

GE Digital's CIMPLICITY 2022 Monitors and Controls Industrial Operations with Centralized, Remote, and Mobile Innovation

- *Drives fast time-to-value with expanded Rapid Application Development (RAD) tools; speeds problem detection and response with ISA and GE Research-based design concepts*
- *Improves connectivity, security, and reliability across the entire operation*
- *Minimizes maintenance time and costs with zero deployment clients*

SAN RAMON, Calif. - FEBRUARY 24, 2022 -- [GE Digital](#) today announced the availability of the latest version of its industry-leading [CIMPLICITY 2022](#) HMI/SCADA software. A proven, secure-by-design automation platform, CIMPLICITY® provides true client/server visualization and control – from single machines to plant locations spanning the world – helping industrial companies manage operations, enable the connected worker, and achieve fast time to value with no/low code innovation.

Part of the Proficy® family from GE Digital and based on decades of research and development in cooperation with GE's renowned Research Center and the International Society of Automation (ISA), CIMPLICITY is the HMI/SCADA of choice for the world's largest manufacturers and utilities. For applications of all sizes, CIMPLICITY can deliver fast response, reduced costs, improved security, and increased profitability. This new version also provides options to deploy on-prem, in the cloud, or in a hybrid architecture to reduce infrastructure and maintenance costs.

“Our continued investment in CIMPLICITY innovation is paying off for customers,” said Richard Kenedi, General Manager for GE Digital's Manufacturing and Digital Plant business. “CIMPLICITY is a best-in-class HMI/SCADA for the enterprise that enables industrial companies to intelligently support and connect personnel with security and speed. This software solution reliably scales from OEMs using HMI to global Enterprise SCADA implementations. It can be a foundation for digital transformation and circularity.”



Other new capabilities further reduce time to solution, minimize total cost of ownership and empower the connected worker including: the flexibility of Python scripting, improving extensibility and ease of use; analytics through SCADA data and Python libraries; support for cloud infrastructures including Microsoft® Azure and Amazon Web Services® (AWS); and improved single-server scale and alarm visualization.

When customization is needed, for example in leveraging machine learning-based analytics to drive optimization, companies have indicated that the new Python capabilities in CIMPLICITY enable them to create scripts with up to 70% reduced development while improving maintainability compared to traditional scripting languages. With faster configuration and less complexity, analytics are more accessible to companies and support continuous improvement programs, reducing costs, improving quality, and increasing consistency.

CIMPLICITY is an ideal solution for industrial companies building remote operations centers including power, water utilities, metropolitan authorities such as rail and highways, and manufacturers with multiple locations. The software improves connectivity, security, and reliability across the entire organization. And because CIMPLICITY can handle large-scale projects with less servers, it not only minimizes maintenance time and costs with zero deployment clients, it also can reduce hardware and maintenance costs up to 5X as much compared to deployments with a higher number of servers.

[Rübig GmbH](#), a global provider of plasma nitriding systems for steel manufacturing, says that CIMPLICITY provides greater efficiency with remote access and online diagnostics as well as easy-to-use, real-time operator displays. Mekorot, Israel's National Water Company, achieves high availability and virtually no downtime with connected control featuring CIMPLICITY. And power utilities working with GE Gas Power's gas turbine fleet benefit from CIMPLICITY's operator interface innovation and reliable, real-time monitoring.

In addition, GE Digital has 40,000+ users in the automotive industry, with eight of the top global automotive OEMs relying on GE software such as CIMPLICITY. These



companies have achieved 70% reduction in maintenance training, two to six percent increase in equipment availability, and 10-15% increase in productivity. For example, [watch the webinar](#) here to see how a global automotive company is securing its future by redefining its manufacturing technology today.

Click on these links for more information about GE Digital's [CIMPLICITY](#) software and [Proficy portfolio](#).

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