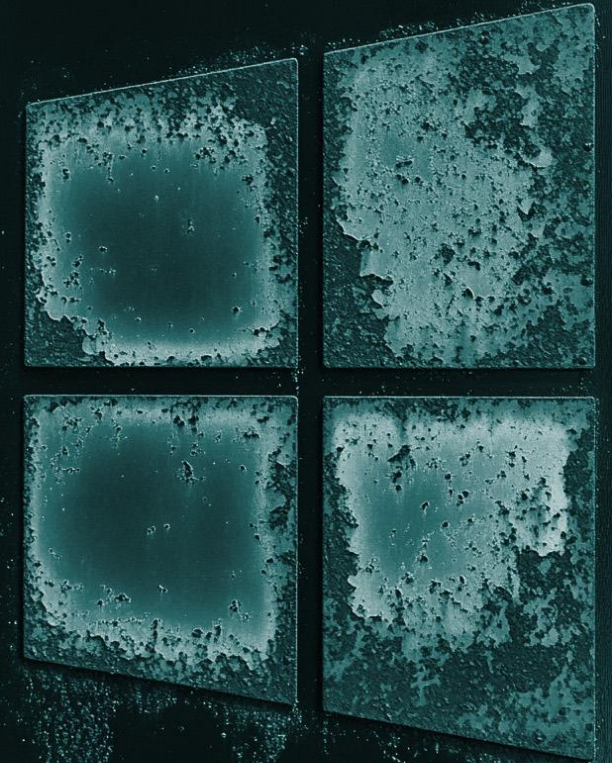GE VERNOVA

PROFICY® SOFTWARE & SERVICES

ARE YOUR PLANT OPERATIONS RUNNING WITH SERIOUS RISK?

Upgrade your HMI/SCADA before Windows 10 support ends! *

* October 14, 2025

HMI/SCADA USERS:
SAY GOODBYE TO WINDOWS 10!

The original version of Windows 10 was released in July 2015.

Are you still using Windows 10®?

Well, you are not alone ...

As of January 2025, Windows 10 remains the dominant Operating System worldwide, with approximately 63% of the desktop Windows market share*. Given that there are over 1.4 billion active Windows devices globally, this suggests that over
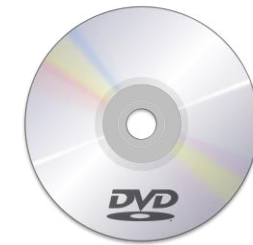
880 million PCs are still running Windows 10 – not an excuse to keep running it! Here is why...

* Source: TECHRADAR

That was then.
2015...

iPhone 6 & 6 plus

DVDs and Blu-rays

Fax machines

MICROSOFT WILL STOP SUPPORTING WINDOWS 10 ON

OCT. 14, 2025

After this date, the operating system will no longer be supported, meaning it will not receive security or feature updates, which may impact your system's security and performance.

TAKE ACTION,

PLAN YOUR TRANSITION NOW!

NOTES ON SPECIAL VERSIONS
- The IOT version will still be supported until Jan. 2027 (widely used by OEMs)
- Windows 10 IoT Enterprise LTSC extended support ends on January 13, 2032, while Windows 10 Enterprise LTSC runs until January 9, 2029.

WHAT "NO LONGER SUPPORTED OS" MEANS ...

Windows 10 End of Life (EoL) means that Microsoft will no longer provide technical support, security updates, or new feature updates for the Windows 10 operating system.

The end of support date is significant because it means your PC will no longer receive updates that keep it secure and running smoothly.

The final version of Windows 10, 22H2, will be the last one. All editions will keep getting monthly security update releases until then.

Windows 11, will then become the only supported OS.

Windows 10 Home and Pro

Windows 10 Home and Pro follows the Modern Lifecycle Policy.

This applies to the following editions: Home, Pro, Pro Education, Pro for Workstations

ⓘ **Important**

Windows 10 will reach end of support on October 14, 2025. The current version, 22H2, will be the final version of Windows 10, and all editions will remain in support with monthly security update releases through that date. Existing LTSC releases will continue to receive updates beyond that date based on their specific lifecycles.

Support dates are shown in the Pacific Time Zone (PT) - Redmond, WA, USA.

Support Dates

⬚ Expand table

Listing	Start Date	Retirement Date
Windows 10 Home and Pro	Jul 29, 2015	Oct 14, 2025

Releases

⬚ Expand table

Version	Start Date	End Date
Version 22H2	Oct 18, 2022	Oct 14, 2025
Version 21H2	Nov 16, 2021	Jun 13, 2023
Version 21H1	May 18, 2021	Dec 13, 2022
Version 20H2	Oct 20, 2020	May 10, 2022
Version 2004		

NO MORE TECHNICAL SUPPORT

NO SECURITY UPDATES

NO NEW FEATURE UPDATES

IS YOUR OWN APPLICATION AT RISK?
ASK YOURSELF...
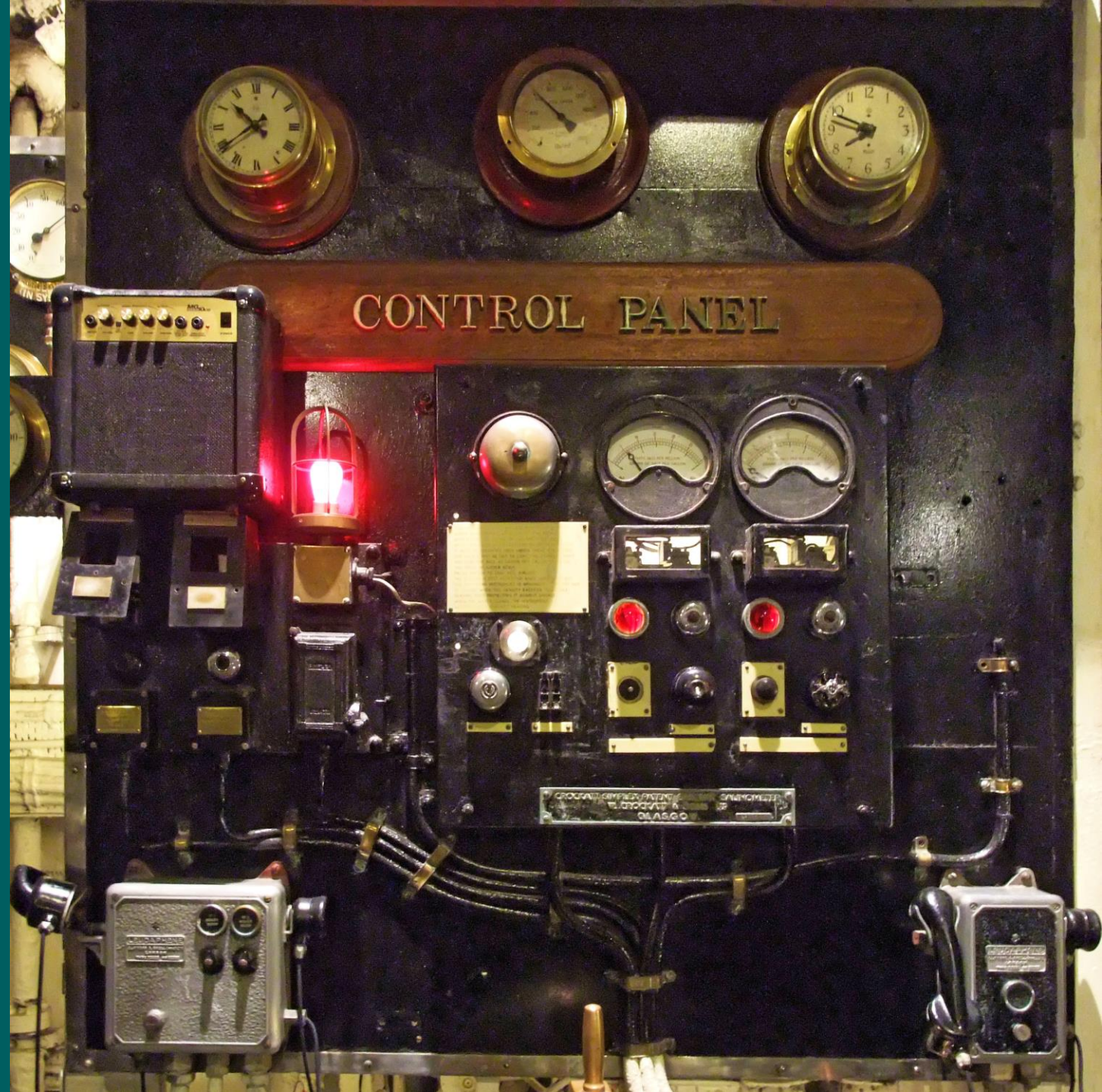
WHAT MIGHT HAPPEN IF YOU CONTINUE USING AN OBSOLETE OS AFTER SUPPORT ENDS?

Your computer will still work but it might become more vulnerable to security risks and viruses … *Viruses, Ransomware, Worms, Trojans, Keystroke-loggers* …

Software & hardware manufacturers optimize for more recent versions of Windows. You can expect to encounter greater numbers of apps and devices that do not work with Windows 10 moving forward

Beware of increased costs:

- Cost of maintenance
- Cost of unplanned downtime
- Cost of not being efficient

Minimize these risks now – before unplanned downtime and disaster occur

5 GOOD REASONS TO UPGRADE YOUR HMI/SCADA

1 Enhance the security of your systems.

2 Avoid Obsolescence

3 Benefit from new functionalities

4 Modernize your User Experience & "Mobilize" your application

5 Leverage Advanced Analytics

UPDATE

STEPS TO MINIMIZING UNPLANNED DOWNTIME AND PROTECT YOUR ORGANIZATION

Assessing your current system

One of the first steps is to understand your current system and the impact of upgrading your Windows 10 operating system. Capture your architecture and system information such as:

- What operating system are your servers and clients currently running?

- If you have Windows 10, is being used to run the HMI client, or is it also running as a SCADA server?

- What is the version of iFIX or CIMPLICITY running on that system?

- What version of Proficy Historian is installed?

- What other software is on those systems that is essential to the process? Example could be a driver or OT communication software or a relational database. What version of these are installed?

- What is the risk of not upgrading immediately?

Requirements?

Based on the collected information, you can then assess the next steps and consider what is required as part of the upgrade.

- Does the version of HMI or SCADA support windows 11?

- Does the version of Historian, drivers, or other software on the PC support Windows 11?

- Does the hardware that I am running support Windows 11? Windows 11 can only be installed on PCs with the following specs:

  - Processors/CPUs: 1 Ghz or faster with 2 or more cores and appearing on MS's list of approved CPUs.

  - RAM: 4 GB. If your PC has less than 4GB of memory

  - Storage: 64 GB or larger storage device

  - System Firmware: UEFI (for Unified Extensible Firmware Interface, a modern version of the PC BIOS) and Secure Boot capable

  - TPM: Trusted Platform Module (TPM) version 2.0

  - Graphics Card: Compatible with DirectX 12 or later with WDDM 2.0 driver.

  - Display: High definition (720p) display that is greater than 9" diagonally, 8 bits per color channel.

Look at the overall architecture to centralize operations & management of your system to reduce time for future upgrades/ongoing updates!

Thin Client Architecture
- Will reduce the update time for the HMI clients - a single location for the software to be upgraded vs. every PC running the HMI software
- Typically managed centrally, and operators would log in through an RDP client or web browser.
- Also provides the benefit for patches and HMI screen updates to be handled centrally as you move forward.

Virtualization
Consider installing your update on a virtual machine.
- Isolate the Operating System from the hardware for reduced hardware costs, additional security, improved uptime, reduced maintenance in addition to reduced energy usage.
- Look at thin client architecture - this is a great place to install and run your thin client server to manage those centralized clients.

Centralizing your SCADA
- Consider if running multiple servers in not required and centralizing will gain the benefit of less systems to maintain.
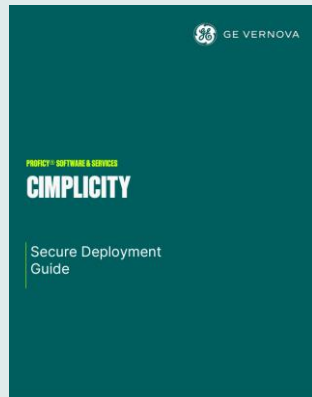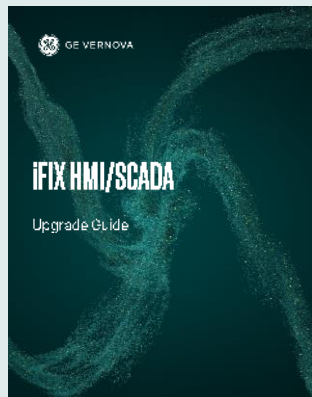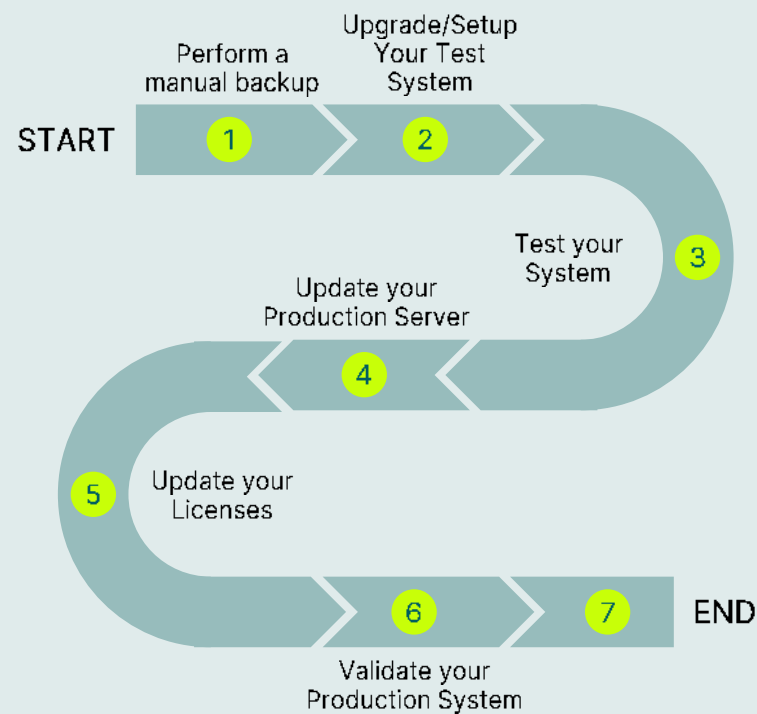
Cloud Infrastructure
- Cloud based solutions provide the benefit of not managing your own data centers, hardware, windows updates and more
- Choose a hybrid architecture where you still have data & control at the site as well as data in cloud for less critical purposes such as reporting and dashboards
- Consider moving your historical data to the cloud for future use such as analytics or central enterprise views

Authentication
- There is a growing need to offer multifactor authentication in industries such as water/wastewater
- As part of more recent releases of Proficy Software, we now offers Proficy Authentication which allows configuration of Windows authentication as well as other authentication services such as OATH2
- Proficy Authentication also provides the benefit of Single Sign On which means your operators won't have to login in multiple times to see information from different systems.

YOUR UPGRADE & SECURITY WORKFLOW

START

1. Perform a manual backup
2. Upgrade/Setup Your Test System
3. Test your System
4. Update your Production Server
5. Update your Licenses
6. Validate your Production System
7. **END**

iFIX HMI/SCADA
Upgrade Guide

PROFICY® SOFTWARE & SERVICES
CIMPLICITY
Secure Deployment Guide

CIMPLICITY HMI/SCADA
Upgrade Guide

TIP

Schedule regular HMI/SCADA risk assessments and reviews

- **Not a one-time** or once-a-year activity

- Incorporate risk assessments and reviews into your schedule

- The frequency depends on your business, industry and plant applications

- **Start with a conservative, high-frequency schedule** – increase the time between assessments, as needed

- **Assign a champion** to minimize risk in your plant operations to drive leadership and consistency to the program

Upgrade Guides & Secure Deployment Guides available from our web site
Please contact your local sales representative for more information

STRENGTHEN YOUR HMI/SCADA

Leverage Advanced Analytics

Considering how advanced analytics may play a role in the future of your plant?

Looking at how you can optimize your process or operations to reduce cost or become more efficient?

The basis of analytics is data. So even if you won't be leveraging analytics immediately, you may want to consider starting to capture the data that will be required now to get immediate impact when you decide to leverage it.

GE Vernova also provides Proficy CSense as a platform for data analysis, prediction, and optimization. In addition to the platform, prebuilt templates are available for Alarm patter analysis to help determine root cause of alarms and provide insights to the operator for resolving the alarm, monitoring sensors, and PID loop health monitoring as well
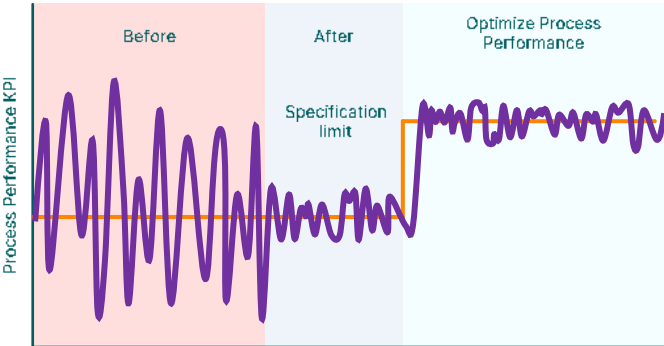
Modernizing your User Experience

In addition to relooking at your client architecture, you may want to also consider looking at the modernizing the experience for the Operators or other users of the HMI application and data.

User Experience (UX) is about:

- Making the displays most optimal for the end user role to ensure they can identify and respond quickly to actionable information such as alarms and potential issues that may arise

- Ensuring clarity and minimizing the information minimum to what is most important for the role

- Look at technology such as Operations Hub to deliver HTML5-based displays for operations as well as other roles

Implementation of an updated user experience

- Take a step back and understand the various roles, the information they need

- KEY: Develop a style guide to provide consistency of the application screens

- Leverage tools such as modelling and templates to help ensure consistency across the HMI screens

Continuous Product Improvements & New functionalities

Discover the new product capabilities in your CIMPLICITY and iFIX introduced over the recent years that you may not be taking advantage of!

Some key additions to our HMI/SCADA solutions include:

- Central Management – provides web-based project configuration, the ability to easily deploy screen and project changes & centralized license management.

- Modeling

- Proficy Authentication for single sign on and multifactor authentication

- New scripting technology

- New HTML5-based client

- Included analytics to help with optimization

- Historical screen playback

- General performance improvements

- Enhanced failover

- And more ...

Details are available on our documentation site, or you can contact your representative for information on additional capabilities that have been added since your installation.
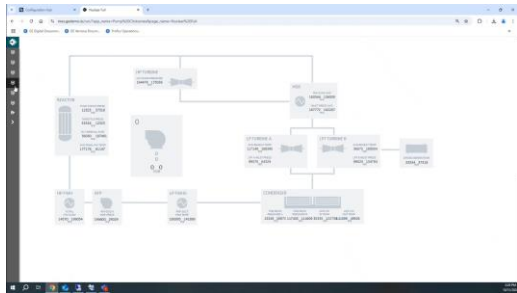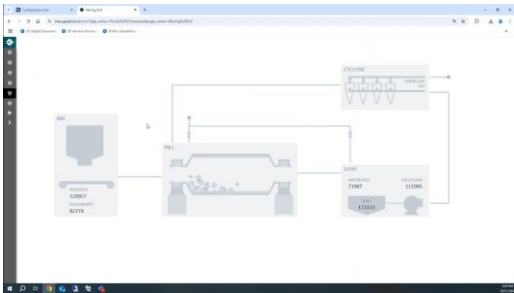
HOW CAN GE VERNOVA & OUR PARTNERS HELP?

Proficy Acceleration Plans from GE Vernova

Subscribe to Proficy Acceleration Plans and take advantage of our global team of experienced Support Professionals and Customer Success Managers as well as our Education Services.

We offer various support options to meet your specific organization needs and optimize your Proficy® software experience. Proficy Acceleration Plans offer a robust end-to-end support experience by combining:

- Exceptional technical support and maintenance

- Extensive education offerings

- Structured adoption readiness and outcome plans services

Contact your representative for assistance in:

- Windows 10 risk assessment

- Architectural guidance

- Libraries and screen assessment

- Secure deployment guides
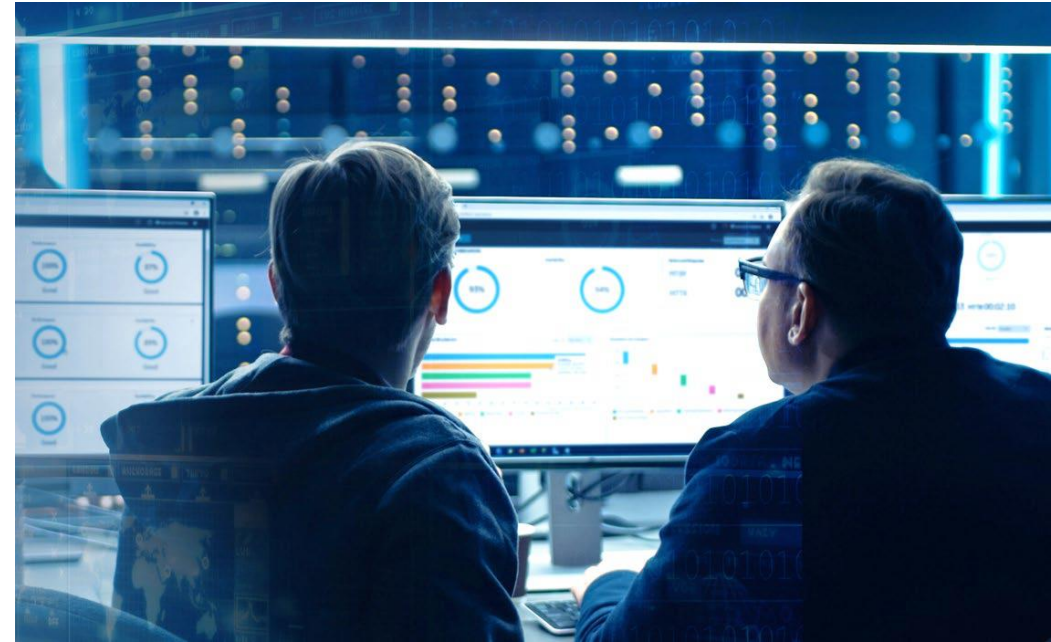
ABOUT GE VERNOVA'S PROFICY® SOFTWARE & SERVICES

GE Vernova's Proficy® Software & Services empowers teams, illuminating the path to a greener, more profitable future. Our proven industrial software accelerates innovation, enables connected workers, and operationalizes sustainability. We're driving measurable progress for over 20,000 diverse customers around the world.
The Proficy portfolio includes cloud-based and on-prem HMI/SCADA, MES, industrial data management, and analytics. Our software solves the toughest industrial challenges and is used in applications such as discrete, hybrid, and continuous manufacturing; utilities automation; metro transit; and much more. Proficy offers architecture flexibility including single machines, remote substations, and complex, distributed networks that span multiple factories and geographies.

Explore Proficy Software & Services