

PROFICIENCY WORKFLOW FROM GE VERNOVA



Digitize work processes to achieve the right actions, at the right time, for the right results

Guide operators with interactive, step-by-step instructions

With Workflow from GE Vernova, you can easily document processes, transfer knowledge, and drive consistency and predictability into your plant. Workflow provides step-by-step instructions to operators—from your choice of dedicated client—even when visualizing data from within your iFIX or CIMPLICITY HMI/SCADA application.

Digitize manual and automated processes with one tool across your entire facility— from plant operators and maintenance teams to field crews and leadership.

With documented processes and digitized procedures, every operator is an expert—with step-by-step instructions guiding the right actions.

OUTCOMES

- Ensure the right actions fast – anywhere, anytime
- Increase consistency – less errors, rework and waste
- Capture best practices before experts retire
- Move from acknowledging alarms to driving the right corrective actions
- Minimize training time and costs
- Compare staff performance and processes to optimize
- Ease compliance by enforcing procedures
- Provide task steps within your familiar HMI/SCADA
- Escalate events, including sending text messages and emails
- Bridge the gap between your SCADA and CMMS, triggering work orders based on SCADA events

01 Drive the right actions based on real-time SCADA data

With Workflow, you can go beyond SCADA alarm acknowledgement and drive the right corrective action. With a guided and consistent event response, you can reduce troubleshooting time and those midnight emergency phone calls. Use alarm corrective action to fix production faster and gain greater visibility by automatically sending tasks to people or other systems, enabling the right response.

02 Capture best practices before experienced operators retire

With an easy-to-use interface and template strategy, you can speed documentation and easily digitize best practices. Templates can allow the creation of hundreds of workflows in a short amount of time, minimizing the effort to document even the most complex work processes. The easy interface allows clerical support to enter and modify workflows, without technical assistance. When you need even more capabilities, Workflow's authoring environment gives power to your engineers to graphically digitize any process.

03 Optimize processes and performance with reports

Workflow gives you an unprecedented way to analyze and optimize both staff performance and work processes. You can automatically store task-related information into an audit trail, then use this data to generate reports and lean processes. Workflow includes report templates, and you can easily build custom reports. Analysis can include time to complete tasks, completed vs incomplete steps or tasks, reasons behind exceptions, staff performance variation, difficult steps, common alarms/events, and more.



04 Enable operators anywhere with mobile task instructions

With GE Vernova's WebSpace and our remote HMI clients, you can leverage the power of Workflow on the go to receive expert guidance while performing field jobs. In addition to digitized instructions, SOPs, and alarm response procedures, you can collaborate with experts and peers on tasks in real time.

"Hundreds of Department of Public Works hours are saved (annually), and effective and consistent operations are ensured."

Bill Fritz, P.E., Director of Public Works, Waterford Township, Michigan

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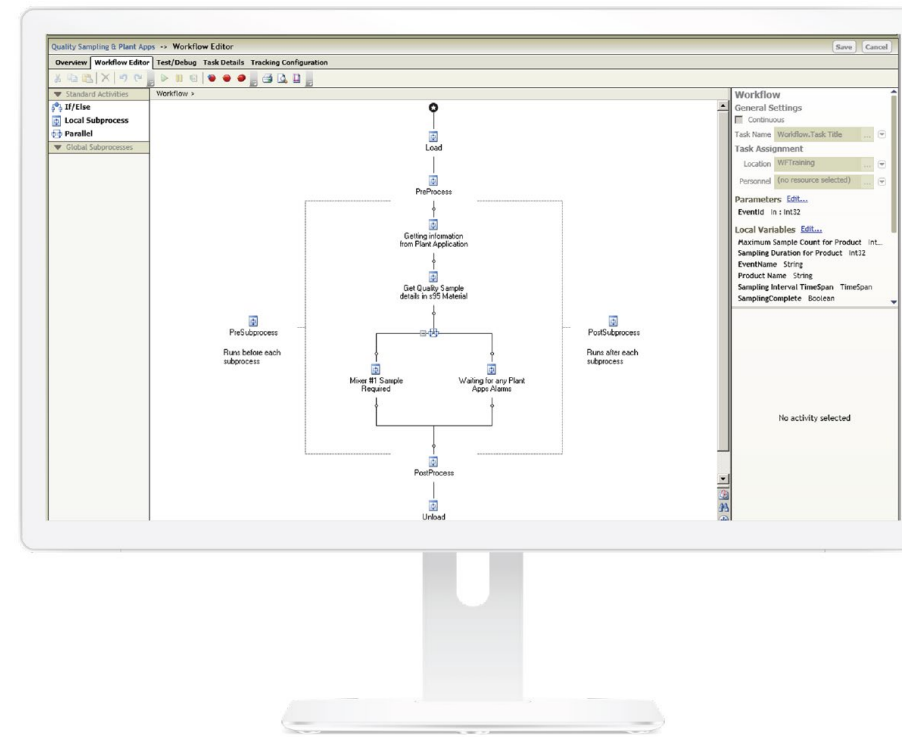
Features

- Guide operators with clear, step-by-step, interactive work instructions
- Document when, by whom, and how long work is performed
- eSignature and audit trails at your fingertips
- Trigger action based on time or events
- Embed videos, live feeds, pictures, manuals, and MSDS
- Automatic escalation and notification
- Bring context to your data using ISA-95 models
- Easy process configuration using graphical environment and templates
- Mobility: iOS, Android, Microsoft Surface tablets
- Service providers for Maximo, SAP PM, Infor, Cityworks, and more
- OPC UA connectivity: read and write to tags, server discovery, automatic security certificate setup.
- Email service provider enhancements: granularity to configure parameter used to send email, allows the user to add an attachment to an email.

Real-time instructions

Workflow can help you:

- Document audit trails, including eSignature
- Deliver information and functionality based on business processes and workforce roles
- Drive process visibility – know where orders are at in the plant, right now
- Eliminate scripting languages
- Synchronize sequences and processes
- Escalate expired work requirements
- Condition data for reporting



Popular Use Cases

- Electronic Standard Operating Procedures (eSOPs) / paperless operations
- Automate engineering spec changes
- Exception management/corrective action
- Event-triggered QA sampling request
- Quality check
- Quarantine
- Rework product/scrap product
- Production order dispatch
- Package finished goods
- Machine setup
- Delivery – Truck reception/receive materials
- Metal detector check
- Data conditioning/middleware

Consult [product documentation](#) for hardware/software requirements. Confirm standard vs optional features with GE Vernova representative. Specifications are subject to change without notice. Results and functionality vary, depending on existing hardware/software, applications, implementation, and other factors.

Guide the right operator response to SCADA and MES real-time events, reducing errors, risk, and costs with Workflow.

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