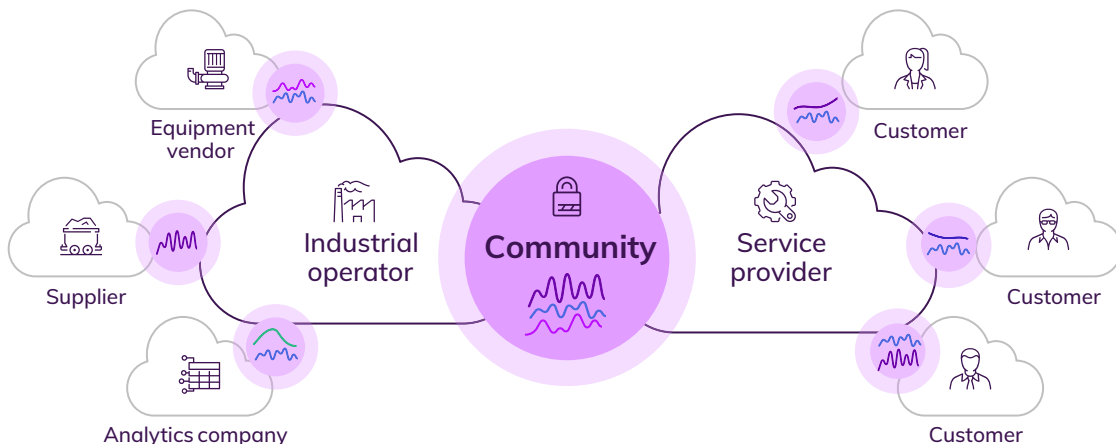FEATURE SHEET

AVEVA™ Data Hub, connected communities

Simple and secure operations data sharing across organizations

Data sharing is no longer an option – it's essential for maximizing industrial transformation initiatives and laying the groundwork for future success. AVEVA Data Hub, a cloud-native, real-time data management solution, lets data owners provide visibility of selected, real-time operations data to a trusted ecosystem of partners, while retaining full control over what data each partner sees and the ability to keep it secure and private from other partners.

The connected communities feature of AVEVA Data Hub is a secure, bi-directional and multi-tenant way of sharing data externally, where each business partner can build, share, and access select data streams with ease. With a connected ecosystem of business partners, companies can drive more efficient operations, reduce downtime, increase safety, maximize profitability, and explore new business models.

The multi-tenant architecture of AVEVA Data Hub enables external data-sharing of select data streams securely via communities

Key uses for AVEVA Data Hub, connected communities

AVEVA Data Hub's connected communities feature can connect any number of trusted business partners and allow them to securely share their operations data in real-time within a secure, cloud-based data environment. This information-focused network of interlinked organizations offers the ability to unlock operational efficiencies, increase sustainability, and drive industrial transformation at scale. By enabling this level of cross-company collaboration, companies can:

- Increase operational efficiency and sustainability with new, high value services such as continuous asset monitoring, condition-based maintenance, automated procurement, etc.

- Benefit from the expertise of analytics partners and unlock new levels of data science and analysis based on real-time operations data.

- Reduce security risks by eliminating precarious forms of sharing data such as sending large data spreadsheets via email or giving external users access to the organizations' virtual private networks.

- Enhance transparency between business partners and customers.

"Compared with what we previously did to share data with third-party analytic vendors, AVEVA Data Hub, with the connected communities feature, is far easier to configure and manage and requires far less involvement from our internal IT resources."

–
Jay Gasner
Regional Operations Manager, Constellation

Capabilities

The unique capabilities of AVEVA Data Hub make it easy to securely share relevant, real-time data with business partners:

- A database built for streams of data that follow a sequence (such as time-series data or any other sequential index like drilling depth).

- Ability to interactively shape shared data streams with context into data views for easy use by non-expert data users, machine learning algorithms, and business intelligence tools.

- Multiple ways to consume data by each business partner, either within AVEVA Data Hub, or externally via PowerBI or AI and ML platforms, third-party analytics tools, or other cloud applications via REST APIs.

- Full management, visibility and granular control around what data is shared with each business partner.

- Multi-tenant architecture designed natively for the cloud, with secure sharing of select data in a bi-directional way across tenants.

- Included within AVEVA Data Hub subscription on AVEVA Connect - no additional purchase is necessary to enable the feature.

Available on AVEVA™ Connect

Accelerate your time to value and optimize at scale with AVEVA Connect, our industrial cloud platform. Gain access to AVEVA's full portfolio of secure industrial SaaS that is fast to deploy and easy to access and manage across any global enterprise.

Want to learn more about AVEVA Data Hub?
Check out our website for additional information and resources.

AVEVA