

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

WinCC V8.2



Highlights

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

Preliminary planning – changes possible without notice