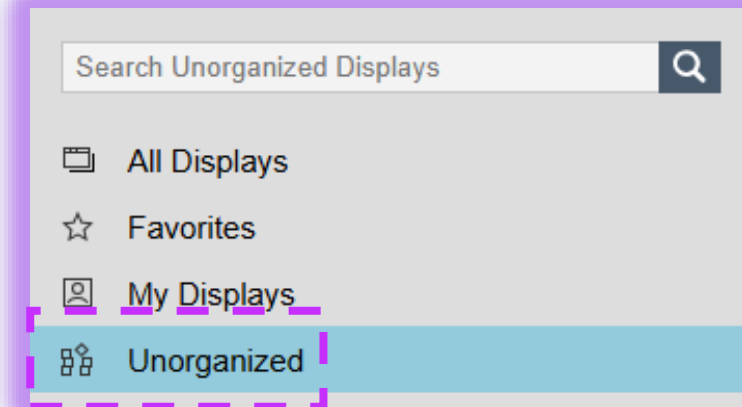
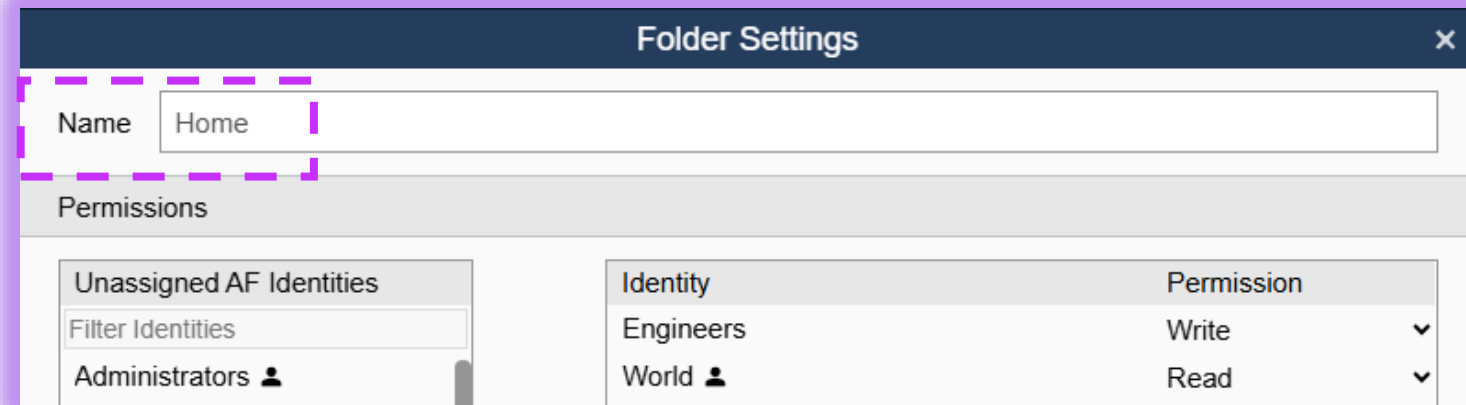


Curated Home folder

2025 Features: 6 of 6

Home folder permission configuration

- Home folder:
 - Control read and write permissions
 - Manage what end users see in it
- Unorganized displays: a new category not parented in a folder or home



AVEVA PI Vision 2026

Estimate: Q4 2026

Feature highlights of the upcoming release

- New data entry symbol
- Improved trend analysis
 - Summary statistics between cursors
 - Precise cursor control
- Data quality visualization
- Display revision history
- Audit display changes

PI Vision 2026 will address **6+ enhancement requests** totaling **1700+ votes** across the AVEVA Feedback Portal



Data entry symbol

2026 Features: 1 of 5

✓	Name	Description	Time	Value	Units	New Time	New Value
✓	HOU.Press.01 OEE Metrics_Performance		5/8/2026 11:12:04 AM	55		*  	55 
✓	HOU.Press.01 OEE Metrics_Quality		5/8/2026 11:12:04 AM	90		*  	90 
✓	HOU.Press.01 Pressure	Internal Pressure	5/8/2026 11:12:04 AM	120	psi	*  	120 
✓	HOU.Press.01 Production Rate	Production Rate	5/8/2026 11:12:04 AM	4	Tires/hour	*  	4 
✓	HOU.Press.01 Production Target	Production Target	5/8/2026 11:12:51 AM	11		*  	11 
✓	HOU.Press.01 Reference Type	Reference Type in producti	5/8/2026 11:12:04 AM	Truck		*  	Truck 

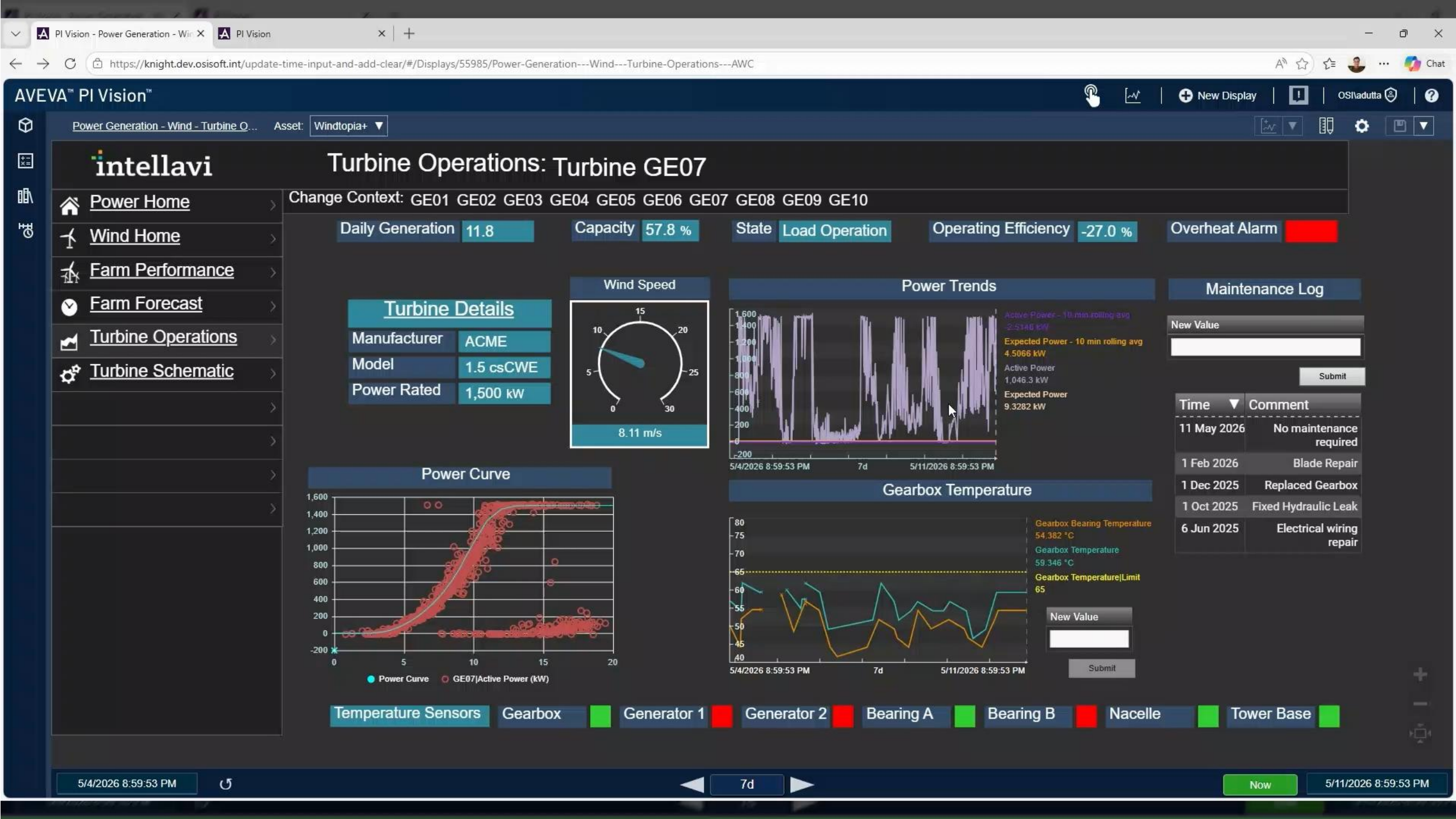
Submit

Features

- **Write values** to PI tags and AF attributes from PI Vision
- Simultaneously input values for **multiple attributes or tags** — the symbol updates with the display's current asset context
- Strict enforcement of existing data permissions while allowing additional symbol access to specific identities
- **Extensibility** updates for writeback to support custom needs

Benefits

- Capture comments, update business set points, change states, and adjust limits **directly in PI Vision**
- No need to jump to other applications like PI SMT, Excel spreadsheets, and custom applications



Trend enhancements

2026 Features: 2 of 5

Features

- Ad hoc workspace and pop-up trends enhanced to support **summary statistics between cursors**
- **Fine tune control** of cursor placement with keyboard arrow support in all trends

Benefits

- **Faster** investigation and decision-making



Data status flags

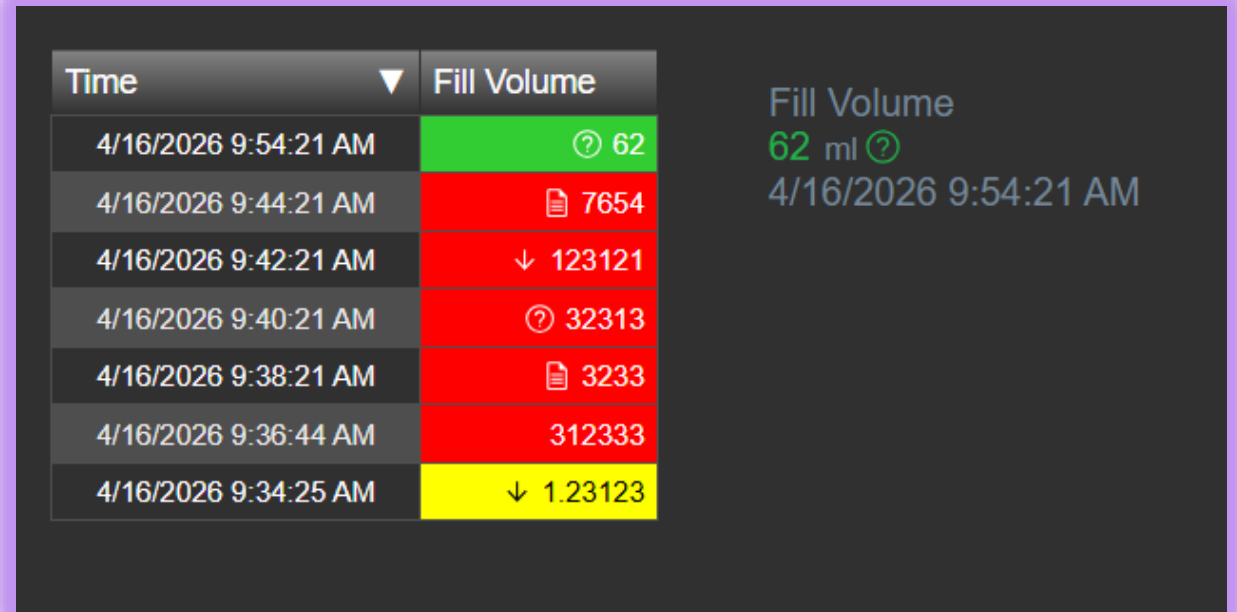
2026 Features: 3 of 5

Features

- Status indicators **integrated across PI Vision symbols**, including trends, gauges, and tables
- Hovering over symbols reveal tooltips showing status
- Trends display status indicators above affected timestamps and next to values in the legend

Benefits

- Data quality and context **at a glance** to base operations decisions on reliable information
- Quickly **pinpoint when and where** data anomalies occurred without leaving PI Vision



Time ▼	Fill Volume
4/16/2026 9:54:21 AM	62 ?
4/16/2026 9:44:21 AM	7654
4/16/2026 9:42:21 AM	↓ 123121
4/16/2026 9:40:21 AM	? 32313
4/16/2026 9:38:21 AM	3233
4/16/2026 9:36:44 AM	312333
4/16/2026 9:34:25 AM	↓ 1.23123

Fill Volume
62 ml ?
4/16/2026 9:54:21 AM

Revision history

2026 Features: 4 of 5

Features

- When display is modified and saved, a new revision is **automatically created**
- With Read access, view display changes timeline—**who made the change, when**
- Open read-only preview of a past revision to inspect historical configurations
- With Manage access, **restore** a display to a **previous state**
- When saving changes, optionally add description **explaining why**

Benefits

- **Peace of mind**, knowing you can roll back unintended modifications
- Transparent audit trail of changes and comments **for each revision**



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Audit display changes

2026 Features: 5 of 5

Features

- **Records actions** on displays and folders (creation, modification, renaming, moving, deletion, and permissions changes)
- Captures change's timestamp, user, and affected display/folder
- On PI Vision Admin site:
 - Access via site page and export logs for specific date range
 - Enable/disable feature system-wide or delete logs prior to a date



Benefits

- Full admin visibility into user actions across PI Vision server to easily **track down unintended modifications**
- Documents exactly **who changed what and when** across PI Vision displays and folders

Recap

PI Vision strategy and themes

Expand the **reach** of operations data
and support **hybrid** PI System capabilities



End user and display builder visualization needs focused on
process monitoring, data exploration, and analysis use cases



Admin needs focused on display and folder
manageability, scale, and lower total cost of ownership



YOU shape our roadmap

AVEVA PI System Feedback Portal is your platform to tell us what you want, and we have been listening!

AVEVA PI Vision 2025 includes **20+ new enhancements** based on **2000+ votes** from AVEVA PI System Feedback Portal.



<https://feedback.aveva.com>

Let us know your product feedback!

Sessions of Interest – Day 2, May 20th

Weaving a resilient AVEVA connectivity fabric to support every data user

Industrial data connectivity

@ 3:30 pm

Brown 3 - Level 2

How AVEVA™ PI Data Infrastructure has accelerated analytics insight

High-performance analytics

@ 4:15 pm

Brown 3 - Level 2

Beyond the data stream: Compounding AVEVA PI System value with complementary AVEVA solutions

Increasing value of PI System data

@ 5:00 pm

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)

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Sessions of Interest – Day 3, May 21st

Visualizing Data with CONNECT: Industrial Awareness at Scale

Publish PI Vision displays to CONNECT

@ 9:45 am

Brown 2 – Level 2

Accessing your AVEVA PI Server through OPC UA

AVEVA PI OPC UA Server

@ 10:30 am

Brown 3 - Level 2

Supporting expanding needs with AVEVA™ PI Vision™ 2025

AVEVA PI Vision deep-dive

@ 11:15 am

Brown 3 - Level 2



BREAKOUTS



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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



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- AVEVA
- Amit.Dutta@aveva.com



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 @*Visualize your operations data*
with AVEVA PI Vision booth

Thank you!

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Exciting, modern &
engaging experience

5 key zones: CONNECT, operate &
optimize, design & build, industrial
sustainability, experiential zone
(hands-on activities)

45+ sponsor and exhibitor booths

CONNECT ecosystem partner kiosk

Partner solution sessions

Lightning Zone sessions

Guided tours by industry

Game and leisure areas



INNOVATION
ZONE

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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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