

New Feature Overview

FactoryLink[®] 7.5

Faster Every Day In Every Way



No doubt about it, every day the world moves a little bit faster and you need to be able to keep up.

FactoryLink from Tecnomatix is the fastest way to develop and deploy high-performance HMI/SCADA applications – putting you in complete control of your industrial processes.

New FactoryLink functionality allow faster development of regulatory applications, instant out-of-the-box reporting capabilities, and rapid deployment using one-click client installation technology.

● Total Security

Comprehensive new security and operator auditing functionality allow you to rapidly build secure applications compliant with the requirements of the US FDA 21 CFR Part 11 regulations and other GAMP (Good Automated Manufacturing Practices) initiatives.

- Single and dual electronic signatures with reason codes
- Historical auditing reports
- Authentication of users via Windows domain controllers
- Triple DES encryption of key security information



● Instantly Know

Automatic e-mailing of alarms and events allows users to quickly acknowledge and respond to upset conditions. The e-mail functionality is an integrated part of the alarm system on the server computer.

- Alarms can be sent to e-mail recipients on exception or time-based schedules
- E-mail alarm recipients can acknowledge the alarm remotely
- Unacknowledged alarms and events can be automatically escalated to other users

● Rapidly Understand

Out-of-the-box reporting enables users to instantly understand trends and tendencies in the operational knowledge they collect from managed processes. Streamlines regulatory reporting to save time and reduce errors through report templates that feature common requirements.

- Standard Microsoft Access application
- Included Microsoft SQL Server (the default data repository)
- Standard reports enables users to report change histories, detail reports, and more
- Allows users to create ad hoc (user-defined) reports by clicking on filters
- Template reports are easily extensible by anyone familiar with Microsoft Access

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● Configure Quicker

FactoryLink 7.5 introduces a 10x performance improvement in the automatic generation of systems using FactoryLink's groundbreaking application object technology. It is now possible to create large and "cookie cutter" applications even faster than before. User-defined "wizard-like" application objects empower you to build applications automatically by linking to and importing configuration information from external data sources, such as Microsoft Excel, ODBC databases, flat files, or user-defined HTML forms.

● Deploy Faster

One-Click Client enables rapid deployment of client nodes on a network using a lightweight install requiring no user intervention. For the IT professional, One-Click Client provides the ability to build customized install scripts so that each installation is identical and automatically configured for your environment.

- Wizard-based install of a client on a remote system on a LAN, WAN, or VPN
- Quick installation of client software
- Automatic update of cached mimics on client for fast loading
- Supports the full run-time functionality of FactoryLink's Client Builder
- Easy to maintain and use

● Accelerate Commissioning

New waveform and sequencing task helps to quickly develop projects by emulating real-world I/O and devices to accelerate system qualification and commissioning.

- Generate various waveforms to simulate changes in process variables
- Sequencing function that drives digital events based on steps

● Easier Redundancy

Rapid setup and licensing of redundant applications are made even easier by several ease-of-use and license server enhancements.

- Redundant license management for automatic pooling of CALs between servers
- Clients can now search a user-defined list of multiple license servers
- New control tags can be used to disable various functions on the backup server
- Drivers can use mailbox redundancy for efficient and easy redundant tag transfers between servers
- New application objects set up redundancy quickly and easily

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