



Historian from GE Digital Fact Sheet

GE Digital is showcasing the new Historian Version 7.2 as well as its new Historian for Linux at WEFTEC, September 23-25, 2019, Booth #6118.

Headline

The new Historian 7.2 from GE Digital improves security, increases ease of use, and boosts performance with features ranging from an enhanced OPC HDA Historian server to a new bi-modal ODBC (SQL) collector.

New Features in Historian

- With data security as our highest priority, Historian 7.2 enhances the OPC UA collector to support user authentication. Historian also features integration with complex Active Directory to meet the needs of users with complex nested domain arrangements. Users and administrators may belong to different organizations or domains. Additionally, domains may have sub-domains (multi-level) that need to inherit or refine on inherited permissions.
- Boosting read performance, Version 7.2 enhances the existing-archive files defragmentation tool. Users can defragment existing archive files using a command line based tool. This reorganizes the data nodes of a tag bringing the data nodes together so that bigger reads can be performed, improving read performance. Defragmentation can be done on all versions of archives, and the resulting archive will be the latest version.
- Historian installs in minutes and offers a small footprint yet scales to support hundreds of users and millions of individual machine data points. This new version replaces Oracle Java with AdoptOpenJDK, which uses infrastructure, build and test scripts to produce pre-built binaries from OpenJDK class libraries. Version 7.2 also enhances the OPC HDA Historian server to support aggregate functions, which are easily used to process raw data and visualize trends.
- Connect to machine data with an existing collector or build a custom collector using GE's SDK. Any collector can be configured to send data to a local Historian or to cloud-based Predix applications. Version 7.2 also introduces a bi-modal ODBC (SQL) collector.
- The new Historian for Linux revolutionizes data collection and storage by residing at the edge device and delivering distributed data collection to support IoT. Beyond machine-level analytics and reporting, Historian for Linux also provides data retention for regulatory purposes.

About Historian from GE Digital

- Used by thousands of customers to collect industrial time-series and Alarms & Events (A&E) data at very high speed, store in a secure-by-design method, distribute, and make available to other applications such as reporting, Microsoft Excel, and HMI/SCADA.
- Provides the data needed to analyze asset and process performance to improve operations, while reducing data storage costs.

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iFIX 6.0 from GE Digital Fact Sheet

GE Digital is showcasing the new iFIX 6.0 at WEFTEC, September 23-25, 2019, Booth #6118.

Headline

The new iFIX 6.0 from GE Digital offers core HMI/SCADA enhancements, such as alarm shelving and an OPC UA server, to decrease deployment time, improve operator efficiency, and reduce cost and risk.

New Features in iFIX 6.0

- Integrated support for ISA 18.2 standards for consistent alarm shelving and interface presentation, which enables operators to easily prioritize critical alarms to avoid spending unnecessary resources on less-pressing needs – helping plants to increase productivity by up to 70 percent. A new alarm summary grid allows operators to filter and focus on the critical alarms that matter, making it easier for immediate responders to review information and deal with the priority situation at hand.
- Secure-by-design client connections with its new OPC Unified Architecture (UA) server – a machine-to-machine communications protocol for industrial automation. Incorporating the latest industrial interoperability standards ensures platform independence, meaning that iFIX 6.0 runs across a variety of hardware platforms and operating systems. Industrial organizations can now easily share data, alarms and events across supply chains with user authentication and encryption on iFIX 6.0.
- Rapid application development features for HMI/SCADA, such as long tag names and descriptions – helping industrial users capture any hierarchy from their Programmable Logic Controllers (PLCs). Rapid application development significantly speeds the configuration and deployment of HMI/SCADA, reducing costs and saving time for automation systems integrators and in-house engineering teams.
- High Performance HMI capabilities based on ISA 101 standards, further improving safety and performance with more effective operator graphics. Users can access their iFIX High Performance HMI screens in a native HTML5 format, supporting operators from any location and on any device. This also provides a more intuitive user experience which can help reduce operator errors and improve response time to events and incidents.

About iFIX HMI/SCADA

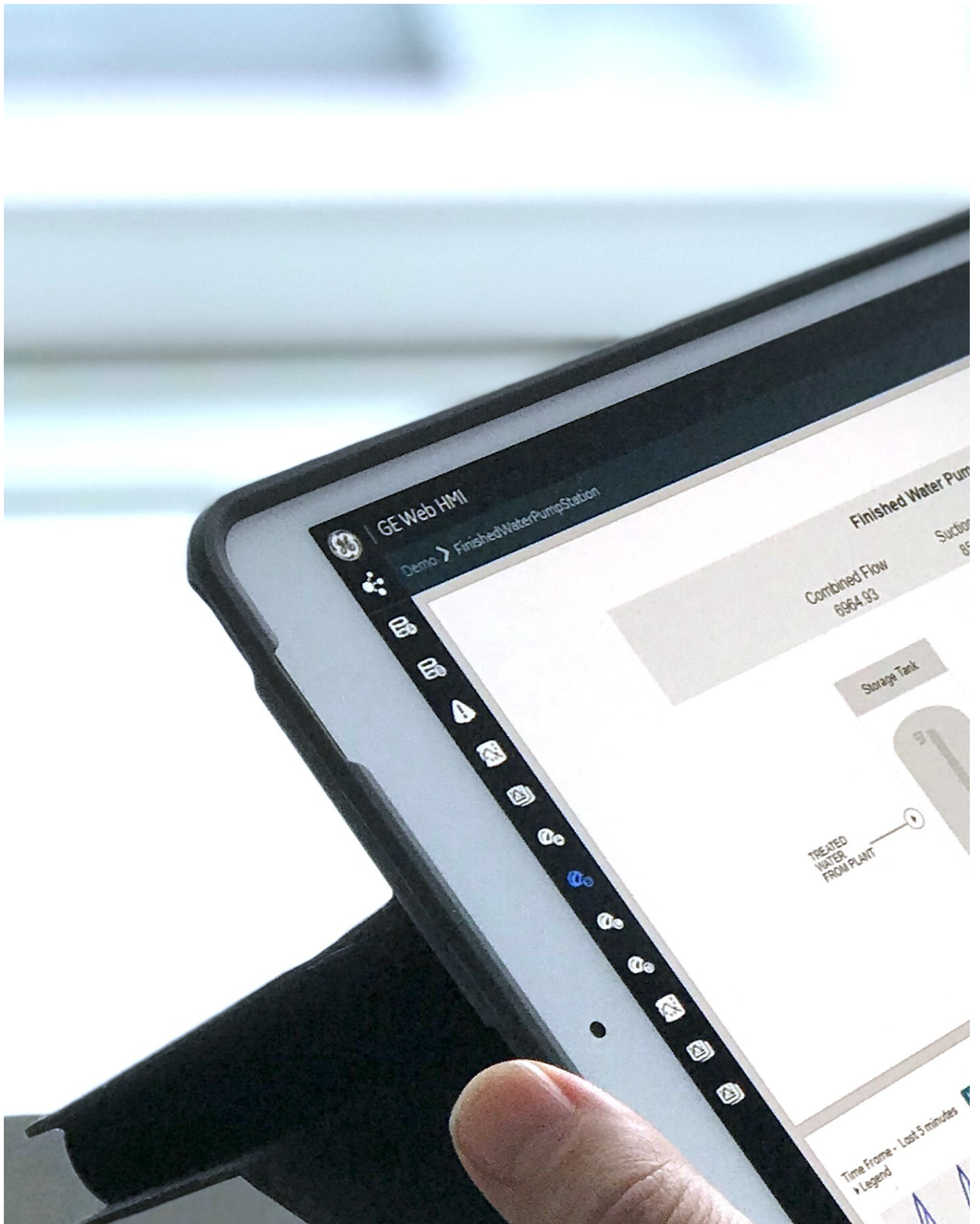
- Used by nearly 20,000 industrial organizations around the world for plant-wide connectivity, visibility and control.
- Improves operational productivity by providing operators with High Performance HMI to give users the most informed view of a problem or task and secure visualization from anywhere, any time.
- Provides immediate value on its own or can be deployed alongside other Predix software products to drive additional outcomes across a customer's entire asset or system lifecycle.

On-Site Contact

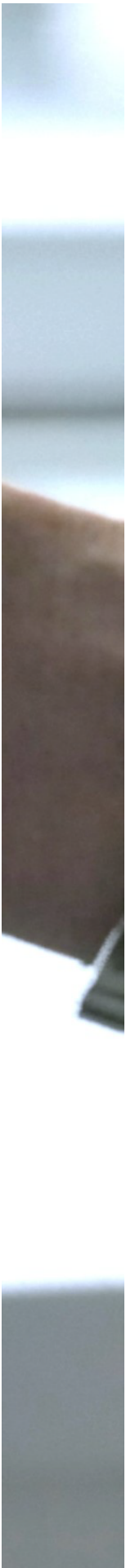
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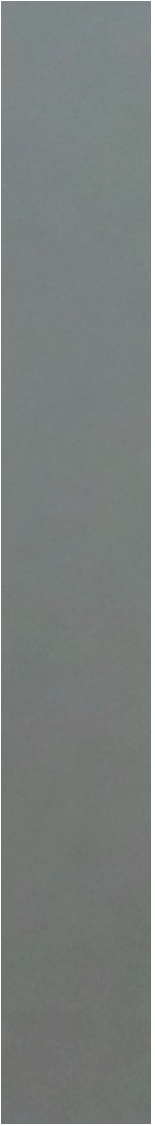














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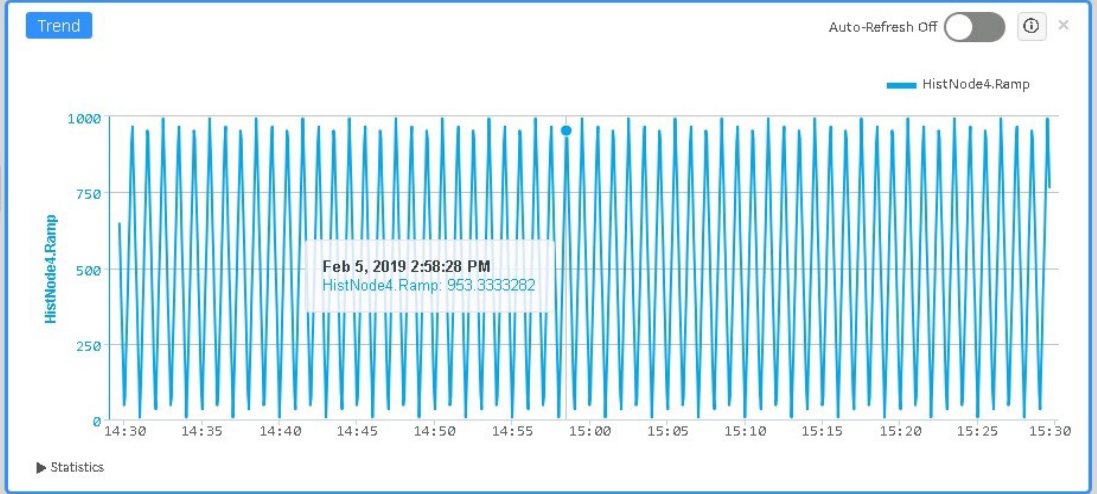
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