SIMATIC DCS/SCADA Infrastructure

Complex IT infrastructures – ready-to-run and efficient
Complex IT systems can contain unpredictable risks during project planning and in operation – in particular, due to faulty installation and misconfiguration.

Preconfigured IT systems for DCS and SCADA applications

The fast integration of powerful and complex IT infrastructures into active operations – without neglecting quality – shortens the “time-to-market” and thus clearly increases the return on investment.
System concepts for data archiving in the SCADA and DCS environment

Historcial plant data deliver crucial information for increasing the productivity. In order to tap the enormous data quantities for system optimization, you need a powerful archiving and reporting system. Siemens Industry Services offers a complete solution consisting of server hardware and software, complemented with tailor-made services – all from a single source.

Requirements to be fulfilled through data archiving

The availability and security of data is decisive for complex data archiving processes: It must be reliably recorded and stored for the long term with no gaps. In addition, process data, tags, alarms and batch data has to be centrally archived in real time. Company-wide production reporting systems further enable the aggregation of relevant process plant information.

Just as important is the task-specific reporting and visualization of data, as well as the option to flexibly modify the reporting templates.

A complete prefabricated system makes it possible for the engineering and commissioning stage to be developed as efficient as possible. Furthermore, the tailor-made services are ensured during the entire lifecycle – for all installed components and for the complete system.

The solution for your business: With SIMATIC Process Historian and Information Server, you are able to archive and visualize the data on a powerful server supported by the all-inclusive carefree service package.
Implementation and commissioning – securely realized

SIMATIC DCS/SCADA infrastructure offers an efficient and preconfigured IT infrastructure with pre-installed SIMATIC automation software. Complemented by all inclusive carefree service package with a central technical contact person.

Configured Process Historian/Information Server

The system is preconfigured and installed according to the individual requirements – focusing on design of the redundant hard-drive configuration.

The fully integrated archive system contains the powerful hardware platform, the Microsoft Windows Server installation and license as well as the SIMATIC software installations.

Your benefits with Process Historian

- Completely integrated long-term archiving system without additional technology
- Processing of large quantities of process and asset information

Your benefits with Information Server

- Simple, web-based and location-independent thin-client access to historical plant data
- Customized, complex reporting based on comprehensive reporting engine
Professional technical support – reliable and efficient

The 5-year all inclusive service package also includes one central contact person who provides competent support, coordinates all support activities and answers questions on third-party components. Additionally, the spare parts are completely covered throughout the duration of the service contract.

**Service package**

**Your benefits of the service package**

- Individual configuration and pre-installation of hardware and software
- Simple implementation and system upgrades through preconfigured ready-to-use systems
- Lifecycle services for all installed components directly from the manufacturer – SIMATIC products, hardware and software
- Optionally simple system management and extensive technical support optional in combination with SIMATIC Remote Services
Our offer at a glance

Complete system from a single source

- Configuration of the efficient system as required
- Pre-installation of the software (Siemens and third-party software)
- High availability through fully redundant hard drive configuration
- Technical support for all installed components and for the complete system

Real-time archiving with the Process Historian

- Fully integrated long-term archiving solution for large data volume, without additional engineering
- Conformity with SIMATIC WinCC / PCS 7 minimizes the project risk
- Fast and easy access to the plant data

Reporting with the Information Server

- Simple access to historical plant data and fast reporting from the Office environment
- Integrated user management and access control
- Automated sending of reports via e-mail
Benefits of the preassembled IT systems

**Ready-to-run**
Simple realization of complex architectures through ready-to-run system components

**Performance-optimized**
Optimal usage of installed hardware resources

**One-stop-shop**
An integrated solution consisting of hardware, software and services – ensures the serviceability over the entire lifecycle