SIMATIC WinCC Professional – the SCADA system inside TIA Portal:

- Efficiency in engineering
- Scalable to cover increasing demands
- Innovative through mobile SCADA
- Open for simple integration

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More information:
siemens.com/wincc-professional
The requirements of the future
The data volume in modern industrial plants is growing continuously. Modern and powerful SCADA solutions today must be able to quickly process huge amounts of data and archive this data for long periods. At the same time, new technologies are introduced in the industry and global solutions require mobile access to all of the plant information. In addition to increasing productivity, energy efficiency is an important factor in reducing the overall costs.
SIMATIC WinCC Professional

**Powerful and intelligent tools for...**
- Efficient engineering
- Optimum interaction of controller and HMI
- Multilingual for international projects
- Comprehensive library concept
- Automatic generation of the HMI visualization with SiVarc

**Industry-standard HMI functions**
- Reporting and acknowledging of events
- Archiving of messages and measured values
- Logging of all process and configuration data
- Integrated user management with SIMATIC Logon
- Flexibly expandable through VB and C scripts

**Security of investment:**
- Reduced lifecycle costs due to minimized engineering, training, maintenance and service effort
- Reuse and standardization
- Import of the configuration from WinCC flexible and from WinCC V7

**Consistent data throughout the entire production...**
- High performance and reliable archiving of production data, even comprehensively in a central process historian.

**PC hardware for industrial solutions**
- The system platform comprising SIMATIC industrial PCs and SCADA software – in combination as attractive packages.

**Simple and fast configuring...**

**...for efficiency and transparency in operation!**
- High user friendliness...
  Implement clearly arranged applications with modern HMI operation concepts for uniquely fast and efficient operator control using intuitive gestures.

**...and worldwide, web-based access**
- Operator control and monitoring from wherever you want – also with target group-oriented dashboards, reports and analysis of your production data.

**Information hub for corporation-wide vertical integration**
- Transparent production...
  So that you can make the right decisions – quickly, anytime, anywhere.

- Energy transparency...
  Low-cost and energy-efficient production in accordance with the latest legal stipulations.

- ...for optimized processes
  Reduce production outages by combining integrated system diagnostics and efficient process diagnostics.

- Increased availability...
  Easily transfer your production data to higher-level systems via standard interfaces.

- Open communication...
  Connects the automation and IT world!
Options for SIMATIC WinCC Professional

Software expansions for individual requirements

WinCC Professional options*

Easily scalable
- WinCC Server/WinCC Client
  for client/server systems
- WinCC Redundancy
  for increased availability
- SIMATIC Process Historian
  the powerful, plant-wide long-term archive
- WinCC/WebNavigator
  Operator control and monitoring via the internet/intranet
- WinCC/WebUX
  mobile access to important plant information

Efficiency in operations control
- WinCC Recipes
  Administration of user data records
- SIMATIC Information Server
  Web-based reports of historical plant data based on the Microsoft Reporting Services or with Microsoft Office
- SIMATIC Energy Suite
  Efficient linking of energy management with automation
- SIMATIC Energy Manager PRO,
  SIMATIC B.Data, manages the consumption efficiently and across sites
- SIMATIC ProDiag
  Machine and plant diagnostics for the efficient analysis of process faults

Related products
- WinCC/Industrial DataBridge
  Bidirectional exchange of data via standard interfaces without programming overhead

* Please observe the release of individual options

Efficiency
SIMATIC WinCC Professional combines efficient engineering in the TIA Portal with powerful diagnostics and archiving. Thus you benefit from shorter time-to-market, minimized downtimes, and transparency in production.

Scalability
To cover increasing demands, we offer stationary and mobile solutions – security guaranteed. You can expand your existing plants without any problems and secure your investments.

Innovation
Stay informed with mobile SCADA solutions anywhere and anytime – also with existing tablet and smartphone hardware. The use of multi-touch gestures in the industrial environment opens the door for modern operating concepts.

Openness
Through the support of international standards, you are able to easily integrate your SCADA solution in the IT world.

Universal application – solutions for many industries and technologies
SIMATIC WinCC Professional is of modular design and can be easily expanded. It is used worldwide in single-user applications in mechanical engineering as well as in PC-based multi-user solutions with redundant servers or web-based client access. References from many industries prove the versatility and performance capability:

- Mechanical and plant engineering
- Metalworking industry
- Automobile production and suppliers
- Pharmaceutical industry
- Food, beverage and tobacco industries
- Trade and services sector
- Plastics and rubber industry
- Paper production and processing

For more information go to the reference center:

siemens.com/scada-references