

Process Data Manager™

EFFICIENTLY MANAGE OPERATIONAL DATA AGAINST REGULATORY LIMITS AND CONTINUOUSLY IMPROVE PERFORMANCE



BENEFITS

- Free up time for busy EHS and operations staff
- Simplify data roll up for data mining and reporting
- Reduce compliance deviations, emissions fees, and reporting risks
- Lower costs of third-party verification and audits
- Proactively manage operations to reduce compliance risks

The Issue

Gathering process data for compliance reporting is a tangled technological task. The range of operating data, pollutant parameters and other elements captured in facility level information systems is massive and this is compounded by the fact that these systems were not designed to support compliance or corporate reporting. The reality is that in most companies, current processes are labor intensive and error prone. They involve gathering, validating and aggregating process data via manual tasks and repetitive processes that require the development of custom spreadsheets and rely on email chains and custom systems integration. This ultimately increases the cost and risk of operations.

Gain the Advantage

Process Data Manager™ is uniquely positioned to efficiently automate the acquisition and validation of asset or equipment-level data from process automation systems. It eliminates the need for custom spreadsheets or programming with its more than 400 off-the-shelf connectors to process historians, OPC-compliant devices and databases. It helps eliminate data collection, data quality, and data availability issues and ensures companies are gathering data with the frequency and granularity to manage operational performance against regulatory limits, and support near real-time decision making. Process Data Manager also makes it easy to apply user-defined validation rules, review and approve the data before seamlessly importing it to join the master data set in your IHS Essential Suite® environmental management system. This ensures both the accuracy of reporting and the auditability of the data.

Overall, you can save time, lower operating costs and reduce risks by leveraging Process Data Manager capabilities. This is especially valuable, for example, to collect and aggregate data for carbon/greenhouse gas (GHG) emission reporting or for reporting of specific pollutants (including CO2, SO2, NOx) based on operating parameters (such as heat inputs, flow rates and production feeds).

Recognize the Value

With Process Data Manager you can free up valuable time for limited EHS and operations staff to focus on running the business rather than collecting data and producing repetitive reports. Unique value is derived from the ability to efficiently automate the following work processes:

Streamline Data Acquisition

Easily link and map equipment to environmental parameters and groupings through a front-end user-friendly interface.

Automate Scheduling

Collect data from multiple sources at any frequency from near real time to less frequent monthly or quarterly and then aggregate the data to meet any business requirement reporting need.

Validate and Cleanse Data

Manage simple to complex data validation and substitution rules, including monitoring for missing data to ensure rigorous quality assurance processes.

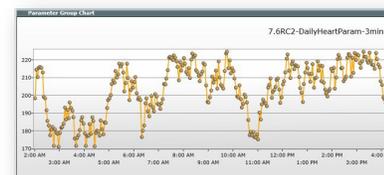
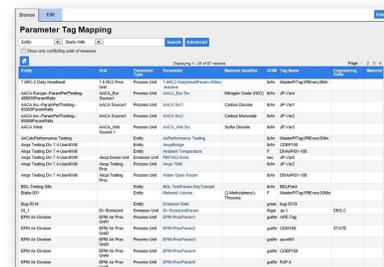
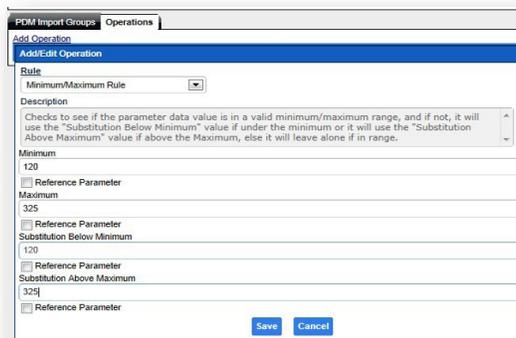
Apply Rules & Calculations

Choose from a pre-populated standard rules library to apply validation filters or create your own user-defined rules to be leveraged across the enterprise. Use standard statistical functions and user-defined expressions to calculate required values for reporting in a consistent, reliable framework that eliminates manual processing errors.

Produce a Comprehensive Audit Trail

Leverage the structured-data validation, review, and approval work process to control data exceptions and ensure quality.

Quickly access a complete electronic history from data source to reported values showing all values, changes, and annotations for accountability and verification.



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PERFORMANCE REQUIREMENTS.**

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