AVEVA

Building digital services with AVEVA Data Hub

Operations data enables valuable new services

In the global industrial sector, services are a fast-growing segment. Suppliers, equipment manufacturers, and service providers are increasingly leveraging clients' real-time data to reduce downtime and maintenance costs, ensure safety and compliance, and optimize operations. The challenge for operators is being able to share real-time data securely and cost-effectively with users outside the company network.

AVEVA addresses these challenges with AVEVA Data Hub—a cloud-native industrial data management solution leveraging the scale and flexibility of the cloud. AVEVA Data Hub is a fully managed data software-as-a-service (SaaS), developed and maintained by AVEVA experts. As a native cloud solution, AVEVA Data Hub provides users and authorized service partners with secure, browser-based data access. No more having to send personnel on site to collect critical metrics and observe asset performance. Reduce travel expenses, automatically collect real-time data and reduce the risk of human error. AVEVA Data Hub provides the perfect data foundation for developing custom services that uniquely address clients' operating conditions.
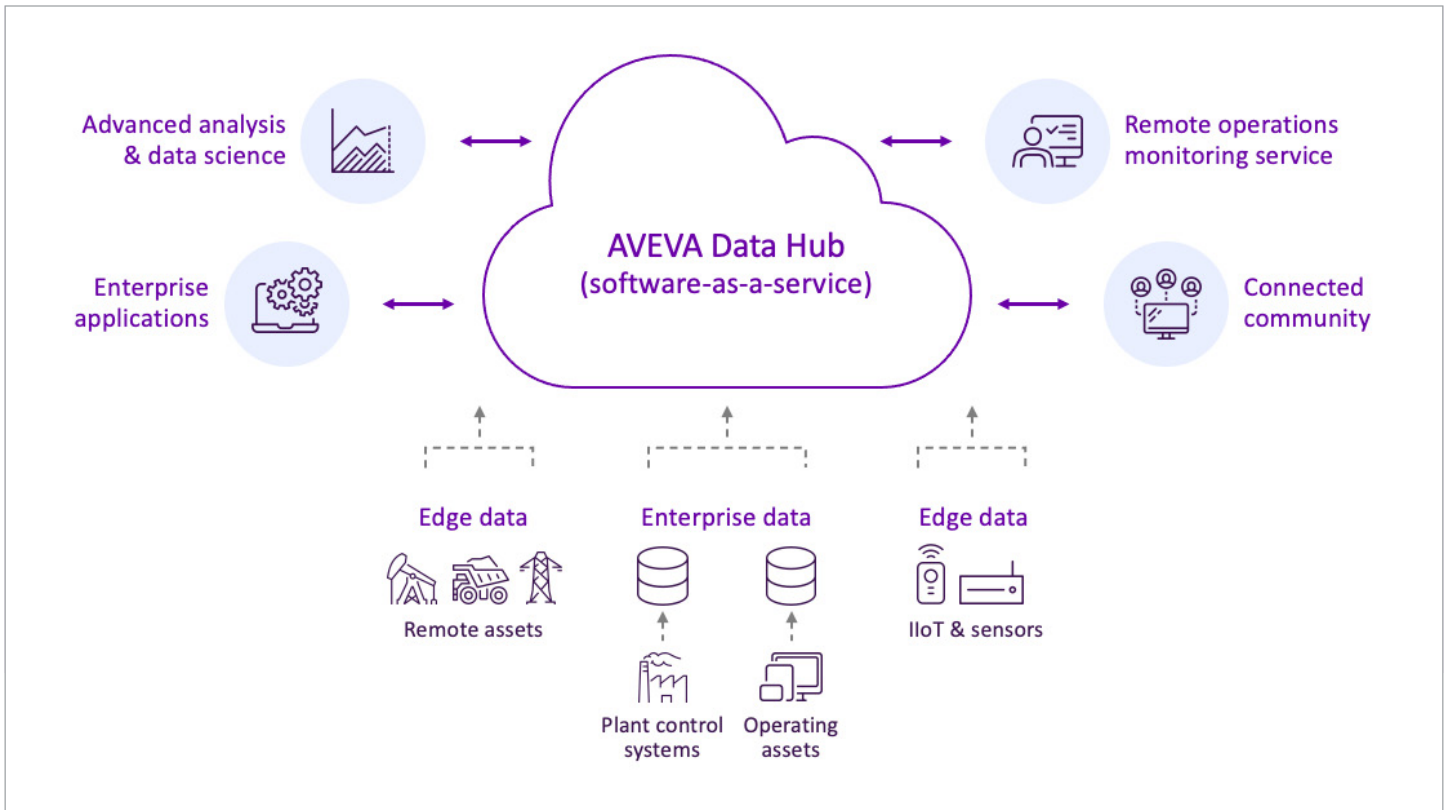
Figure 1. AVEVA Data Hub aggregates the data needed for valuable operational services.

A new model for asset monitoring

The complexity of industrial equipment often requires companies to outsource monitoring and maintenance to the manufacturer or another experienced and dedicated operator, to keep systems running smoothly and avoid downtime. AVEVA Data Hub can provide manufacturers and service providers with real-time sensor data and performance metrics to use as the basis for predictive maintenance services and uptime guarantees. No more delays while data is manually collected and cleansed. As a bonus, manufacturers get valuable data on how their products behave in the field to improve future designs and increase customer satisfaction.

Secure data sharing gets everyone on the same page

AVEVA Data Hub functions as a secure, centralized data store by accepting real-time data from historians, other data platforms, remote assets and IIoT-sensor devices. The cloud solution makes it easy to share trendlines and data views, so all stakeholders see the same data at the same time, simplifying collaboration.

Tap the data you need with flexible business models

AVEVA Data Hub supports secure data sharing through a flexible subscription model that expands as needed. Clients can easily provide suppliers with select, real-time data at greater speed and with less opportunity for human error. No more delays while data is manually collected. No more sending personnel on site in hazardous conditions. Reduce the cost of service creation and deliver greater value to clients.

"Bringing together engineering and indoor air quality (IAQ) data to solve a complex problem facing many building owners today, the cloud platform helps us provide high-value, remote monitoring and data analysis services to our clients."
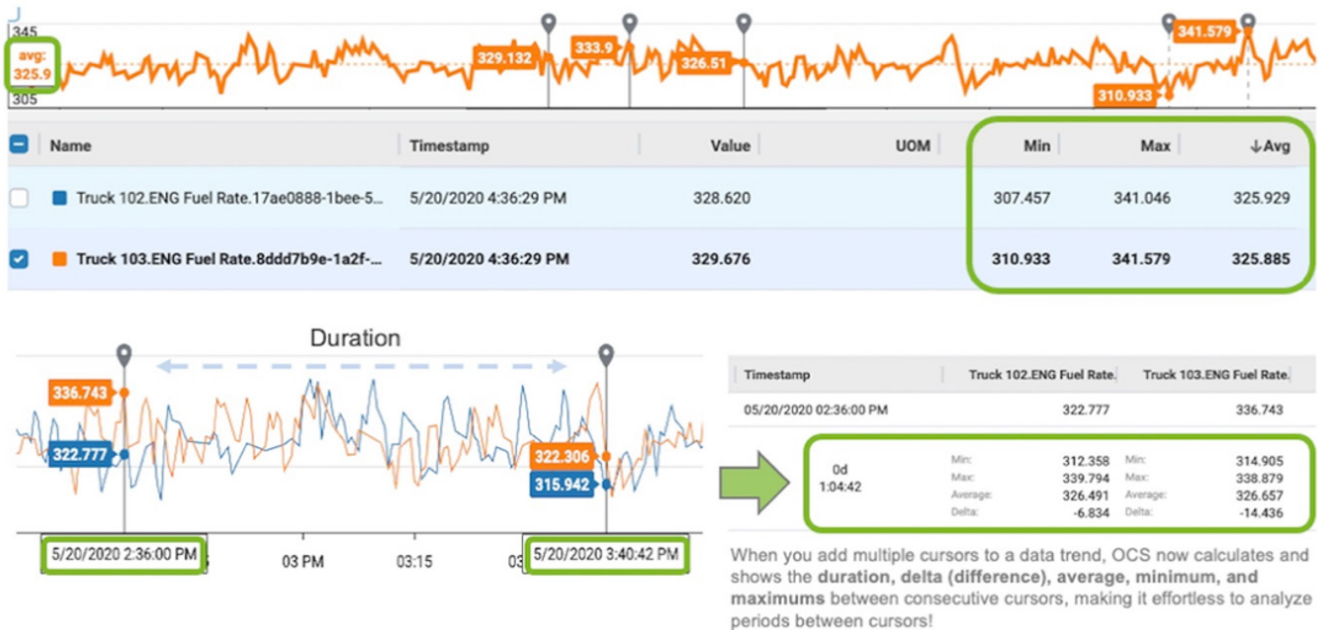
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Eric Bratton,
COO, CosaTron

Figure 2. AVEVA Data Hub gives industrial operators and their suppliers real-time insight into critical operations

Faster time-to-value with AVEVA Data Hub

Leverage AVEVA Data Hub to build connected industrial services that:

- Add real-time operations data to existing service offers or create new services.
- Improve collaboration with customers.
- Perform advanced analytics using actual, real-time performance data.

- Support data science projects, such as predictive modeling and condition-based maintenance.
- Gain situational awareness in dangerous environments.
- Improve efficiency of field support staff and reduce costly service calls.

Ready to build real-time industrial services? Click here.