



## Improve operational productivity by driving decision support with High

select a set of tags, and automatically populate the iFIX database with the new tags. This new Web-based configuration also supports High Availability SCADA synchronization out of the box.

## Find information easily with a context-rich HMI based on the model structure

Responsive design allows you to build the application, so information is readily available on PC displays, tablets, and mobile phones, allowing access to information and insights into your operations from anywhere, any time.

## Fast, automatic response based on IIoT data

### High Performance HMI/SCADA increases efficiency & reduces costs

With just a glance, operators should be able to recognize which information requires their attention and what action needs to be taken. They need to know quickly what problems have arisen and how they can be addressed efficiently. You can enable smart operators with new fourth-generation HMI/SCADA. The new iFIX 2024, part of the Proficy family from Velotic Software, leverages the latest technologies that help deliver faster time to insight and greater efficiency for your operations while speeding time-to-insight for system integrators.

iFIX 2024 offers several core enhancements to decrease deployment time, while increasing operational efficiency in a highly secure-by-design method to improve equipment up-time and reduce cost and risk. These enhancements include a new native OPC UA client driver, web-based configuration with automatic tag population in the iFIX database, new High Performance alarm-related Dynamos, and more.

### Improve connectivity and deployment with native OPC UA and Web-based configuration

iFIX 2024 introduces a new native OPC UA client driver, which can be added to any iFIX server. As a native driver, this new option offers higher performance. Once added to the iFIX SCU, users can configure the server, groups, and tags using a new HTML5 browser-based configuration tool. iFIX 2024's powerful new HTML5 native web client allows users to configure the connection to the OPC UA server, browse for data sources,

This context-rich HMI changes as the user moves through the system. Navigation is derived from the model structure built by the engineer. The context follows the asset definition and is defined only once for a class of assets. This prescribed experience provides operators with relevant information – in context – and minimizes the effort to find it.

### Reduce time to solution with High Performance HMI out of the box

To help engineers create the right user experience, iFIX 2024 contains predefined objects and templates designed using High Performance HMI concepts. With Version 2024, iFIX High Performance Dynamos include new support for alarm operating limits. Users can add and enable smart alarm limits to horizontal and linear gauges and tanks.

### Achieve visualization where you need it, anywhere, any time

Thanks to our wide range of HTML5-compatible clients such as Webspace and Web HMI, iFIX screens can be used to deliver information anywhere, any time, on a desktop, tablet, or smartphone – regardless of the form factor.

### Reduce risk with secure-by-design technology

iFIX leverages open and secure standards such as OPC UA, digital certificates, and Web tokens, which means you can deploy with confidence. Take advantage of GE Digital's

iFIX Secure Deployment Guide for best practice recommendations.

## Features

“HMI/SCADA software is increasing its role as an integration and business intelligence hub, providing connectivity and visualization to business, engineering, supply chain, and CPM/MES software systems in addition to its traditional display and control role for plant equipment and automation systems located throughout factories and plants globally.” - ARC

New in Version 2024: native OPC UA client driver (optional) to connect to an OPC UA Server; HTML5 native web client that allows users to configure connection to OPC UA Server, browse for data sources, and automatically populate the iFIX database with new tags; High Performance Dynamos now support working with alarm operating limits including Display Alarm Limits and Enable Smart Limits; ability to create a common Historian server configuration that can be used across multiple Windows user accounts; support for iFIX users (both native and Windows) to automatically log into iFIX; and more. See product documentation for additional information.

- Time lapse playback
- High Performance Dynamos and other features at your fingertips for Efficient HMI
- Available options for high availability, alarm notification, and CFR 21 Part 11 support (eSig)
- Optional Web HMI
- Structured asset model mapped to the SCADA database
- HTML5 object library for a more efficient HMI and HTML5 content generation from the workspace
- Base API to consume external HTML5 content
- Standard layouts and cards on topics such as trends, alarms, KPIs, and more
- Multi-touch alarm and trend viewer
- Local, remote over LAN, WAN, or Internet connections, including VPN
- Encrypted communication from your Web client using SSL / digital certificate, IT security friendly, and cloud ready

The following Hardware Requirements are not comprehensive.

Please refer to the Getting Started Guide or Product Manager for complete requirements information related to your application.

- A 2.4 GHz Intel Core2 Duo Processor or better computer. For better performance, GE Digital recommends a minimum 3 GHz computer with 8 GB memory or better is needed. Be aware that the computer must be at least dual core; a single core is not supported ( with or without hyper-threading).
- A minimum of 8 GB RAM. For better performance, please consider using more.
- A minimum of 30 GB of free hard drive space for iFIX pictures, databases, alarm files, and other data files.

## Hardware Requirements: