FactoryTalk View ME v9.00

Design-Time Improvements
- Adopted new Rockwell Automation® common installer
- Persist MER build settings
- Import/Export Data Model Tags

Run-Time Enhancements
- Context-sensitive alarm behaviors
- Support Logix extended tag properties
- Open multiple displays when application is launched
- Persist communication shortcut changes in MER

Platform Support
- Revised PanelView™ Plus 7 Standard application constraints
- Connectivity improvements
- Windows 10 (32 / 64 bit) Support
Adopt Rockwell Automation Common Installer

Overview

• Common install experience for Logix Designer, View Designer, and FactoryTalk® View software users
• Install Now option simplifies process minimizing user interaction

Benefits

• More intuitive installation process
• Requires less knowledge to successfully install products
Persist MER Build Settings Between Edit Sessions

Overview

• Persist user-selected MER version
• Persist user-selected language selections

Benefits

• Reduce MER build errors
Customize Keyboard/Keypad Appearance

Overview

- Allow customization of keypad, keyboard, and character input interfaces
- Applies to the terminal, not the application
- Preview allows user to review configuration without running an application

Benefits

- Better match the user input interfaces to the color scheme of the application
Updated PanelView Plus 7 Standard HMI Application Constraints

Overview

- PanelView™ Plus 7 Standard HMI application limits updated to support 50 displays, 1 controller shortcut, and 500 alarms
  - 25 Replace and 25 On Top
  - MER can be built for terminals running 8.0 (or later) firmware

Benefits

- Apply PanelView Plus 7 Standard HMI to more applications
OS Platform Support

- Supported
  - Windows Server 2012 Std (64 bit)
  - Windows Server 2012 R2 Std (64 bit)
  - Windows Server 2008 R2 Enterprise Edition
  - Windows 7 SP 1 Enterprise Edition
  - Windows 7 SP 1 Ultimate Edition
  - Windows 8.10 Pro (32 / 64 bit)
  - Windows 8.10 Enterprise (32 / 64 bit)
  - Windows 8 Pro (32 / 64 bit)
  - Windows 8 Enterprise (32 / 64 bit)
  - Windows 10 (32 / 64 bit) version 1607
  - Windows 10 IoT Enterprise (LTSB)

- No Longer Supported (last version supporting)
  - Windows XP (8.10)
  - Windows Vista (8.00)
  - Windows Server 2003 (8.00)
FactoryTalk View ME Software v10.00 (Target: 2/18)

**Design-Time Improvements**
- Open legacy projects on PC running 64-bit OS
- Reducing the Microsoft SQL footprint

**Run-Time Enhancements**
- On-board Audit Trail
- Export Alarm and Audit history to CSV
- Local Message Display with dynamic message file

**Platform Support**
- Microsoft Operating System support
Hands-on Lab

- Demo and "How To":
  - ControlLogix® controller tag extended properties
  - Runtime user management using an RFID reader
  - Electronic signature capabilities
  - Design-time improvements regarding language switching and the Object Explorer
  - Plotting two or more variables against each other
  - Advanced alarm topics
Support Logix Extended Tag Properties

Overview

- Support Logix Extended Tag Properties
  - @Min, @Max, @Description, @State0, @State1, @EngineeringUnit
- Support runtime language switching

Benefits

- Simplified maintenance of captions and text
- Single point of localization in Logix Designer application

Please refer to Knowledgebase Article ID 930988 - Performance considerations when using extended tag properties for important runtime performance information.
ControlLogix Tag Extended Properties

- Demo Time!
ControlLogix Tag Extended Properties

- Pages 19 through 35
- 10 minutes for the “How To” section
ControlLogix Tag Extended Properties

- Wrap-up/Questions?
Runtime User Management Using RFID Reader

Overview

- Allows management of users at runtime
- Validates users using an ID card
- Generates audit messages during user management activities

Benefits

- Helps save time
- Eliminates frustration with lost user ID/password
- No need to rebuild an MER to change user information
Runtime User Management Using RFID Reader

- Demo Time!
Runtime User Management Using RFID Reader

- Pages 43 through 52
- 8 minutes for the "How To" section
Wrap-up/Questions?
Electronic Signature

Overview

- Controls that write data can be configured to require an electronic signature
- Three modes: Comment, Operator signed, Counter-signed
- Generates audit to FactoryTalk® AssetCentre server

Benefits

- Control access to critical process setpoints and values
- Track operator actions
- Enables application validation to FDA 21CFR Part11 regulation
Electronic Signature Capabilities

- Demo Time!
Electronic Signature Capabilities

- Pages 63 through 71
- 6 minutes for the "How To" section
Electronic Signature

- Wrap-up/Questions?
Control Group Visibility at Design Time

Overview

• Control what objects or groups are visible while editing a display
• Emulates ‘layers’ in graphic editors
• Does not impact runtime visibility

Benefits

• Simplify maintenance of complicated displays with overlapping or stacked objects and groups
Design Time Language Switching

Overview
- Change the HMI application language locale at design-time
- Text changes are persisted in current language locale

Benefits
- Eliminates need to close and re-open the HMI application
- No need to perform Test Application
Design-time Improvements, Language Switching and Object Explorer

- Pages 72 through 77
- 4 minutes for the "How To" section
Design-time Improvements, Language Switching and Object Explorer

- Wrap-up/Questions?
XY Chart Control ActiveX

Overview

• Chart up to eight pens against one set of axis values
• Supports a maximum of 500 data points / pen
• Like a Logix AOI, the ActiveX uses a pre-defined UDT in the controller application to persist and retrieve tag data for the chart

Benefits

• Meet application needs that are not possible with current trend control
• Visually compare multiple data sets, non-time-series data points
Plotting Two or More Variables Against Each Other

- Demo Time!
Plotting Two or More Variables Against Each Other

- Pages 80 through 87
- 7 minutes for the "How To" section
Plotting Two or More Variables Against Each Other

- Wrap-up/Questions?
Context-sensitive Alarm Behavior

Overview

- Alarm history stores Alarm Identifier value
- Alarm display controls write Alarm Identifier value to a tag as user scrolls through alarms
- Application can use the value to create context-sensitive operator experience

Benefits

- Allows creation of context-sensitive behaviors
- Provides improved troubleshooting
- More effective maintenance
Advanced Alarm Topics

- Demo Time!
Advanced Alarm Topics

- Pages 93 through 114
- 18 minutes for the "How To" section
Advanced Alarm Topics

- Wrap-up/Questions?
Thank You!