

OCTOBER 25, 2023

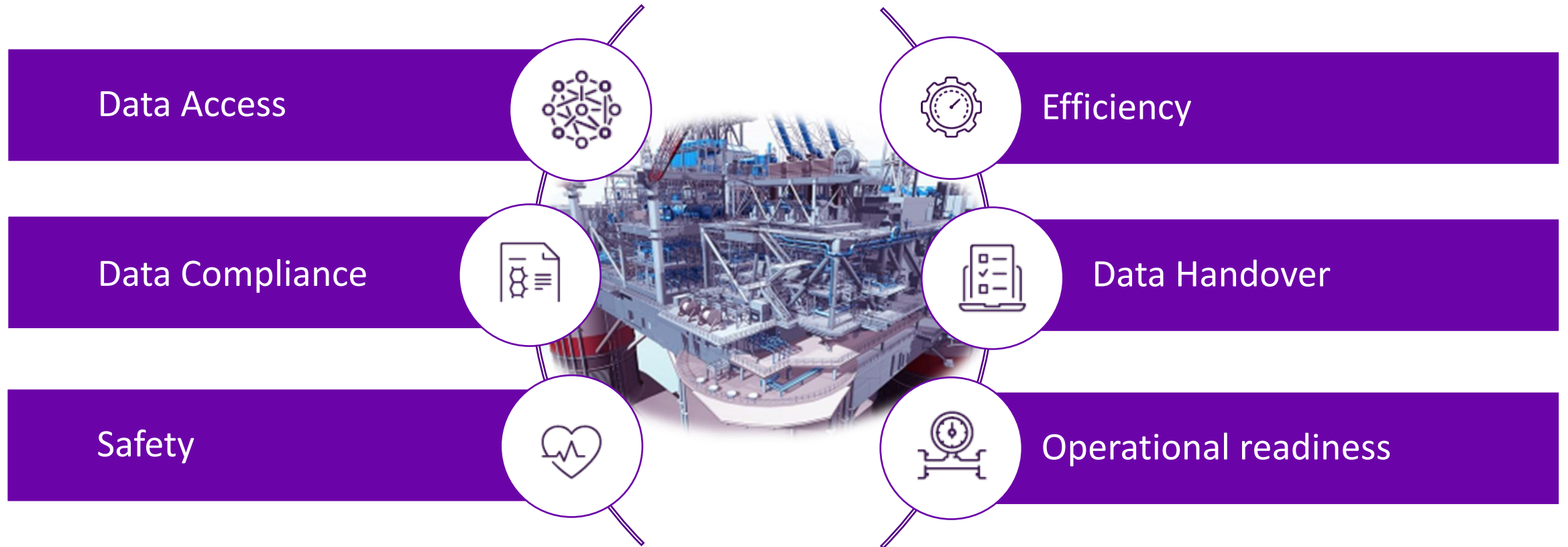
Revolutionizing Asset and Engineering Information Management

AVEVA's Path to Tomorrow

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AVEVA

Why do we need a good information management strategy?



Why is it difficult?



Data Quantity

More than 150 zettabytes, as in **150 trillion gigabytes** of data, will need analysis by 2025.¹



Unstructured Data

More than **95%** of businesses need to manage unstructured data.²



Poor data quality

Poor data quality is responsible for an average of **\$15 million per year** in losses.³



Lack of integration between system

10% to 30% reduction in engineering hours from developing a connected foundation.⁵



Lack of governance and standard

> 50% of organizations lacked a formal data governance framework and a dedicated budget to address the issue.⁴

Sources: 1. [Forbes](#) 2. [IBM](#) 3. [Forbes](#) 4. [Deloitte](#) 5. [Deloitte](#)

What do we need?

From Document centric approach ...



...To Data Centric approach



...harmonize data from many sources

- Ensure **interoperability**, and **accuracy** of data across different systems and organizations
- Map data to a **common** semantic understanding



...be able trust the data

- Create a baseline for **validation** of data to measure:
 - Data **completeness**
 - Data **compliance**
 - Data **consistency**



...enable consumption of data

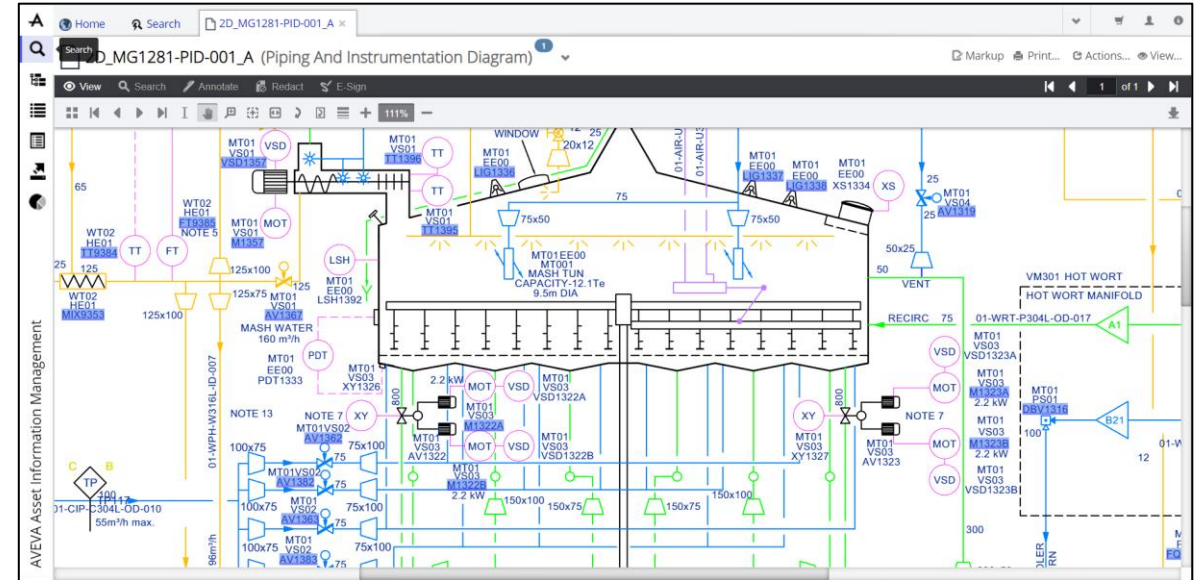
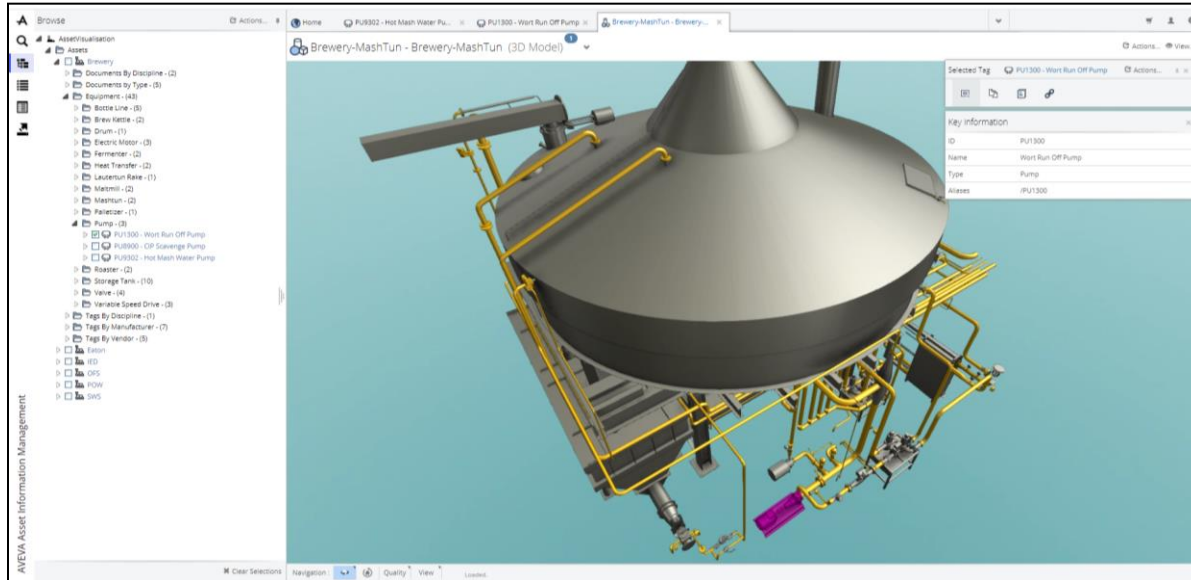
- **Shape** data for downstream consumers
- **Rapid** and **efficient** data retrieval via queries
- Provide **exactly** the right data (not too much/little and correctly named)



Information Standard

A set of rules and specifications that define how data should be **structured**, **formatted**, and **exchanged** within a specific **domain** or **industry**

AVEVA™ Asset Information Management



Eliminate data silos



Improve safety and compliance with data access



Gain the insights necessary for informed, good decision making



Save time and effort on finding and validating information



Empower teams to collaborate with a 360° view of data



Reduce costs and time to value with a cloud solution

AVEVA™ Asset Information Management - Strategic Pillars



Moving to full SaaS

Reducing the need for on premise component

- Document connector
- Integration of additional gateways to data pipeline

Tighter integration with AVEVA Products

- ISM
- Work Tasks
- PCM



Drive time to Value

Ease of Deployments

- Rationalized default data center

Ease of Maintenance

- Load reporting
- Pre-built content and ease of configuration
- Data Pipeline Improvement
- Documentation
- Gateway rationalization (1D/2D/3D)



Addressing Business need

User Access Control

- Context Access Control

System agnostic

- Navisworks Gateway support

3D Visualization

- New Cloud 3D service
- On premise version
- More Capabilities

Multi-portals Management (TBC)



Leveraging latest technology

Next Generation AIM UI

- Based on cloud native component
- Mobility Support
- Self Dashboarding

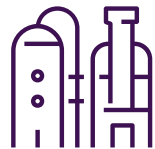
Moving to Multi-tenant

Migration to Postgres (TBC)

What's next?

STRATEGIC ROADMAP

Accelerate value creation from AVEVA and partner applications with an open and neutral industrial platform



Partner apps

AVEVA apps

In-house apps

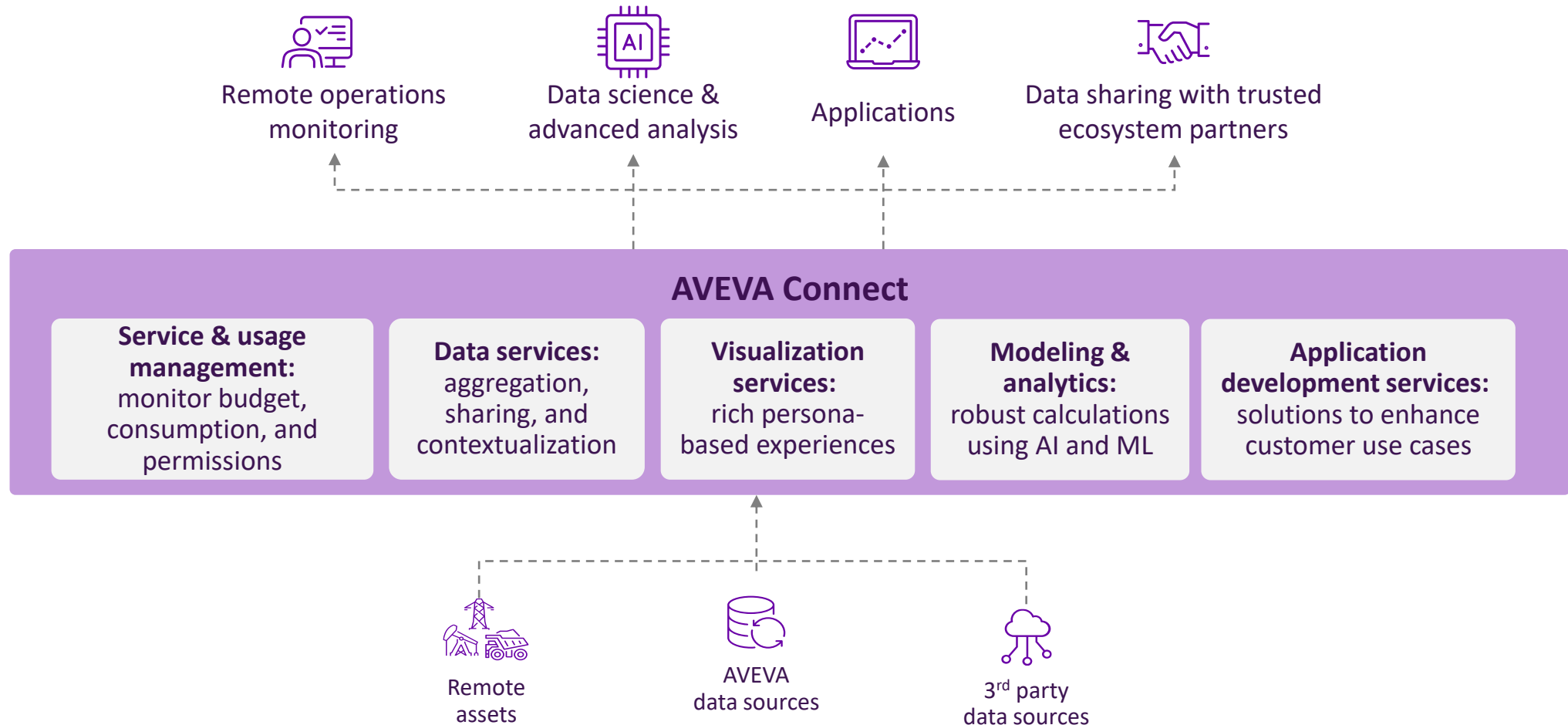
Connect platform services

- Data ecosystem (*AVEVA Data Hub*)
- Visualization (*Connect visualization services*)
- Modeling & analytics
- Application enablement *& more to come*

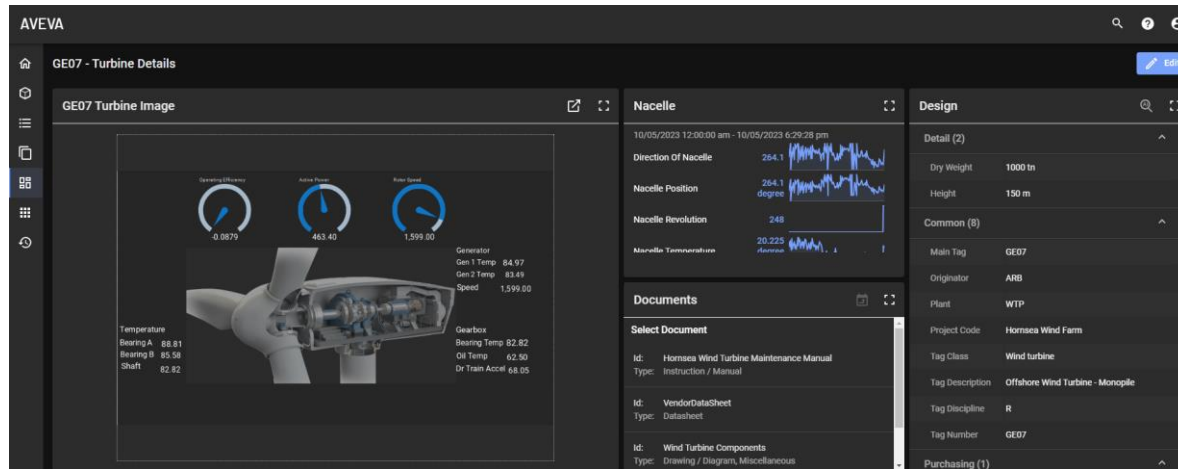
CONNECT Industrial intelligence-as-a-service

The power of AVEVA™ Connect, our industrial platform

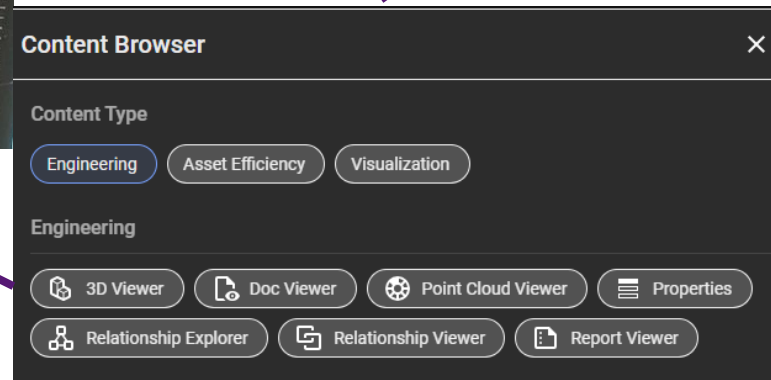
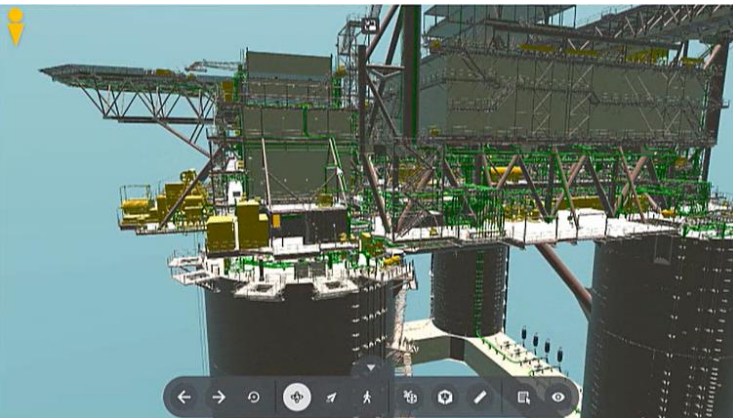
Open and neutral platform providing rich data insights for your unified industrial ecosystem



What about Visualization?



- Self-service dashboard creation
- Accessible from any device
- Customized UI by role and use case need
- Save, edit, and share displays
- Improved 3D visualization experience
- Create and arrange a variety of content, including:
 - Process analysis data streams
 - Production event and contextualized metadata
 - Engineering 1D, 2D, 3D materials
 - Graphical elements library
 - Operational Tower views
- Managed service provided by AVEVA in the Cloud



“Information is a source of learning. But unless it is organized, processed, and available to the right people in a format for decision making, it is a burden, not a benefit.”

William Pollard

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!

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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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