



## EXPERIENCE THE FULL POTENTIAL OF YOUR ASSETS

### INCREASE OPERATIONAL EFFICIENCY WITH IMPROVED PROCESS CONTROL AND ASSET MANAGEMENT

The demand for clean water has never been greater, and neither have your production challenges. By combining the power of the Ovation™ expert control system and AMS Suite: Intelligent Device Manager, you can improve your operational efficiency and reduce maintenance costs while still meeting stringent regulations.

Ovation's field-proven control design techniques provide tighter, more precise process control that delivers predictive intelligence to operations and management personnel. Ovation can be used for large or small applications, including water and wastewater treatment, pump station controls, and remote SCADA applications.

With the predictive diagnostics in AMS Device Manager, you can configure, manage calibration, check status, and maintain documentation of all devices from your control room. AMS Device Manager streamlines maintenance activities through online access to asset health. With Audit Trail, all device activities are automatically recorded in a historical record, providing the documentation needed to comply with regulations.

### PROVIDES OPERATIONAL BENEFITS

- **Centralize control to reduce costs.** Monitor and control water and wastewater systems from a single location. You can detect problems immediately from incoming predictive diagnostics and reduce maintenance trips to the field.
- **Increase reliability.** You can expect constant communication with your devices, so you always have access to real-time asset health information.
- **Reduce chemical and energy usage.** With Ovation's proven control strategies, you can optimize both chemical and energy usage to assure quality treatment while minimizing costs.
- **Extend equipment life.** Through tighter process control and predictive diagnostics, you can quickly address any issues with your assets to keep your equipment running better longer.



AMS Suite: Intelligent Device Manager powers PlantWeb through predictive and proactive maintenance of intelligent field devices to improve availability and performance.



## THE POWER OF PLANTWEB™

The PlantWeb digital plant architecture delivers the future of process automation today. Providing integrated asset management, process control, and management execution through intelligent field devices, PlantWeb delivers reduced project risk and improved operations.

As part of the PlantWeb architecture, Ovation and AMS Device Manager help you to detect and avoid equipment failures that lead to unplanned downtime. With predictive diagnostics from your assets, you can stop issues before they affect your process.

### OUR CUSTOMERS EXPERIENCE BENEFITS

- *“Our maintenance operations and documentation processes are much more efficient with Ovation translating into reduced costs for us”. – Borough of Ridgway, PA.*
- *“Working with Emerson has allowed us to operate the plant more efficiently and do our jobs better.” – Allegheny County Sanitary Authority*

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#### Asset Optimization

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