CIMPLICITY 9.5 from GE Digital

Precisely monitor and control every aspect of your industrial operations with edge-to-cloud innovation

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

As a proven automation platform, [CIMPLICITY from GE Digital](#) 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 GE Digital's research and development, CIMPLICITY is the HMI and SCADA of choice for the world's largest manufacturers. For applications of all sizes, CIMPLICITY can help deliver faster response, reduced costs, and increased profitability.

Our latest version enables Efficient HMI to speed operator actions, offers secure-by-design connectivity and certification management, enhances modeling for repeatability and time savings, and provides the latest operating system and database updates.

Outcomes

- Speed problem detection and response with ISA and GE research-based design concepts for Efficient HMI
- Reduce time-to-value with object-oriented design for repeatability
- Improve decision-making with richer information in context, supported by modeled data
- Reduce threat of cyber attacks with overall certificate-based communications
- Simplify operations with modular connectivity and aggregation to a single connection, leveraging GE Digital's OPC UA Server and providing an on-ramp to the cloud for the next step in your digital industrial journey
- Boost security and reliability with the latest operating system and database updates, including Microsoft Windows 10 support

01 Decrease operator response time and errors with Efficient HMI and SCADA

With CIMPLICITY's Efficient HMI design library, you have defined objects that deliver a better operator experience. Take advantage of configurable tool tips for objects and an improved text tool. With more efficient screens, you can speed response while reducing operator errors.

02 Drive faster time-to-value with enhanced repeatability

System integrators and developers can deploy solutions faster with CIMPLICITY's enhanced database with class containment. Employ object-oriented design for easy repeatability and faster time-to-value through modeled context. You can use classes and objects for building a structured database quickly. New containment capabilities allow for structures within structures while dynamic class definition yields continued uptime.

03 Reduce configuration with modular connectivity and modeling, using the OPC UA Server

With OPC UA Server support for modeled data, CIMPLICITY helps you aggregate systems for a single connection to your SCADA and consolidated views. You can decrease configuration for accessing multiple controls and systems—both UA and non-UA sources. Leverage modular system design capabilities and a powerful model for a context-based system view.

With thousands of installations, CIMPLICITY offers trusted performance, reliability, one of the richest HMI/SCADA feature sets, and edge-to-cloud innovation from GE Digital.

04 Improve security and reliability across your entire operations

CIMPLICITY's Global Discovery Server reduces threats from cyber attacks with overall certificate-based communication. You can reduce your operational technology (OT) maintenance costs with secure-by-design innovation. CIMPLICITY also provides enhanced password enforcement. Support for the latest operating systems, including Windows 10, further enhances security with up-to-date technology.

"Using GE Digital's software has enabled us to demonstrably increase productivity and significantly improve the process quality. The software facilitates the daily work of our staff."

Martin Siegenthaler, Process Automation and System Support, Blaser Swisslube AG

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Features

- Enhanced user experience with design libraries and faceplates, based on research-based concepts for more robust displays

- Model and class enhancements with class containment

- OPC UA for secure-by-design interoperability, including the OPC UA server for consolidated data in context to the model with certificate management

- Structured data for consumption by OPC UA clients

- Access data from CIMPLICITY for a standard interface

- Support for CIMPLICITY classes and structures

- Security with the Global Discovery Server for certificate management

- Data aggregation from UA and non-UA sources

- Updated for new IT standards, including Windows 10 support and Historian from GE Digital support

Hardware requirements

- Intel Core 2 Duo 3.0 GHz or better computer.

- A minimum of 4 GB RAM.

- A minimum of 40 GB of free hard drive space.

Software requirements

- One of the following operating systems:
  - Microsoft Windows 10
  - Microsoft Windows Server 2012 and R2
  - Microsoft Windows Server 2008 R2 SP1
  - Microsoft Windows 8 and 8.1
  - Microsoft Windows 7 SP1

- Supported: Microsoft SQL Server 2014, 2012 (11.x), 2008 R2; SQL Express 2014 and 2012; Microsoft Visual Studio 2012.4; Oracle 12C

Hardware and software requirements are representative and may vary by customer deployment. Please consult the product documentation for more details.

Improve your efficiency with the high performance HMI and SCADA capabilities in CIMPLICITY 9.5. With the latest innovation in HMI designs for efficiency, your operators can quickly identify problems and causes for a fast resolution.

LEARN MORE

With CIMPLICITY 9.5's Efficient HMI design library, you have defined objects that deliver better screens for an improved operator experience.

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Services

In the world of Industrial Internet of Things (IIoT), organizations are able to optimize productivity, reduce costs, and achieve Operational Excellence. While this is an exciting time for opportunity and growth, it can also bring on new challenges, questions, and uncertainty. No matter where you are on your IIoT journey, GE Digital has the right services offering for you.

Advisory Services We can help you plan and start your IIoT journey in a way that aligns to your specific business outcomes.

Managed Services We can help you maintain your critical machines from one of our remote locations around the world using model-based predictive-analytic technology.

Implementation Services Our experienced global Automation partners can implement a collaborative, multi-generational program that marries your existing investments to the right enhancements and technology.
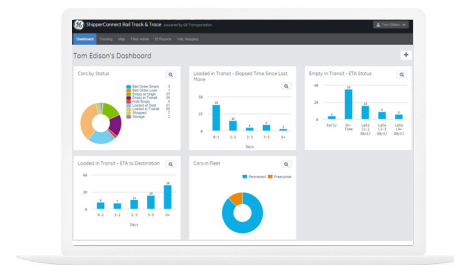
Education Services We specialize in education services to ensure that you're leveraging our solutions to the fullest extent with our training and certificate programs.

GlobalCare Support Services Let us help by ensuring that your business continues to operate at its highest efficiency, all while mitigating risks to your investments.

Wurldtech Security Services Our solutions provide industrial-grade security for a wide range of OT network and application topologies.

Related products

GE Digital's HMI and SCADA suite helps you precisely monitor, control, and visualize every aspect of your operations, enabling operators to make the best decisions faster.

Tracker →
Accelerate time-to-market and improve just-in-sequence performance at global scale in automotive manufacturing.

Workflow →
Guide operators with dynamic, interactive electronic work instructions and eSOPs for more consistent operations and optimized processes.

PREDIX

Predix →
Innovate and transform your business with the cloud-based operating system for the Industrial Internet, purpose-built for industry.
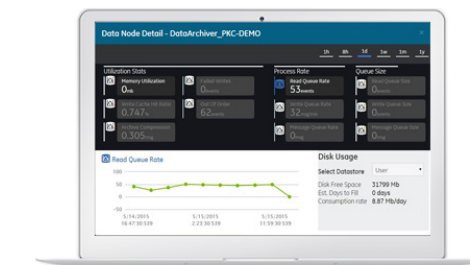
Continue your IIoT journey

Transforming your business requires innovative foundational solutions that lay the groundwork for optimized performance.

Cyber Security for OT →
Take the right actions to increase resilience, help ensure safety, and maintain availability across your operational technology (OT) environment.

Historian →
Optimize asset and plant performance through time-series industrial data collection and aggregation, leveraging predix IIoT connectivity.

Mobile →
Take industrial automation to a new level, transforming operational data into actionable information, accessible anywhere, anytime.

Contact

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