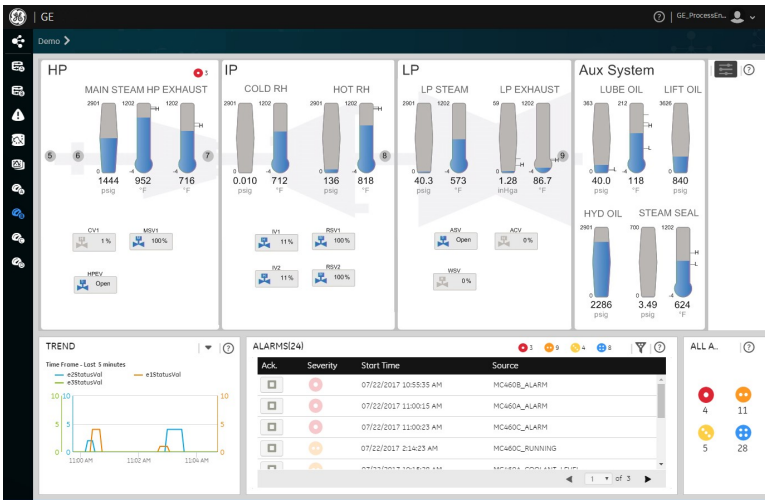


Precisely monitor and control every aspect of your industrial operations



Drive faster time to value with Rapid Application Development (RAD) tools

Deploy solutions faster with powerful new RAD tools including OPC UA auto discovery, which significantly speeds database creation from OPC UA data sources. Version 11 also introduces a Classes/Objects browser for animations and expressions and improves Smart Object building capabilities with enhancements to reduce or eliminate scripting. With CIMPLICITY, you can employ object oriented design for easy repeatability and faster time to value through modeled context. You can use classes and objects to build a structured database quickly. Modeling capabilities in CIMPLICITY allow you to create

Enable smarter operators with Efficient HMI for the right actions and outcomes

As a proven automation platform, CIMPLICITY from Velotic Software provides true client/server visualization and control from single machines to plant locations spanning the world helping you manage your operations and improve decision making.

Based on decades of research and development and part of the Proficy family from Velotic, CIMPLICITY is the HMI/SCADA of choice for the world's largest manufacturers and utilities. For applications of all sizes, CIMPLICITY can help deliver faster response, reduced costs, and increased profitability.

Our latest version significantly reduces time to value with Rapid Application Development tools including new OPC UA auto discovery, enhanced mimic building tools and libraries, and REST APIs for remote configuration. Version 11 also features SQL AlwaysOn support for high availability, threadpooling to increase overall system performance, alarm setup enhancements, and support for the latest operating system and database updates.

Decrease operator response time and errors with High Performance HMI/SCADA

CIMPLICITY changes the HMI experience to enable decision support for the user. The overall HMI layout is designed to provide users with the most informed, personalized view of the problem or task at hand for faster response and fewer errors. Additionally, sophisticated alarm management and escalation capabilities can assist operators to see and

act on the alarms that matter, improving efficiency and reducing risk.

templated applications for repeatable assets, further speeding configuration.

Achieve visualization where you need it

CIMPLICITY screens through the Web HMI, Webspaces or Operations Hub are full HTML5 compliant and support responsive design concepts. The displays support multi touch and can scale to adapt to various form factors and orientations where the HMI will be viewed from small to large screens.

Leverage standards for IOT interoperability

CIMPLICITY delivers a standards based open ecosystem for superior interoperability and the foundation for IoT. CIMPLICITY reflects GE Digital's commitment to OPC UA, MQTT, ISA 18.2, ISA 101, and more.

Improve connectivity, security, and reliability across your entire operations

With OPC UA Server support for modeled data, CIMPLICITY helps you aggregate systems for a single connection to your SCADA and consolidated views. Additionally, CIMPLICITY's Global Discovery Server reduces threats from cyber attacks with overall certificate based communication. Robust coding practices and secure configuration guidance (Achilles Practices/IEC 62443) make CIMPLICITY the SCADA of choice to help meet the most demanding security requirements.

Features

- OPC UA auto discovery: Connect to OPC UA servers utilizing Global Discovery Server, browse UA server namespace, multi

“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

select variables to create CIMPLICITY database (offline or dynamic)

- Reduce/eliminate scripting: open/overlay screen variable assignment by value, text animation writing to a variable, variable assign procedures, function to retrieve Terminal Services Session ID, faceplate options (remove system menu, pinning), tooltips (justification, multi line, rounded corners)
- Enhanced expression functions (Time, shape, text formatting) & class browsing for expression building
- SQL Always-On support for high availability
- Script execution threading to boost performance
- Other: Enhancements to alarm setup and Change Approval, CIMPLICITY online Help/documentation, database storage for status logs, Windows Server 2019 and SQL 2017 support Proven, Multi-Purpose HMI/SCADA Efficient Operations
- Alarm management and escalation
- Work process management
- Production tracking
- SPC, recipe, incident playback (DGR)
- Device connectivity
- High availability Powerful Development Tools
- Design library
- Database model based design (Classes/Objects)
- Extensibility (VB, .NET, Rich APIs)
- Open standards (ISA, IEC, OPC) Highly Scalable
- Small systems to large (>500K) point count
- Enterprise server

Hardware Requirements:

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 4 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 2 GB RAM. For better performance, please consider using more.
- A minimum of 10 GB of free hard drive space for iFIX pictures, databases, alarm files, and other data files.

Software Requirements:

- CIMPLICITY 11 supports the following operating systems:
- Microsoft Windows 10 (32 bit or 64 bit), P/E/U Editions
- Microsoft Windows 10 IoT Enterprise (LTSB) only full blown IoT version is supported. Not the core and mobile versions.
- Microsoft Windows 8.1 (32 bit or 64 bit), P/E/U Editions
- Microsoft Windows Server 2019
- Microsoft Windows Server 2019 Cluster
- Microsoft Windows Server 2016
- Microsoft Windows Server 2016 Cluster
- Microsoft Windows Server 2012 R2
- Supported: Microsoft SQL Server 2017, 2016, 2014; SQL Express 2017, 2016, 2014; Microsoft Visual Studio 2017; Oracle 12C