WinCC V8.2

Highlights

Scripting
- Introduction of JavaScript for global actions (Access to Tags, Alarms and Historical Data)

OT-Communication
- Support of array as data structure
- New Channels (BacNet, LOGO!/S7-200 Smart)
- Enhanced use of redundant connections

IT-Connectivity
- Full MQTT support (Publish & Subscribe)
- AI connectivity via MCP Server

WebUX
- Adaptive Design and configurable picture scaling
- Support of redundancy and loadbalancing
- SIMATIC WinCC Companion

Excel based reporting templates
- Support of Audit
- Support of User Archives

Standardization
- Support of Module Type Package (MTP)
- Support of Control Function Library (CFL)

Modern UI
- Advanced Dashboard widgets
- SVGHMI Editor
- TrendControl: Virtual Sampling and String Tags

Base system
- Retrofit and many quality-of-life improvements (New setup, new help system, …)
- TagLogging: Fast- & Uncompressed Logging

Cybersecurity
- Enhanced certificate handling (CMP – Certificate Management Protocol)
- Support of the latest cybersecurity standards

Collaboration with WinCC Unified
- Integration of Unified Audit entries in WinCC Audit V8
- Integration of Unified Alarm Data in WinCC V8

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