Proficy® Historian 2026

Powerful industrial time-series and A&E data management for secure on-premises, hybrid, and cloud storage and analysis

Best-in-class Historian from edge to cloud with data analysis in context

Proficy Historian from Velotic is an analyst-recommended historian software solution that collects industrial time-series and Alarms & Events (A&E) data for analyzing asset and process performance—helping organizations transform operational data into greater business value. The growth of cloud computing, the Industrial Internet of Things, advanced analytics, and AI has driven continued investment in our historian. Backed by decades of experience and tens of thousands of successful installations worldwide, Proficy Historian changes how industrial organizations operate and compete by making data more accessible, reliable, and useful. Proficy Historian 2026 expands scalability, collection reliability, interoperability, and data accessibility across Windows and Cloud deployments. Enhancements include collector and OPC UA redundancy with automatic failover and zero data loss, up to 50% archive compression, higher-performing REST APIs, expanded MQTT metadata, improved Kafka connectivity, and a new Microsoft 365 Excel add-in. Simplified installation, enhanced iFIX integration, Configuration Hub improvements, upgraded Python capabilities, and a new Hyperscale Historian cloud architecture further reduce complexity and support enterprise analytics and AI.

Outcomes

- Strengthen industrial data governance with analyst-recommended OT data management—on-premises, in the cloud, or across hybrid environments
- Achieve faster time to value with simplified installation, easier iFIX integration, modern web administration, and Microsoft 365 access
- Protect critical operational information with secure-by-design data collection, storage, retrieval, integration, and analysis
- Scale from plant-level applications to enterprise cloud deployments supporting hundreds of users and up to 100 million data points or tags
- Reduce storage requirements by up to 50% with adaptive lossless archive compression while preserving access to critical historical data
- Improve availability with collector and OPC UA redundancy, automatic failover, and continuous data collection without data loss
- Accelerate access to industrial data with higher-performing REST APIs and scalable cloud read-and-write capabilities
- Manage distributed data collection centrally to simplify administration, reduce maintenance effort, and minimize operational downtime

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01 Achieve data analysis in context for optimization and continuous improvement

With Proficy Historian, users can analyze operational data in context through Proficy Operations Hub and the Historian Analysis run-time application, available at no additional cost with Proficy Historian Standard and Enterprise versions.

Together, Proficy Historian and Proficy Operations Hub provide industrial data management, contextualization, and visualization. Users can aggregate information from multiple sources or historians, define asset models with tag mapping, and perform advanced trend analysis.

Proficy Historian 2026 also introduces a Microsoft 365 Excel add-in, giving users a familiar, modern way to access and analyze historical data. Enhanced Python capabilities further support data extraction, automation, advanced analytics, and the modernization of legacy VBA-based workflows.

02 Improve data security and enable enterprise-wide industrial data management

With data security as a top priority, Proficy Historian supports common User Account Authentication (UAA). Integration with LDAP simplifies identity management and allows organizations to use a shared authentication service across Proficy applications.

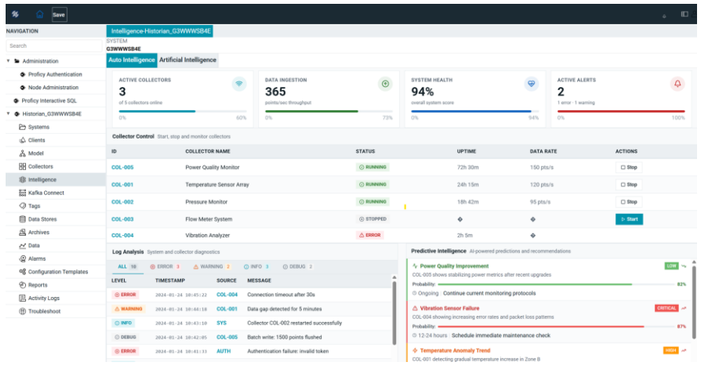
For enterprise-wide deployments, Proficy Historian provides cross-enterprise data access, scalability to 100 million tags, and cloud-native historian capabilities. The new Hyperscale Historian architecture supports larger data volumes, faster performance, multi-site aggregation through a single cloud endpoint, and hybrid architectures that connect plant-level historians with enterprise cloud data.

03 Simplify OT data governance at scale and reduce costs

Proficy Historian installs quickly and offers a compact footprint while scaling to support hundreds of users across an enterprise. Streamlined installation and configuration improvements in Proficy Historian 2026 help administrators deploy and maintain their systems more efficiently.

An HTML5-based administrator and enhanced Configuration Hub experience simplify historian management. Adaptive lossless archive compression can also reduce storage requirements by up to 50%, helping control infrastructure costs as industrial data volumes grow.

Centralized Remote Collector Management further reduces maintenance effort and downtime. Improved integration with iFIX simplifies configuration and strengthens interoperability across Proficy Historian, iFIX and CIMPLICITY HMI/SCADA, Proficy Operations Hub, and Proficy Smart Factory MES.



04 Speed configuration and ease connectivity for industrial applications

Connect machine data using an existing collector or build a custom collector with the Proficy Historian SDK. Proficy Historian 2026 expands collector capacity and strengthens collector and OPC UA redundancy with automatic failover, helping distributed operations maintain reliable data collection without data loss.

Enhanced MQTT metadata support, improved Kafka producer and consumer capabilities, and higher-performing REST APIs make industrial data easier to integrate with cloud, enterprise, analytics, and AI applications. Modernized 64-bit Python capabilities also support custom data collection, automation, and analysis.

Collectors can send data to a local Historian or support hybrid and cloud architectures. Proficy Historian for Cloud provides scalable, managed data storage and multi-site access, while Parquet export makes industrial data more readily available to cloud data platforms, advanced analytics, and AI workflows.

> "No longer is there a default choice in historians. If [Velotic's] Proficy Historian is not on your short list, it certainly should be.
>
> [Velotic] has made significant strides with Proficy Historian. With features like decentralized data collection, excellent data volume handling, scalability from on-premise to hybrid Cloud to full Cloud, plus remote management, and an OPC UA Server, Proficy Historian is now one of the leading historian products on the market."
>
> **– LNS Research**

Proficy® Historian 2026

Powerful industrial time-series and A&E data management for secure on-premises, hybrid, and cloud storage and analysis

New in Proficy Historian 2026

Proficy Historian 2026 introduces new capabilities for collecting, storing, accessing, and operationalizing industrial data across on-premises, hybrid, and cloud environments.

Data collection and reliability

- **More reliable data collection:** Enhanced collector and OPC UA redundancy provides automatic failover and uninterrupted collection with zero data loss.
- **Expanded collector capacity:** Improvements to collector scalability enable more tags to be assigned to each collector, supporting larger industrial data environments.
- **Expanded MQTT support:** Enhancements capture additional MQTT metadata fields, helping preserve valuable context from connected industrial devices.

Storage, performance, and scalability

- **Up to 50% archive compression:** Adaptive lossless compression reduces storage requirements while preserving the integrity and accessibility of industrial data.
- **Higher-performing REST APIs:** Performance improvements increase API call capacity and make historian data more readily available to applications and analytics platforms.
- **Improved Kafka connectivity:** Producer and consumer enhancements support faster, more scalable data exchange with enterprise data platforms and streaming applications.

Administration and data access

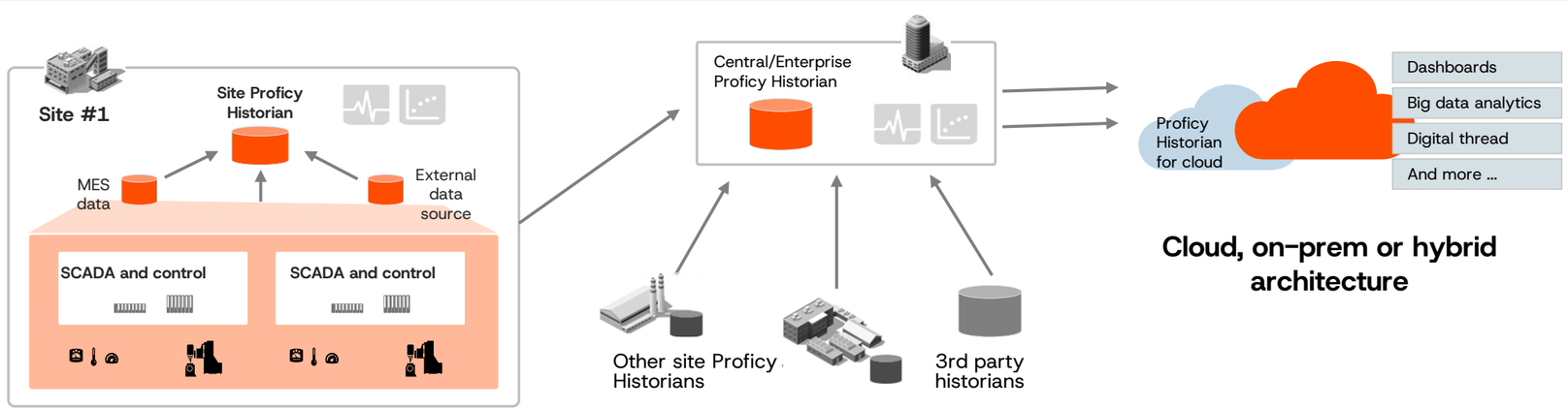
- **Microsoft 365 Excel integration:** A new Excel add-in gives users a familiar, modern way to query and analyze historical industrial data.
- **Modernized Python capabilities:** Expanded 64-bit Python support enables custom collection, scripting, automation, and analytics while helping modernize legacy VBA workflows.
- **Simplified iFIX integration:** Improved integration makes it easier to configure Historian data collection and connect real-time visualization with historical analysis.
- **Easier administration:** Streamlined installation, Configuration Hub enhancements, and improved tag-dependency visibility simplify deployment, configuration, upgrades, and troubleshooting.

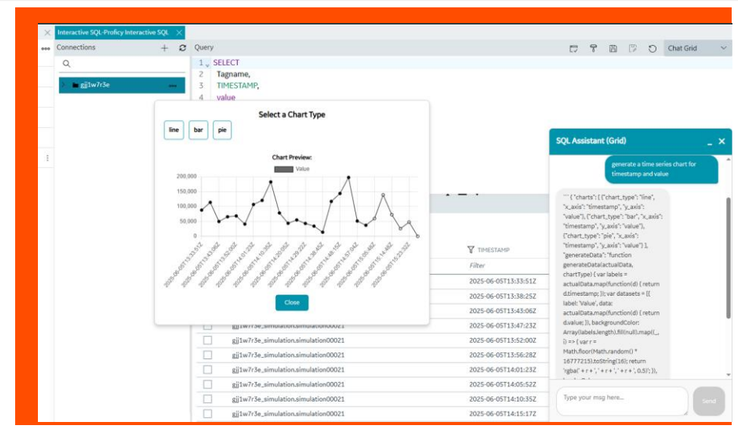
Cloud and enterprise data management

- **Cloud Hyperscale architecture:** Proficy Historian for Cloud supports larger data volumes, faster performance, and enterprise-wide access through a managed, highly scalable architecture.
- **Single endpoint for multi-site data:** Organizations can aggregate and access data from multiple plants through one cloud endpoint while retaining local historians in a hybrid architecture.
- **Parquet data export:** Historical data can be exported in Parquet format for efficient use in cloud data platforms, data lakes, advanced analytics, and AI workflows.

AI and advanced analytics

- **Greater AI and analytics readiness:** Improved scalability, interoperability, contextualization, and cloud access establish a stronger industrial data foundation for analytics, machine learning, and generative AI.
- **Planned AI-assisted capabilities:** Features planned for later in 2026 include natural-language SQL generation, system-health heatmaps, predictive monitoring, automated troubleshooting, and proactive maintenance recommendations.





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