



DECENTRALIZED DATA HISTORIAN · FROM EDGE TO ENTERPRISE

VersaCore Historian

Affordable. Scalable. On-premises. Built for mission-critical industrial data.

DECENTRALIZED · BROWSER-BASED · OPC UA · EDGE-READY

Looking for a data historian that's affordable, scalable, and fast? VersaCore is built from the ground up to be decentralized and on-premises — deployed on hardware we supply, so you're historizing process data from day one. It runs alongside the CODESYS PLC runtime on HSI MC Series controllers: one device can run your process and double as a data-collection gateway.

True Edge Resilience

No single point of failure. No forced cloud dependency. Add nodes as you grow — true resilience for industrial environments.

Decentralized by Design

Each edge instance collects, stores, and serves its own process data. Write and read performance stay consistent as systems scale.

Scale Without Trade-offs

From 100 tags to 500,000+ high-frequency process points. Speed vs. history depth shouldn't be a compromise — with VersaCore, it isn't.

Minutes to Historizing

Historian Configurator is point-and-click simple. Define Site → Unit → Equipment → Tags visually and go from nothing to live data fast.

Data You Can Use

Data Explorer delivers ad-hoc multi-tag trends, event analysis, and flexible export — all on-prem, no client software to install.

Open Industrial Path

OPC UA subscription ingestion from embedded CODESYS PLC. Secured read-only REST API for plant systems and integrators.



On-Device Product Surface

FOUR APPLICATIONS — BROWSER ACCESS, NO SPECIAL CLIENT SOFTWARE

Launcher

Unified hub for Data Explorer, Configurator, and CODESYS webview — one URL on the edge device.

Data Explorer

Multi-tag trends with zoom/pan, event windows, hierarchical tag browser, and CSV export options.

Configurator

Visual data model, OPC UA servers, events & VersaScript triggers, API keys, backup, and system updates.

API Service

Secured read-only REST API for programmatic data access with third party systems — hierarchy, tag data, and events with API key control.

Architecture Highlights

Ingestion OPC UA from CODESYS

Storage On the edge, tiered, cloud options

Secure Hardened data storage and access

Retention Adaptive disk-aware

Trends Data views, tabs for organization

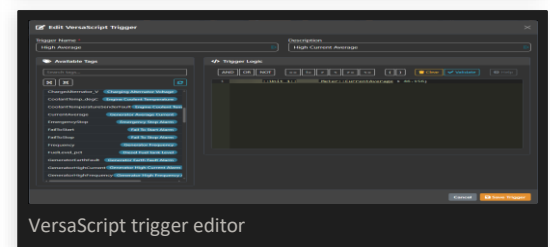
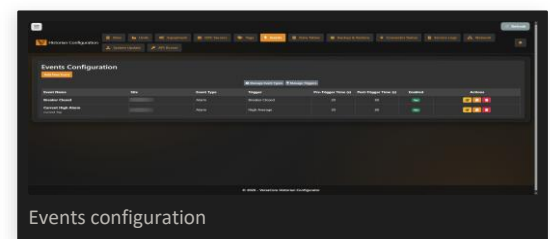
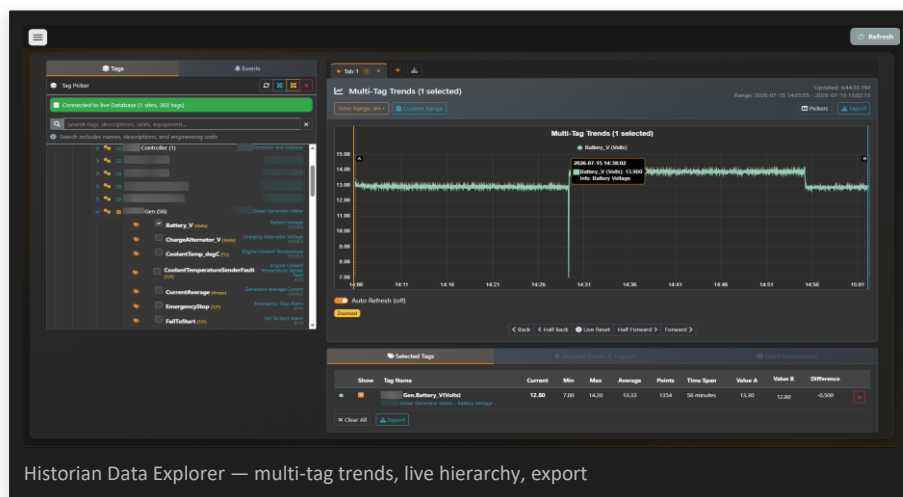
Encrypted Data encryption while in motion

Events VersaScript triggers

Control Independent of PLC scan

Updates Air-gapped — no need for cloud

See It in Action



Typical Applications

- Power generation packages — turbine, BOP, emissions
- Gas compressors & hybrid / energy-storage plants
- Remote assets, pipelines, and distributed edge sites
- Manufacturing gateways & data concentrators

Ready to historize at the edge?

Contact Heiberger Solutions for demos, MC Series pre-loaded systems with VersaCore, or site sizing. Deployed on hardware we supply — start capturing process data from day one.

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