



BROCHURE

HISTORIAN CLIENT





PRODUCT DATASHEET

Historian Client

Historian Client empowers workers with real-time process data, allowing operators, engineers and operations managers to quickly troubleshoot issues, identify cost-saving opportunities and improve production efficiency. A perfect complement to Historian, Historian Client provides data trending and reporting capabilities, integrated with Microsoft Office, allowing easy sharing of reports on the company intranet site or the Web.

Overview

Summary

Historian Client data analysis and reporting software places real-time and historical process data into the hands of the people most responsible for plant performance: operators, engineers and operations managers.

Business Value

Historian Client software delivers near real-time historical process data from the Historian to industrial workers at all levels.

- Near real-time process data critical for process troubleshooting activities
- Access to self-service production and performance reports that can be shared via email or the web

Gain Better Visibility into Your Processes

Historian Client, tightly integrated with Historian, generates real-time and historical data charts and reports allowing operators, engineers and decision makers to quickly visualize what is happening during a production run, a batch or any industrial process. Historian Client reports and data trends can be viewed, analyzed and consumed via your desktop or laptop. Historian Client content can also be consumed via web browser, or through external applications such as Microsoft® Office®, InTouch® HMI or even custom software clients. Historian Client supports Cloud based applications, Microsoft SQL Server® 2014 and the new Open Data Protocol (OData) data access interface, delivering on our commitment of using the latest software technologies.

Rich Data Analysis and Reporting

The Historian Client's rich data analysis and reporting experience gives you powerful ad hoc query capabilities, as well as preconfigured trending tools needed to drill down into data details to evaluate trends, find root causes, and determine the best solutions to critical process issues.

Plant IT personnel tasked with creating and maintaining production reports and regulatory reports can use Historian Client to pull important information out of the huge volume of plant process data stored in Historian.

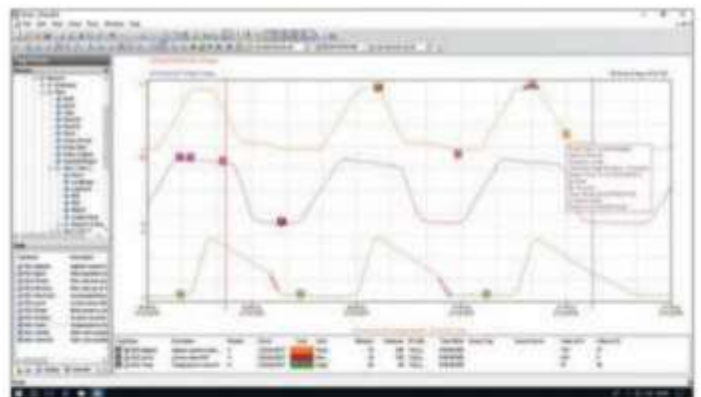
Historian Client enables you to easily mine data stored in Historian and other SQL data sources. No prior knowledge of SQL is required since a simple tag browser is used to find and select individual tags or entire public or private tag groups. A wide range of standard query types are available.

Historian Client Components

Historian Client includes multiple applications designed to maximize the value of data stored in Historian. These applications give you access to plant and process data through easy-to-use interfaces. Historian Client can help plant workers quickly troubleshoot problems, study potential operational inefficiencies and eliminate the time-consuming process of locating data.

Trend Client

The Historian Trend client is a powerful desktop data graphing tool. Providing a range of charting and formatting capabilities, it is designed to allow users to create highly informative data analysis charts for real-time and historical data trend analysis, faster troubleshooting and process improvement. Multiple types of analysis displays and reports are available as standard, such as Trend charts, X-Y Scatter plots, and Batch trend charts, including 'Golden Batch' comparison.



Excel Add-In

This Microsoft Excel add-on is designed to simplify the creation of process-data reports using Historian data.

Query Client

This easy-to-use desktop tool for creating database queries removes the need for SQL expertise. Query can be used in tandem with the Historian Trend, Workbook or Report Clients. It can also be used as a standalone querying tool for the Historian or any SQL-compliant database.

Powerful Web-based Solution

Historian Client content can be consumed via web browser, or through external applications such as Microsoft Office, InTouch® HMI or even custom software clients.

Trends, Reports and Workbooks can be published, aggregating plant and business data into a powerful web-based production and performance management solution.

High Availability and Business Continuity

Historian Client takes full advantage of the Historian redundancy capabilities. If the primary Historian goes off-line the Historian Client automatically switches to the secondary Historian. Once the primary Historian is back online, Historian Client automatically switches back to the primary with no interruptions to the user.

Choices for Data Analysis and Reporting

Historian Insight is a browser client for quick data query and trending. Intelligence leverages Tableau® business analytics for powerful self service process analysis capabilities. Dream Report is a configuration-based reporting application that anyone can use out the box to create production or regulatory compliance reports.

Mobility

AVEVA Insight makes information accessible through the cloud for any modern browser or mobile device. AVEVA Insight allows you to monitor your critical information, KPIs, and alerts on-the-go.



Web-Based Report Integration

AVEVA reporting applications can be web-enabled using AVEVA Insight. This ensures the proper information can be made available to the right individuals wherever they are located. Using client components within AVEVA Insight delivers a rich and flexible portal experience.

Sample reporting solutions that can reside in AVEVA Insight include:

AVEVA MES/ Performance - OEE and equipment downtime reports and KPI dashboards

AVEVA MES/Operations - multiple reporting options including:

- Production events and formula reporting (usage and set points)
- Material consumption including comparisons of "plan vs. actual"
- Consumption and genealogy of materials, equipment, personnel and production events related to a lot, batch or serial number
- Complete traceability and genealogy reporting to help you comply with government regulations



AVEVA Insight

AVEVA Insight is a cloud-based, “managed” solution that makes information accessible through any modern browser or mobile device. AVEVA Insight provides enhanced visibility into process and equipment health without the need to install and manage these solutions on-premise.

Customer Support and Services

The Customer FIRST for AVEVA Services Program makes it easy to receive the help you need when you need it and to receive the latest version of the Historian Client and associated AVEVA products.





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