AVEVA

Enable remote monitoring to drive operational efficiency

Cloud technology drives broader data usage

Today, you can quickly gain the ability to access and share real-time operations data without substantial upfront investments. Industrial companies are increasingly giving trusted ecosystem partners such as equipment manufacturers, suppliers, and other service providers direct access to information that helps them deliver services with greater value, accuracy, and speed. With cloud technologies, companies can now share data securely with authorized users and applications – with less cost and effort than ever before.

Real-time remote monitoring is one use case that has become particularly important to improving companies' resource usage, operating efficiency, health and safety record, and productivity.

Information from thousands of data points facilitates operational efficiency

Companies are taking advantage of the decreasing cost of sensors to gather operations data across widely distributed operating environments, including from remote assets located outside the traditional control network. In today's operating environments, an organization can collect, aggregate, and analyze thousands or even millions of data streams to facilitate operational efficiency and asset optimization. To ensure all relevant data is considered, companies need the systems that collect, analyze, and transmit this data to be easily and cost-efficiently scaled. Once they gather the data, the next step is for them to make it available to all the decision-makers, ecosystem partners, and service providers, who can use it to achieve better outcomes.

Real-time data differentiates service providers

Until now, service providers have designed their services to fit the needs of the average client using previous experience or semi-regularly reports summarizing their clients' operations. But the past is not always a good indicator of the future; using manual reports causes delays and can introduce inaccuracies. AVEVA™ Data Hub makes it easy for providers to see precisely what is happening with their clients. With the solution, organizations can see how current equipment vibrations compare to predictive models or the exact level of raw material remaining on the production line.

Team members can even use AVEVA Data Hub to help monitor remote locations without traveling. Trusted partners can set themselves apart from their competitors by offering remote monitoring of real-time operations. With full and secure data access, they can help their clients increase asset reliability and uptime, improve product quality and safety, and increase efficiency. Equipment manufacturers can even use asset performance data to improve the future design and engineering of their products.

Shared data with trusted ecosystem partners accelerates results

Operators need a way to share operations data securely and in real-time, to enable remote monitoring. AVEVA Data Hub is made for just this opportunity. Industrial operators can use the existing internet infrastructure to give secure data access to authorized ecosystem partners in any location. No need for expensive VPNs and no delay while data is validated or organized. AVEVA Data Hub reduces the cost, effort, and risk associated with data sharing. It is offered as a fully managed cloud service, so it is ready and available when you are. No infrastructure deployment, testing, or maintenance to delay results. Industrial operators can get data flowing to their remote monitoring providers instantly and scale data capacity on-demand.

Ready to build industrial services based on real-time operations data?
Click here: aveva.com/en/products/data-hub

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