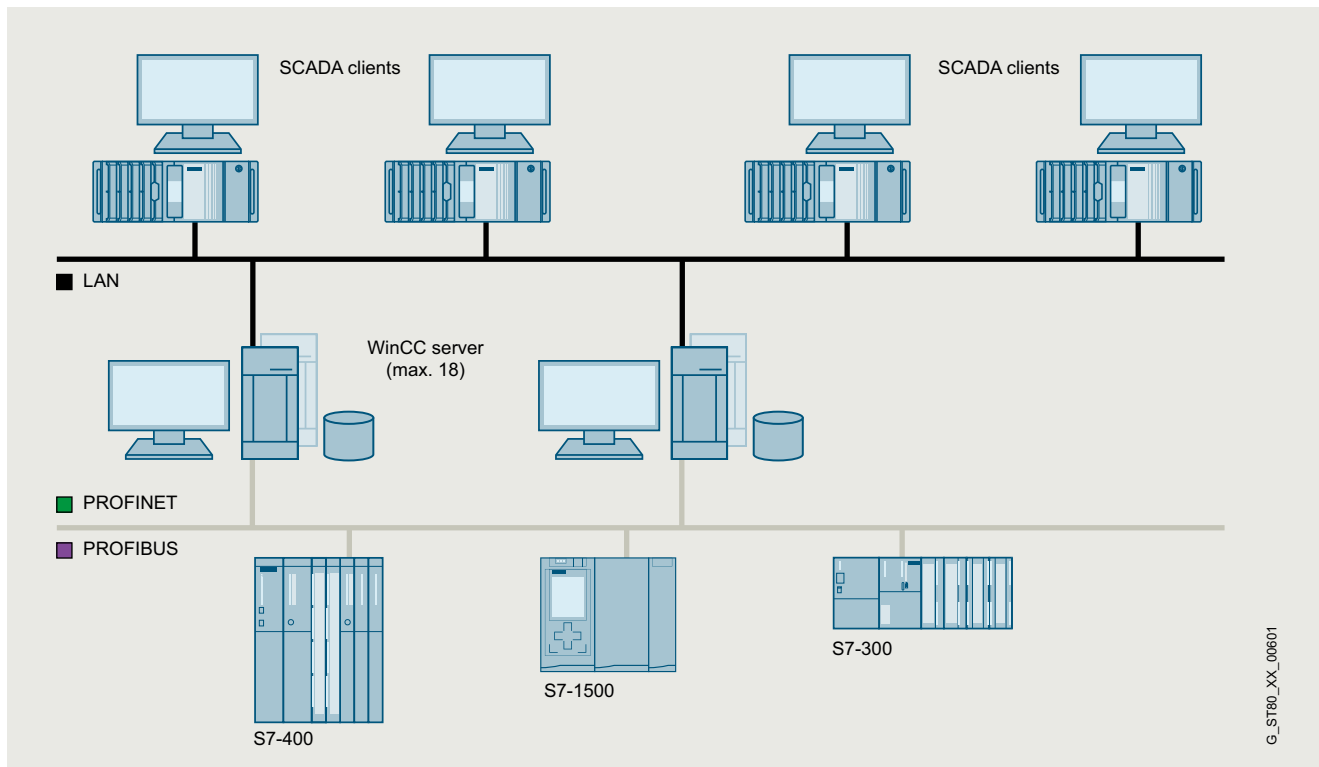


HMI software

SIMATIC WinCC V7/V8

SIMATIC WinCC V7/V8 options

WinCC/Server**Overview****SIMATIC WinCC/Server**

- Option for SIMATIC WinCC, which permits the configuration of a powerful client/server system.
- A maximum of 3 clients can be connected to non-server operating systems.
- A number of coordinated HMI stations can be operated in a single group with networked automation systems
- Client/server solution:
 - Client without its own project ("UNI-Client"): One (redundant) server can supply up to 64 clients with process and archive data, messages, images and reports. The clients act as display and operating stations for the project on the server.
 - Client with its own project ("MULTI-Client"): One client can simultaneously access up to 18 (redundant) servers. These servers make the data and images available. This data can be collectively processed and displayed in the client project in order, for example, to implement a system overview across several servers. In this case, one server can supply data to as many as 50 clients.
- Requirement: Network connection (TCP/IP) between the server PC and the connected clients

Licenses

The following licenses are required for configuring a multi-user system:

- WinCC Server license on the server in addition to a WinCC RT license (a server license is required for each server)
- One WinCC RT Client license on each client.

You can find more information on the Software Update Service, license types, Online Software Delivery and handling your SW licenses with the Automation License Manager at <http://www.siemens.com/simatic-licenses>

HMI software

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WinCC/Server

Benefits

- Plant-wide scalability from the single-user system to the client/server solution
- Significantly higher quantity framework, relieving the individual servers and better performance due to distributing the complete application or tasks over several servers
- Low-cost configuration on the client is possible (the minimum RC license is sufficient)

Application

In a complex plant, WinCC can also be configured as a distributed system according to requirements:

- Functional distribution (e.g. message servers, archive servers, etc.) or
- Distribution according to the physical plant structure (e.g. body-in-white, paintshop, etc.)

Function

Each client can access more than one server at a time. Clients can also be used for configuration on the server.

A configuration of WinCC clients as a central Web server - as a distributed system if required - with an overview of all server projects in the system is also possible.

For WinCC clients, only the smallest runtime license WinCC RT client is required. In order to also facilitate configuration on WinCC clients, the smallest complete license WinCC RC client is required. Remote configuration is possible if WinCC clients without their own project (Uniclents) on the server project are configured. This makes it possible to configure inexpensive operator and configuration stations in a network.

Ordering data

Article No.

SIMATIC WinCC/Server

SIMATIC WinCC/Server V8.1

- Runtime software, single license
- As download, Runtime software, single license

6AV6371-1CA08-1AX0
6AV6371-1HA08-1AX0

SIMATIC WinCC/Server V8.0

- Runtime software, single license
- As download, Runtime software, single license

6AV6371-1CA08-0AX0
6AV6371-1HA08-0AX0

More information

More information on the WinCC V8 basic functions can be found at <https://www.siemens.com/global/en/products/automation/industry-software/automation-software/scada/simatic-wincc-v8/basic-functionalities.html>

More information on the advanced WinCC V8 functions can be found at <https://www.siemens.com/global/en/products/automation/industry-software/automation-software/scada/simatic-wincc-v8/advanced-features.html>
<http://www.siemens.com/wincc-server>