

Quick Start for Proficy Operations Hub from GE Digital



Leverage expert Professional Services to rapidly deploy industrial applications for visibility, insight, and action

Accelerate your manufacturing modernization with expert implementation services, trusted deployment, and reliable training

The Quick Start for Proficy Operations Hub allows both new and current GE Digital customers to accelerate the move from a legacy UI to modern, Web-based visualization, providing both plant floor and management personnel with quick visibility, early insight, and immediate actionable information.

With the Quick Start for Proficy Operations Hub, manufacturers can leverage GE Digital's Professional Services team to successfully deploy Proficy Operations Hub – allowing manufacturing teams across all levels in an organization to visualize their processes and make better decisions based on real-time and historical plant-wide application data, including historian, MES and third party. Users can monitor, control, provide data entry, and perform analysis all through Proficy Operations Hub using a desktop, laptop, or any mobile device.

The Quick Start service provides a path for modernizing legacy visualization and transitioning reports and dashboards to a thin client based on the latest Web-based UI interactions.

With the Quick Start for Proficy Operations Hub, you can economically transition to a modern front end without backend or production changes, as part of a critical step toward digital transformation.

Outcomes

- Quickly transition from a thick client to Web-based graphics, allowing for better mobility and use throughout your manufacturing facilities
- Leverage expert rapid development of Web-based displays for operations
- Consolidate manufacturing data into modern, seamless visualization
- Transition your existing Proficy Plant Applications and Portal(RTIP) visualization
- Save time with consolidated and automatic reports
- Drive faster time to value with expert Professional Services

01 Modernize Proficy Plant Applications and Portal UI/UX

The Quick Start for Proficy Operations Hub provides fast assembly and conversion of Proficy Plant Applications or Portal (RTIP) reports, tables, and dashboards, using a comprehensive library of widgets and arranging them for responsive operator visualization.

Let GE Digital's Professional Services team quickly transform approximately 5-10 legacy reports / screens to accelerate your path to modernization..

02 Migrate and enhance legacy SQL reports

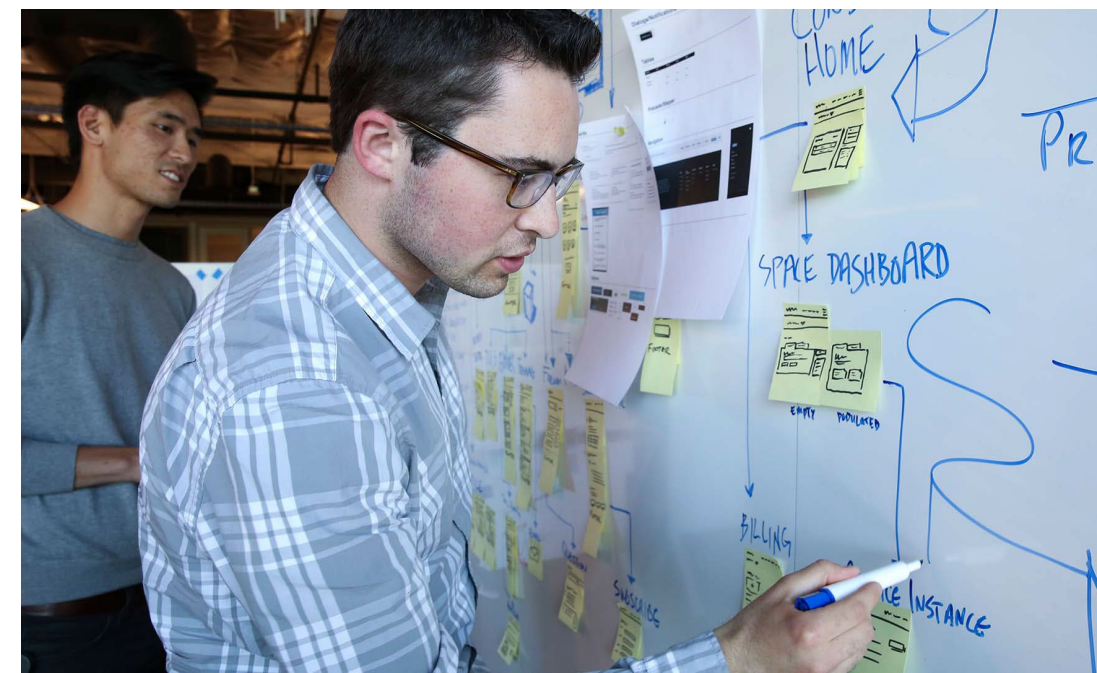
GE Digital's Professional Services team can expertly transition your legacy SQL or SSRS table reports to a modern view with easy-to-read graphics – for critical information at a glance.

Our team can redirect your data to Proficy Operations Hub with graphical widgets for improved data display and data mining, facilitating optimization of your manufacturing process.

03 Merge multiple sources into a consolidated UI/UX for your manufacturing data

Transition and combine legacy reports and data that previously required several reports or had to be combined or compared manually. The Quick Start for Proficy Operations Hub combines trending and event data to show a real-time manufacturing view for process review, troubleshooting issues, or routine manufacturing analysis.

The Quick Start for Proficy Operations Hub can also combine and assess data from legacy site repositories and cloud-based business systems, seamlessly allowing for time-based review of data overlaid onto manufacturing systems.



With GE Digital's Professional Services team and Proficy Operations Hub, you can quickly deploy modern High Performance, Web-based applications, enabling collaboration and continuous improvement.


Success with GE Digital's Professional Services

Your trusted partner for full deployment of your GE Digital products, resulting in better outcomes, reduced risks, and higher customer satisfaction – proven and supported around the world..

 **800,000** Deployment hours

 **245+** Deployments

 **200+** Skilled employees

 **90%** Customer satisfaction

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Features and Framework

The Quick Start for Proficy Operations Hub provides a bundled offering of product license and implementation expertise to:

- Identify use cases, solutions, and related business value that can be achieved near term
- Bring your team up-to-speed quickly to build the right application and realize benefit

Service Deliverables

GE Digital Professional Services software and industrial expertise with a focus on:

- Migrating reports to Proficy Operations Hub
- Proficy Operations Hub overview and customer consultation
- Technical support

Consultation

A Lean implementation approach to give added value in a short time. Sample schedule as follows:

- Week 1: Requirements gathering and discovery including 1-2 days on site, as required
- Week 2: Data source analysis and report design
- Week 3: Report development (max. 10 reports)
- Week 4: Review and validate with customer

Quick Start Packages

Modernize Proficy Plant Applications or Portal legacy reports

- Select 5-10 reports to convert to Proficy Operations Hub. Convert from thick client to Proficy Operations Hub Web browser
- Transition trending or time-series data into Proficy Operations Hub trend analysis chart
- Transition Proficy Plant Applications alarms to Proficy Operations Hub alarm grid

Transition SQL reports to Proficy Operations Hub

Convert SSRS or similar legacy reporting tool to Proficy Operations Hub browser with the following options:

- Keep the tabular SSRS report in a grid with similar look and feel
- Convert tabular SSRS reports and stored procedures to Proficy Operations Hub graphics choosing the most appropriate widget for the data
- Convert SQL trending data to Proficy Operations Hub chart

Merge and consolidate reports: New to GE's MES

- For companies new to GE Digital's MES solutions: first, quickly build an application to consolidate data.

Merge and consolidate reports: Existing GE MES User

- Combine multiple Proficy Plant Applications reports into a single comprehensive report, which could include a series of correlated widgets
- Combine or integrate time-series data overlaid on Proficy Plant Applications events
- Combine or integrate SQL stored procedures to support Proficy Plant Applications events for better visualization and data analysis
- Overlay ERP data for work/process orders on combined reports
- Aggregate data and display in appropriate widget for improved visualization and analysis

Assumptions

The Quick Start for Proficy Operations Hub assumes the GE Digital services team has access to your data sources or reporting environment with the proper credentials and permissions to directly load manufacturing data or review report mechanisms and resulting data. Assumes data for any new Proficy Operations Hub report or consolidation is already available. In case new data or data aggregation is required, it is assumed dataset will be provided by customer as output parameters of an API or an SQL stored procedure.

Software Requirements

Supported Operating Systems

Servers:

- Microsoft Windows Server 2019
- Microsoft Windows Server 2016

Client Operating Systems:

- Microsoft Windows Server 2019
- Microsoft Windows Server 2016
- Microsoft Windows Server 2012
- Microsoft Windows 10 Pro
- Microsoft Windows 8.1 Pro

Hardware Requirements

The following hardware requirements are not comprehensive. Please refer to the Getting Started Guide or GE Digital for complete requirements information related to your application.

Minimum Server Requirements:

- 4-core CPU
- 16GB RAM

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

About GE

GE (NYSE: GE) is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is organized around a global exchange of knowledge, the "GE Store," through which each business shares and accesses the same technology, markets, structure and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry.

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Learn more about the advantages of working with GE Digital's Professional Services team and how you can accelerate time to value with a Quick Start solution.

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