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Empowering Insights by bringing Operations and Engineering Information together

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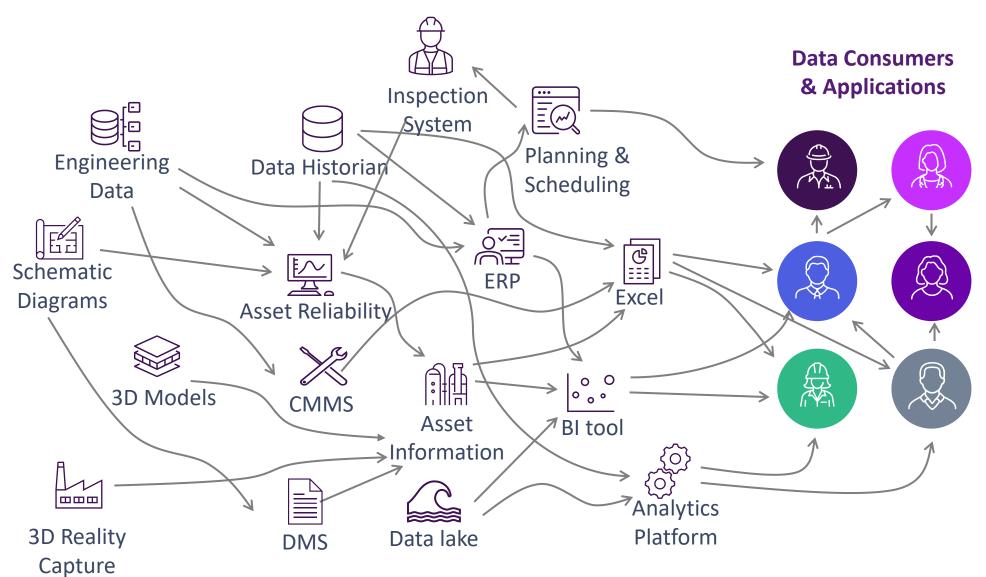
AVEVA 3D Visualization and XR

Bringing Operations and Engineering Together

Demo



Digital Twin - The Challenge





AVEVA™ Asset Information Management

At a glance

AVEVA Engineering Information Management SaaS solutions provides a continuously evolving single source of truth across the asset life cycle for universal access to engineering and asset information. Enabled by an enterprise data governance to ensure compliance, consistency and completeness, the Digital Twin provides a standardized view of your data to get actionable and contextualized information for faster and reliable decisions bridging the gap between engineering and operation. The solution also provisions the capability to offer best-in-class engineering and design tools to create and maintain the digital twin in a hybrid or SaaS architecture.





Engineering efficiency and transparency



Creation and evergreen the digital twin platform for operation and maintenance



Data governance, quality and completion



Improve handover and operational readiness



Scalable using SaaS/hybrid architecture



Reduce unplanned downtime, risk and maintenance cost, and drive carbon efficiency

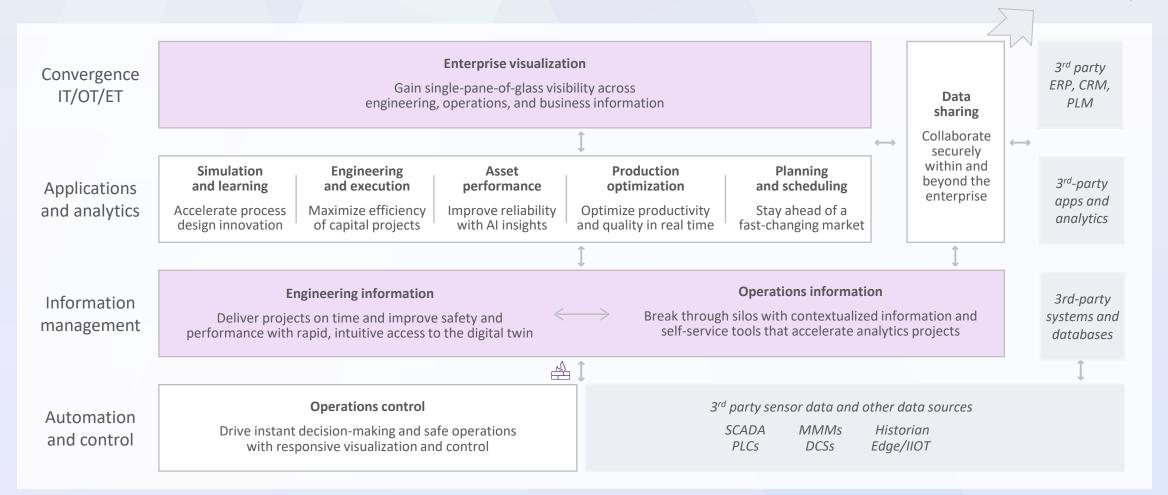


Quick access to data in context



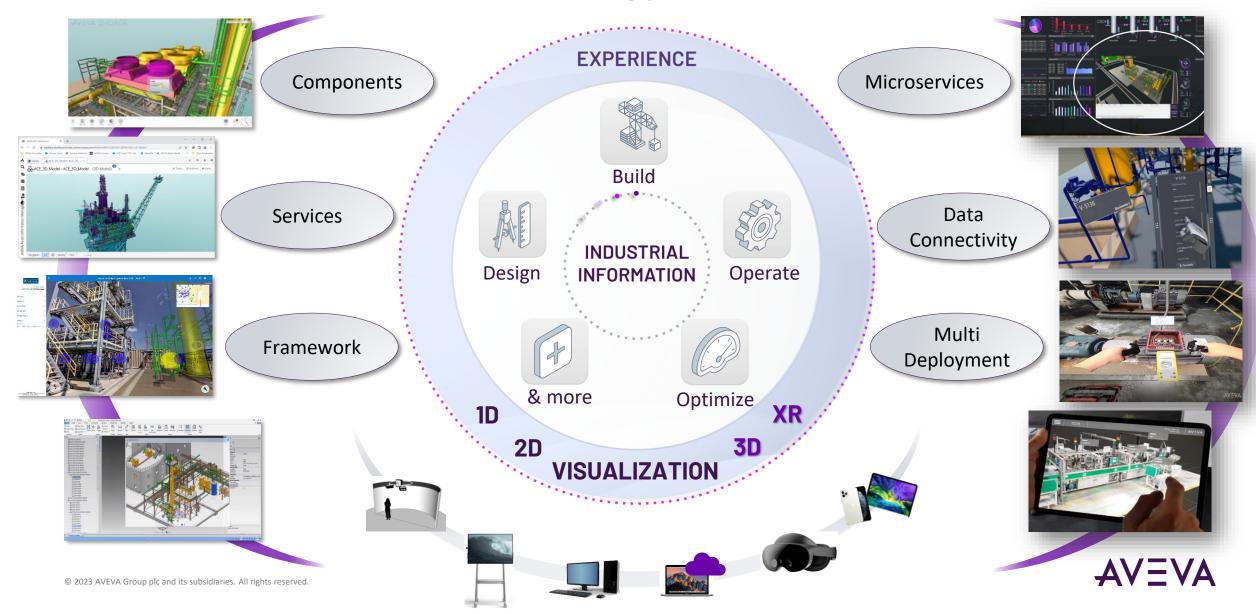
Leverage a holistic portfolio purpose-built for industry

Connected industrial economy

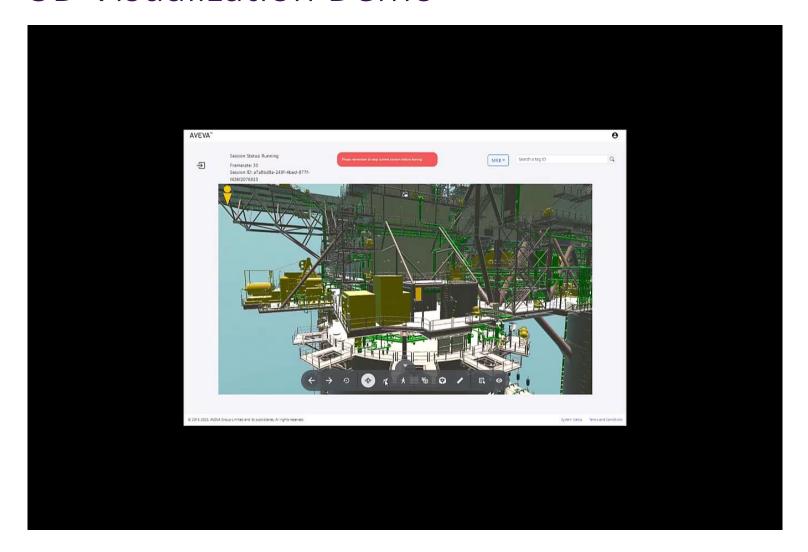




3D Visualization & XR Technology



3D Visualization Demo





AVEVA's Connect Visualization Experience - Strategy

Contextualized Engagement with the Digital Thread

Key Concepts Aligning Siloed Industrial Data thru AVEVA Data Hub



Visualization Integration/ One Pane of Glass



Ability to Assemble Lenses Experiences



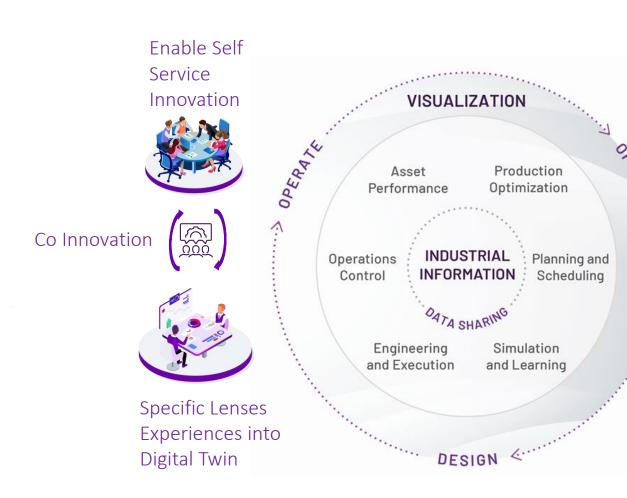
Domain Application Composer



Contextualized Co-Innovation Teams



Content/ Application Management Service Across the Enterprise



Supporting virtual competency teams



Experts are remote and must be experts of plants they have not visited



360 Degree View

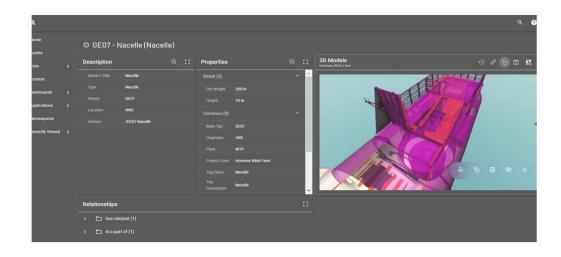
Operational data on asset, process "What is happening? And what happened?"

"What has been made on the asset? When was it made? Shift details?"

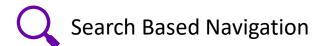
3D Model (PCM) of "As deployed"
"What is the physical asset layout / construction?"

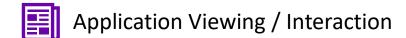
Engineering /
asset information
"What details on manufacturer
of asset, specs, maintenance
history, etc."

AVEVA Connect Visualization Capabilities

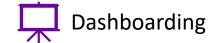












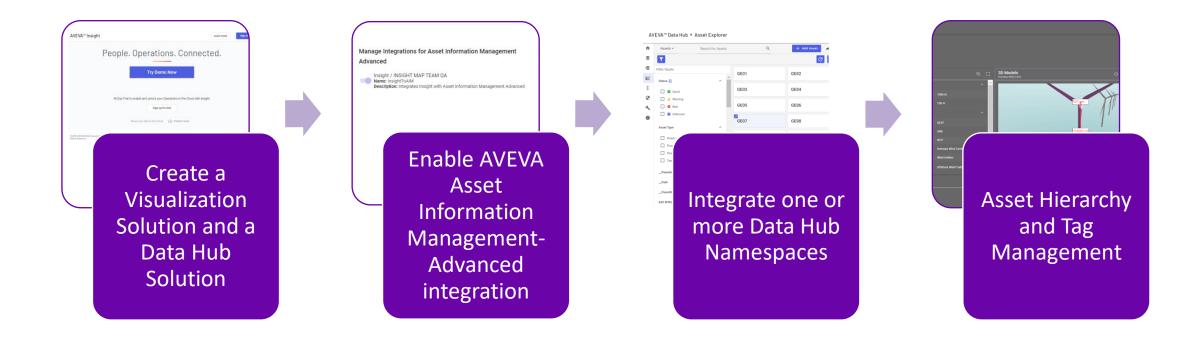


Mobile Capabilities



Bringing real-time data into view in AVEVA Connect Visualization

How to integrate AVEVA Asset Information Management-Advanced



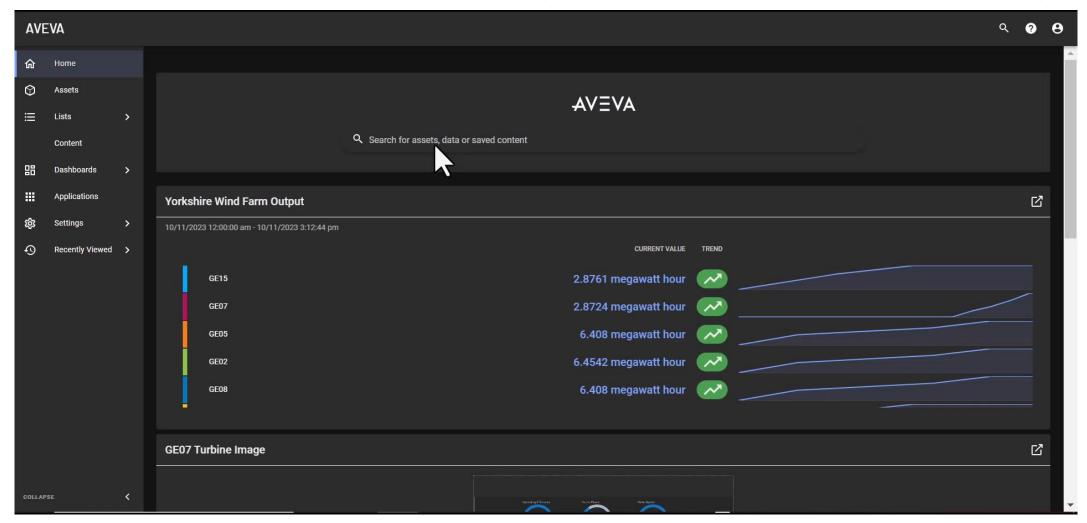


Demo – Using Applications for a custom lens to the digital twin



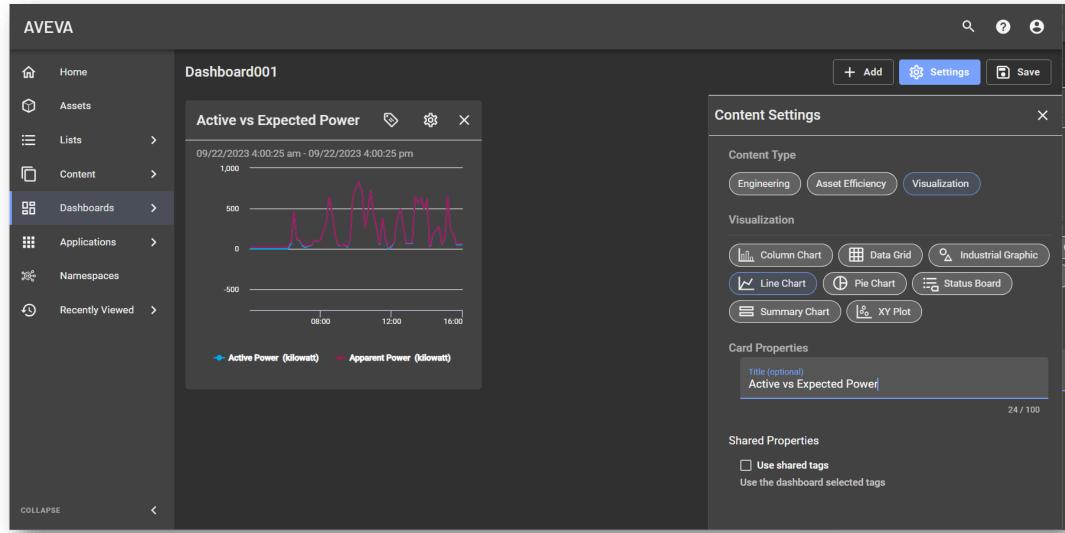


Demo – Self Service capability for collaboration and analysis

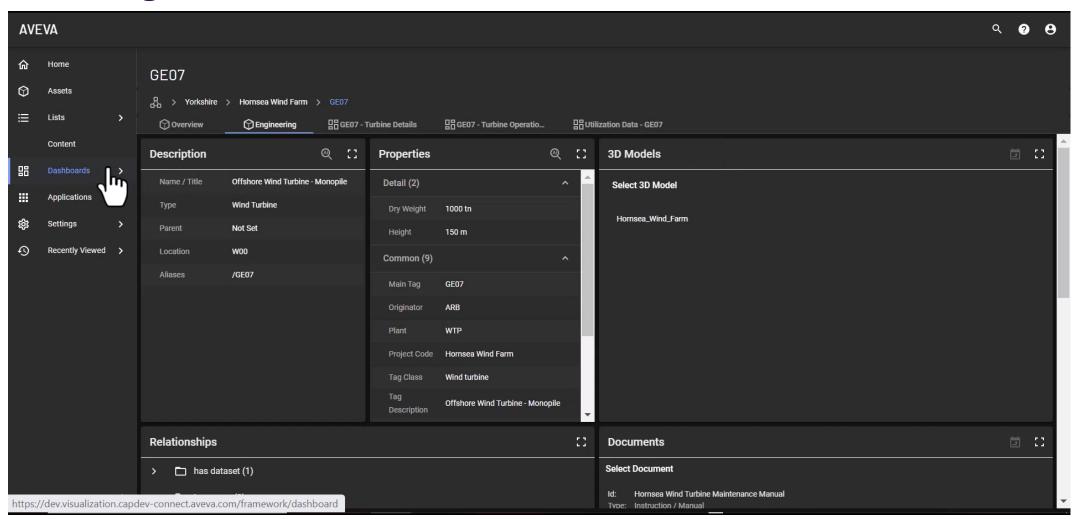




Creating Dashboards

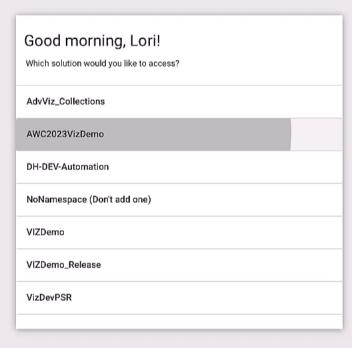


Creating Dashboards Demo





Mobile Capabilities





Release Plans

AVEVA Connect Visualization/ AVEVA Asset Information Management-Advanced Integration

Lighthouse Release 1Q 2024

- Initial Feature set
 - Search
 - Asset / Summary View
 - Document 2D / 3D
 - Self Service Dashboards
 - 2D Document Mark up
 - Power BI Reports
 - Content Card
 - Browse
 - Point Cloud Viewer
 - Mobile Compatible

General Availability 4Q 2024

- Selection Sets
- Enhanced 3D Capabilities
- Custom Query / Advanced
 Search
- Printing

Continuous Release Process

- Feature Enhancements
- Enhanced Document Viewer



Takeaways

How AVEVA solves the Digital Twin Data Problem

- AVEVA Asset Information Management Advanced is your Cloud Hosted solution for consolidating, organizing, contextualizing and collaborating on your information.
- AVEVA 3D Visualization and XR offers an enhanced experience for viewing and interacting with your site.
- AVEVA Connect is our platform that ties everything together.
- AVEVA Connect Visualization Services brings you access to all of your information in a single application for a 360 view of your information on any device.



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.





Thank you!

AVEVA



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