Plant-wide information system for maximum transparency

Process visualization with SIMATIC WinCC V7.2
SIMATIC WinCC: The first choice worldwide in every sector

SIMATIC WinCC from Siemens is a scalable process visualization system with powerful functions for monitoring automated processes. WinCC offers complete SCADA functionality for all industrial sectors – from single-user stations to distributed multi-user systems with redundant servers as well as for multi-site web solutions. For WinCC Version V7.2, we have refined our pioneering system solution still further, adding new functions that will benefit you across the board.

Plant-wide information system for maximum transparency

Experience a new dimension of plant transparency. In SIMATIC WinCC V7.2, Siemens has perfected the archiving component of its pioneering process visualization software and expanded it with the high-performance, scalable long-term archive SIMATIC Process Historian and the flexible report generating system SIMATIC Information Server. This has made SIMATIC WinCC into a highly efficient plant-wide information system.

From the production operators to the manager: the SIMATIC Information Server can be used in every area of activity to generate and manage specific reports and make them available on web-based user interfaces. This means that potential weak spots can be identified throughout the plant and optimization work initiated – the first step to boosting productivity and availability.
UNICODE for use worldwide
In Version 7.2, SIMATIC WinCC supports UNICODE, making it possible to switch to a specific language at any time, regardless of the operating system settings – during engineering, but also at runtime and on web clients.

Extended SCADA functionality
In addition to increased configuration limits (up to 18 servers), SIMATIC WinCC V7.2 also offers additional archiving functions. Integrated compression into weekly, monthly and yearly archives supports analyses and reports over commercially relevant time periods. Retrospective, manual archiving of laboratory values and automatic calculation and archiving of supply meter readings have been added.

Easy, intuitive operation with 2-finger multi-touch gestures
Innovative operating concepts with multi-touch gestures are also becoming increasingly important in industry. In complex production plants in particular, gestures such as zooming, wiping and rotating have the potential to make plant operation even more intuitive and easy. SIMATIC WinCC V7.2 also supports 2-handed operation which is used, for example, to prevent mistakes when entering setpoints.

WinCC V7.2 highlights at a glance
- Simplified multilingual use thanks to UNICODE support
- Expansion of the archive system with consumption meters, manual inputs and compression to weekly, monthly and yearly archives
- Increased configuration limits of up to 18 redundant servers
- Intuitive operation with 2-finger multi-touch gestures
Systematic archiving and reporting

**SIMATIC Process Historian**

SIMATIC Process Historian acquires and archives data from any number of lower-level WinCC systems in real time. It is scalable and can be adapted to the required data volume at any time – without interrupting production. This supports rapid decisions on the basis of secure data and is, therefore, the first step to greater productivity.

**SIMATIC Information Server**

The SIMATIC Information Server is the easy way to create and manage reports and analyses and make them available via web-based interfaces. Based on the Microsoft Reporting Services, transparent access to all data archived in WinCC or SIMATIC Process Historian is possible without the need for any programming knowledge. Depending on the task (management, quality assurance, service), the relevant plant metrics can be summarized in target-group-specific reports and evaluations. It is also possible to carry out evaluations in the familiar Microsoft Office environment in Word and Excel using add-ons. The SIMATIC Information Server can be implemented independently of the SIMATIC Process Historian.

### Highlights

**Archiving**

- Plant-wide long-term archive for any number of WinCC systems
-Archiving of process values and messages in real time
- Easy step-by-step configuration
- Retrospective scalability, without interrupting production

**Reporting**

- Easily generated reports based on Microsoft SQL Reporting Services
- Web-based management and data provision
- Transparent access to all historical plant data (WinCC Archive and SIMATIC Process Historian)
- Integration in MS Word and Excel
- Automatic report distribution by email

**Archiving and reporting with SIMATIC Process Historian and Information Server**

**SIMATIC Information Server**
### WinCC V7.2 Highlights

- SCADA system for global deployment in every sector
- Integrated Microsoft SQL server for data archiving
- High-performance long-term archive SIMATIC Process Historian
- Plant transparency with Plant Intelligence
- SIMATIC Information Server for comprehensive, web-based analyses and reports
- Efficient and user-friendly engineering and operation
- Full scalability – including web solutions
- Maximum availability and security
- Open standards for easy integration
- Integral part of Totally Integrated Automation

### Service, support and training – worldwide

- Local offices and representatives in over 190 countries
- Global service and support (via hotline, phone, email, Internet) – including spare parts supply and repairs
- SIMATIC training centers in over 130 countries; access to training information through the Internet (www.sitrain.com)
- Online mall (product resources), product information, FAQs, manuals, software downloads, customer reports (www.siemens.com/wincc), newsletters, software update service (comprehensive support)
The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

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