

A vertical image on the left side of the page showing a person's hands in a dark suit jacket holding a thin, dark rod or wire against a light blue background.

# Pulse Historian

Dynamic Data Logger  
Collection & Reporting

A vertical image on the right side of the page showing a person's hand reaching out to touch or adjust a component in a server rack, with many other racks visible in the background.



## Overview

Pulse Historian, is Afcon's evolution of a high-performance process data logger, enabling storing into a relational database system and easily retrieved, huge volumes of data generated daily from the customer control system such as: Industrial Automation, Plant Floor, Building Management, Fire Detection, Security and Access Control, etc.

The data that is stored by the Pulse Historian can be easily accessed by Enterprise systems and viewed using the advanced built-in Pulse Supreme Report. The Supreme Report has a range of reporting and data analysis capabilities that enable data visualization and increase operation and energy efficiency based on real-time and historical data. Pulse Historian advanced data retrieval modes and Business Intelligent (BI) features simplify reports generating, saving valuable IT resources and enable better and faster decisions

## Pulse Historian highlight:

*High performance, huge process data collection is transformed into valuable information*

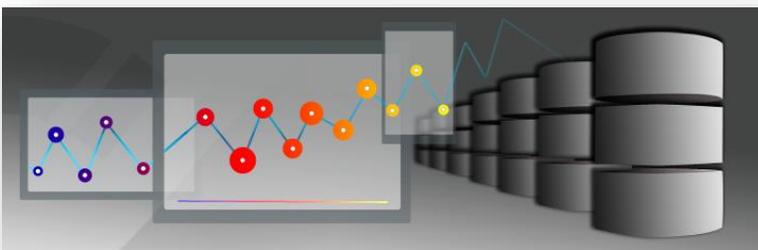
- Achieves a complete picture of your operational processes
- Improves your return of investments and profit margin by accessing accurate plant data

## *Performance with efficiency*

- Operational efficiency - Gain insight into overall operational performance / the solution that is right for you
- Energy efficiency

## *Accurate, Accessible Information*

- Reports so easy, you can have ALL the reports you want, not just the reports you absolutely need.
- Information delivered to anyone, anywhere, anytime



## Highly Scalable and Highly Organized Data Processing System

*Valid, reliable and comprehensive data for maximum optimization*

Pulse Historian systematically gathers real time and historical data turning them into useful information enabling superior scalability and more deployment scenarios than ever.

Regardless of the size of your operation, Pulse Historian is capable of collecting and storing all of your vital processed data generated daily from the customer control system. The Pulse Historian can be deployed to a single facility and grow to be a multi-tier/multi-site solution. It empowers data storage locally and at the corporate level enabling the most demanding data reporting and analysis requirements.

With the ability to configure multi-tiered Historian architectures, Pulse Historian delivers the flexibility required in modern networked infrastructures, enable business continuity with the ease of use expected from Pulse.

## Increase Your Process Visibility and Optimization

*Enable Better & Faster Decisions - Aggregation, Processing, BI Reporting*

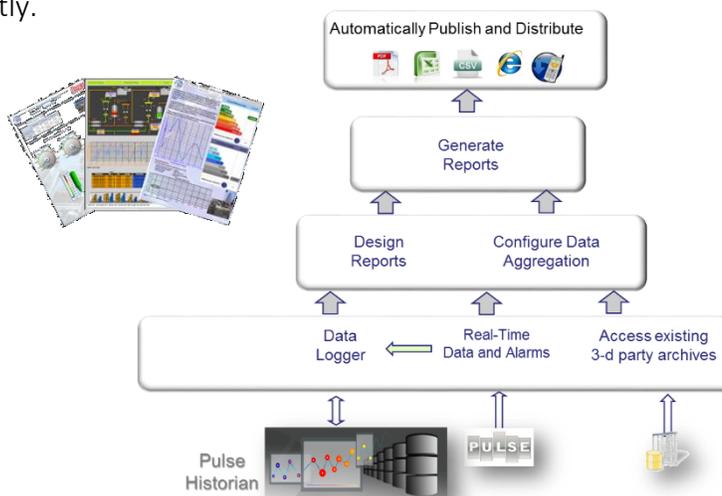
Built specifically for scalable acquisition, storage and retrieval of industrial process information, Pulse Historian improves visibility, provides context to raw data, and combines geographically dispersed information without compromising data resolution – resulting in better and quicker decisions, increased productivity minimizing costs across your enterprise.

With Pulse Historian, you can compare past production results, analyze the data prior to a downtime event and plot optimized production runs. You can automatically generate and distribute reports and share valuable information across your enterprise using the Pulse built-in Supreme Report.

Pulse supports modern reporting which provides companies multiple benefits. Reports can generally be created quickly real time and historical data and includes comparative and instantaneous distribution.

*Reports and Distributes Information You Want and Not Just the Ones You Need*

Anyone who uses all the capabilities of Pulse Historian, from direct data from machines and controllers through data recording and comprehensive processing in the SCADA system to flexible Pulse reporting tools, has the best chance of discovering optimization potential in the company and using it consistently.





## High Performance

*Store Plant Data with Amazing Speed and Extraordinary Efficiency*

Pulse Historian optimizes plant information, it captures plant data much faster than a standard database system and it provides “down-to-millisecond” resolution for real-time data.

Pulse Historian is built to store, and more importantly, retrieve production/process data in the way that is just right for you. These capabilities enable better responsiveness by quickly providing the granularity of data needed to analyze and solve intense process application.

The innovative Pulse Historian is designed to manage the continuum of values experienced in time-series data, which is inherently different from the isolated sample style information in a typical database.

Pulse Historian combines front-end, high-speed data collection with time series extensions to a SQL relational database to optimize both storage and retrieval performance.

Additionally, our Business Intelligent (BI) data storage features greatly reduce data storage requirements while preserving important data features.

## Seamless Integration with Pulse SCADA/HMI Software Suite

*Built-in Data Collection that Leverages OPC and Handlers of Built-In Native Drivers to Legacy or Non-Standard Equipment*

Pulse Historian is part of the advanced, scalable Pulse software suite, and high performance industrial software solution. The tightly integrated, comprehensive solution includes SCADA/HMI, advanced analytics, advanced reporting and distribution system, event/procedure management, mobile support and more. It addresses an extensive range of operation challenges across various industries. Pulse Historian includes built-in data collection capabilities and captures data from multiple sensors and systems. It supports more than 150 native drivers and manufacturing standards, like OPC, support based on more than 30 years of development.

## For More Information

Please contact your sales representative or contact us via:

Email: [marketing@afcon-inc.com](mailto:marketing@afcon-inc.com) , Web: [www.afcon-inc.com](http://www.afcon-inc.com)