

# Ovation™ Enterprise Data Solutions

## Immediate, Secure Remote Access to Critical Plant Data for Better Decision Support

Digital transformation of the power generation, water and wastewater industries includes the integration of Industrial Internet of Things (IIoT) technologies into operations, maintenance and business systems, vastly increasing the amount of data available throughout the enterprise.

If collected and dispersed to the right people at the right time, enterprise-wide plant information could be key to making well informed decisions that improve operations and reduce costs.

An aging workforce, reduced staffing and the need to satisfy younger, digital-savvy workers who expect on-demand access to data using mobile technologies are also challenges faced by both industries.

Your plant and corporate experts need timely access to actionable plant information for monitoring processes, identifying emerging issues and keeping operations running at optimum levels.

### Think about your remote visualization and data analysis needs...



Does your corporate management have a complete view of district- or fleet-wide operations?



Can your staff readily assess plant performance to quickly make informed operating or maintenance decisions?



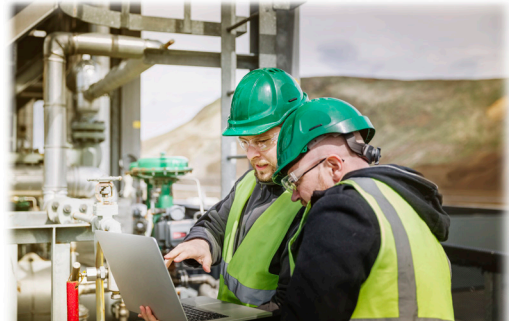
Do your operators perform time-consuming rounds and is the data collected accurate and complete?

**You need a solution that provides secure, near-real time remote access to key plant performance indicators.**

# Transform Plant Data into Actionable Insights



Ovation EDS remotely monitors key plant performance indicators such as fuel usage and emission levels for power generation or energy usage and regulatory compliance for water/wastewater.



Using Ovation EDS mobile during operator rounds to evaluate and document plant performance and operating status information improves productivity and safety.

Emerson's Ovation™ enterprise data solutions (EDS) captures the benefits of big data by providing plant staff secure, remote access to enterprise-wide key performance indicators, enabling them to make well-informed decisions that can improve operations and reduce costs. EDS uses a centralized server to collect insightful plant data from multiple sources and present the high-fidelity information in near-real time to authorized personnel and systems.

Scalable single, multi-plant or enterprise deployments along with mobile capabilities provide flexible viewing options to quickly assess plant operations and determine process adjustments to optimize production. Authorized users can view process graphics, control viewer logic diagrams, alarm lists and multi-point trends, as well as generate reports that track operating performance or fulfill business reporting requirements. Remote visualization of critical data allows plant staff to monitor asset health and proactively troubleshoot issues before they become serious problems. Using Ovation EDS, corporate management has an expansive view of all operations and plant staff has immediate access to information that supports better decision-making.



**Insightful**

Presents a comprehensive view of assets to all levels of an organization, enabling proactive responses to process changes, operating abnormalities or equipment issues.



**Secure**

Secure, read-only access to plant data using firewalls, DMZ, data diodes, one-way communication links, access control and authentication ensures data integrity.



**Accessible**

Numerous office and mobile options provides authorized users immediate access to near real-time and archived plant information, regardless of geographic location.



**Supported**

As part of the Ovation platform, EDS is backed by Emerson's comprehensive lifecycle programs for system support, training, cybersecurity assessments and long-term service.

**OVATION™**

For more information:  
[www.Emerson.com/Ovation](http://www.Emerson.com/Ovation)

  
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