

# Your PI System Performance Partner



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## AVEVA PI SYSTEM SOLUTIONS

## Simple Solutions to PI Problems

Proven solutions to simplify complex analysis, reporting, and integration.

**Maximize your PI investments**, with advanced data analytics, visualization, and integration for the AVEVA PI System. We help you improve operational efficiency, reduce risk, and make better decisions by providing you with the insights you need to optimize your operation:

- Expert-designed plugins
- Intuitive visualizations
- Enterprise integration
- Pre-configured layouts
- Fully customizable
- Ongoing support

### Work Smarter, Not Harder — with Plugins

Our PI Plugins help you make the most of your IoT data and your PI System for greater insights into your asset performance, automated reporting, easy integration with your other enterprise systems, and simplified asset-based reliability and condition-based maintenance analytics.

More than 120 energy companies, water treatment plants, manufacturers, and other industrial facilities rely on our experts and software to optimize analytics from their PI Systems. Our consultants have years of experience in the field of data analytics, and we are passionate about helping our clients achieve their operational goals.



#### Connect

Enhance cross-team collaboration and ensure accurate real-time data collection and analysis.



#### Optimize

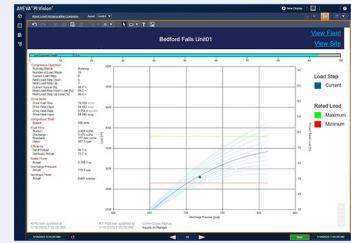
Optimize asset performance management. Rightsize PI System data costs.



#### Automate

Automate condition-based maintenance and facilitate data-informed decision-making.

### FEATURED PLUGIN



#### Advanced Reciprocating Compressor Analytics

This plugin makes it easy to add advanced monitoring and alerting for reciprocating compressors to your PI Vision displays.

- Calculate easy-to-read overall health score metrics
- Compare current asset performance with manufacturer specific methodologies, tables, and curves
- Replace irksome number tables with clearly plotted charts and graphs for monitoring displays
- Identify and alert on unsafe operating patterns
- Provide early warnings for slow trend variances from optimal norms
- Maximize asset utilization, extends asset life, and avoids downtime

## Optimize Your Entire Operation

We have created plugins to address virtually every key aspect of your operation, from asset performance, to reporting, and even integration across your enterprise.



### Asset Performance

Gain deep insight into asset performance, without the complexity of custom configuration, using our proven PI System plugins that easily transform your PI System data into actionable insights. Plugins are available for a wide variety of assets and equipment, including:

- Combined Cycle Plant Operations Cost Analysis
- Heat Recovery Steam Generator Monitor
- Condenser Condition Monitor
- Boiler Feed Pump Condition Monitor
- Generator Reactive Capability
- Combustion Gas Turbine Operations Cost Analysis
- Detailed Thermodynamic Modeling
- Rankine Plant Operations Cost Analysis
- Feedwater Heater Condition Monitor
- Adaptive Emissions Optimizer for Coal Boilers
- And dozens more...



### Automated Reporting

Does your team rely on regular reports to review plant KPI data? Updating monthly, daily, and hourly can burn hundreds of man-hours each year.

Significantly reduce time-wasting manual report compilation and distribution and free engineers for more important tasks. This PI System plugin automates daily, weekly, and monthly Excel report generation and timely distribution.

- Auto-generate reports in your preferred formats
- Schedule automated report generation and delivery
- Optional specialized template library functions
- Imports PI System data into your Excel file
- Template for converting the Excel file to PDF
- Use any PI tag value retrieval methods



### Enterprise Integration

Unlock the full potential of your PI System data with our PI integration software. Put your PI data to work anywhere you need it, with our PI Service Bus solution. Easily connect to popular tools, using our collection of PI Connector Plugins.

- **PI Service Bus:** More effectively use the data you generate each day. PI Service Bus (PSB) automatically captures, transforms, and delivers relevant data across your software applications, monitoring solutions, and enterprise platforms, to support the tools and processes you rely on for actionable insight.
- **PI Connector Plugins:** Programming custom interfaces to connect the PI System to external tools and programs can be tricky. Easily send data in and out of PI. Our connector plugins allow you to make quick, easy connections to popular tools with simple, intuitive configuration — without programming!



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### 'Plugin' to Better Operating Performance

Are you ready to get more out of your PI System, without a costly and complex custom project? Then you're ready for our PI System plugins. Contact us today to learn how you can add our plugins to your system, and start operating more safely, effectively, and efficiently.