SCADA Expert ClearSCADA 2014 R1 – What's New

SCADA Expert ClearSCADA 2014 R1 is an open software platform designed to transform field data into business relevant information to manage and optimize the operation of remote assets in critical infrastructures.

This is a Major release incorporating a brand new User Interface and other features to increase ease-of-use, reduce time-to-market and maintenance effort, enhance security and operational intelligence.

New User Interface

The New User Interface provides a refreshed and enhanced user experience with added functionality including tabbed document interface, recent documents list, asynchronous server communications, and enhanced multi-monitor capabilities, all within a new ribbon-style framework that other Windows applications now adopt as standard, while still providing the core ClearSCADA functionality in the same way users have come to expect.

Reduced Time-to-Market

- Calculations for internal points have been simplified, which increases development efficiency, allowing users to combine or transfer data between database points without the need for the complexity of using separate logic programs, providing a familiar 'expression' interface to define the required calculation

- Bulk-Edit Tool will be bundled with ClearSCADA and will reduce deployment effort and likelihood of user configuration errors, allowing users to edit and import bulk changes to the database

Enhanced Security and Protection of System Information

- Enhanced support for firewalls & NAT devices provides increased security of critical assets

- Restricted access to sensitive system information (Server/Client/Device IP-addresses, node-names, details of failed logons) to ensure users only see the information which they are allowed

Enhanced Operational Intelligence

- A Data-Grid-style collection has been created which provides separation of table definition ("Data Set") and its rows where individual rows can be included within templates, providing a self-maintaining table that automatically expands to include new rows as template instances are created

- XYZ Plots; a new type of 3D-trend that allows you to easily monitor the relationships between multiple sets of historic values over time

- Integration of User Interface and simulated data from Aquis (SE's Water Network Simulation / Modeling Software) into ClearSCADA

- A new Advanced OPC driver extends beyond the current simple OPC driver implementation providing increased performance and more polling and communications options

- Driver for SCADAPack 50 Wireless Data Logger and for T-Box RTU

- Enhancements to DNP3 Driver for new SCADAPack 530/535E Smart RTU, SNMP Driver (to v3) and to WITS Driver (to v1.3)

Benefits at a glance

- Simplicity and Enhanced User Experience for faster deployment
- Enhanced Security capability for better protection of the system
- Increased connectivity and integration to help optimize operations and maintenance activities
- Increased performance and functionality to achieve operational efficiency

Features at a glance

- New user interface
- A Bulk-Edit tool will be bundled with ClearSCADA
- Simplified internal point calculations
- Automated data visualization and maintenance
- Enhanced support behind firewall & NAT
- Restricted access to sensitive system information
- Enhanced operational intelligence

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