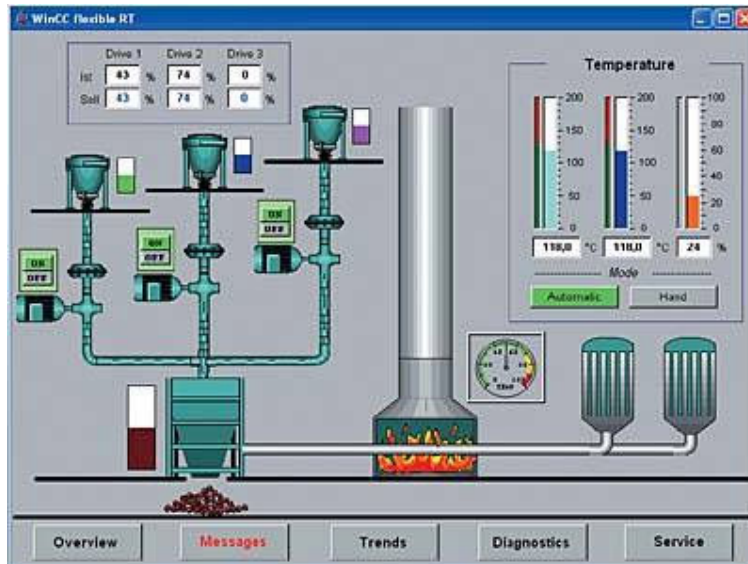


HMI software - SIMATIC WinCC flexible runtime software



Overview

- SIMATIC WinCC flexible Runtime is the high-performance visualization software for simple visualization tasks at machine level. It can be used as a single-user solution for all automation applications in manufacturing, process and building services automation.
- Executable under Windows 2000/XP Professional **Current version:**
 - SIMATIC WinCC flexible 2005 SP1 Runtime with 128, 512 or 2048 PowerTags

Options for SIMATIC WinCC flexible Runtime

SIMATIC WinCC flexible/Archives

- Archiving of alarms and process values
 - Archiving in CSV files or ODBC databases
 - Online evaluation of process value archives through trend curve graphics
 - Evaluation of alarm logs using standard MS tools

SIMATIC WinCC flexible/Recipes

- Generation and management of data records for machine or production data
 - Display or entry of data records via a configurable screen object or via process images when distributed within the project

- Transmission of data records from or to the PLC
- Import/export of CSV files

WinCC flexible/Audit

- Recording of operator actions in an Audit Trail
- Electronic signature for important operator actions relevant to production
- The ChangeControl option supports users in respect of tracking modifications to projects.
- Audit supports users in meeting special quality requirements, e.g.,
 - Production plant requiring validation to 21 CFR Part 11 (Food Drug Administration legislation)
 - In respect of traceability according to EU 175/2002 (EU directive)

SIMATIC WinCC flexible/OPC Server

- Incorporation of automation components from different vendors into a single automation concept
- Communication for data exchange between HMI systems and/or higher-level control system
- Communication with applications from different vendors, e.g., MES, ERP or applications in the office sector

SIMATIC WinCC flexible/Sm@rtService

- Remote maintenance and servicing of machines and plant via Internet/intranet
- Reduced downtimes for machines and plant with direct remote access
- Flexible solution for remote access to machines and plant

SIMATIC WinCC flexible/Sm@rtAccess

- Flexible solution for access to HMI systems and process data from any location
- Communication between different SIMATIC HMI systems

SIMATIC WinCC flexible/ProAgent

- Precise and rapid process fault diagnostics in plant and machines for SIMATIC S7 and SIMATIC HMI
- Standardized diagnostics concept for various SIMATIC components
- No further configuration overhead for diagnostics functionality
- Frees up PLC capacity with regard to memory and program execution time

SIMATIC WinBDE

- With the SIMATIC WinBDE machine data management system, the operator panel becomes the central acquisition and control unit for machine data, permitting comprehensive analyses to be carried out directly at the machine.
- The result is transparency, quick countermeasures in the event of faults, an increase in machine runtimes and proof of the availability of production facilities and production units.