General Notes on the Compatibility Statements of WinCC

Notice

The release for operating system and Internet Explorer is only valid from the view of WinCC. For all other products, refer to the notes in the ReleaseNotes.
Please note the respective "InstallNotes" und "ReleaseNotes" for each version, especially the software requirements regarding Microsoft operating system and appropriate security patches. Further information on the Microsoft security patches is available in entry ID: 18752994

Please note that not all operating systems and SIMATIC components listed as well as other software packages have been either tested or released in terms of compatibility.

Notes on WinCC

- For WinCC V7.x only the use of the WinCC options delivered on the DVD together with the basic version of WinCC is released.
- The loading of Microsoft Windows Hotfixes and Security Patches is permitted, this is not the case for operating system service packs whose use together with SIMATIC WinCC requires an explicit release. WinCC V6 is **not** runnable on an embedded PC.
- WinCC is not downward compatible. This is to say that you cannot run a WinCC project which was, for example, created with the WinCC version V6.0 SP4, with a previous WinCC version (WinCC V6.0 SP3 and before).
- WinCC is generally upward compatible. This means that if you have upgraded, for example, WinCC V6.0 to WinCC V6.0 SP4, you can also operate your WinCC V6.0 project with the WinCC version V6.0 SP4. Please also note the "Migration" chapter in WinCC Online help.

Notes on WinCC server and WinCC client constellations

- For WinCC client-server systems there are certain dependencies regarding the Microsoft Windows operating system versions and the WinCC versions. Please observe the notes in the WinCC information system under this path: Installation Notes > Installation Requirements > Software Requirements for the installation. This is where you also find notes on the WinCC single-user systems.
- You can also operate a WinCC server without server operating system (e.g. Windows XP from WinCC V7.0, Windows 7 from WinCC V7.2 onward, …). This WinCC server must only be operated in runtime mode with a maximum of 3 clients. The operation without server operating system is only approved for the use of options (e.g. redundancy) and not in “Service Mode”. Please also note that in this case, engineering is not permitted on the WinCC clients.
- For WinCC servers and WinCC clients the same versions of the service packs of Windows NT 4.0 or Windows 2000 have to be installed.
- Execute a pure installation of Windows NT 4.0 or Windows 2000 for the WinCC server without options, such as, for example, "Domain Controller" or "Active Directories". The reason is the high performance and storage demand that would occur otherwise.
- Make sure that the operating systems in a WinCC client/server configuration are homogenous with WinCC V5.x. This means that if you operate the server side of WinCC with, for example, Windows 2000 Server, that Windows 2000 Professional, Windows 2000 Server or Windows 2000 Advanced Server also have to be installed on WinCC clients.

Notes on using remote software on WinCC stations

- The use of the Remote Desktop Protocol (RDP) is solely permitted for the remote maintenance of WinCC clients. Furthermore, no server services (for example, WebNavigator Server, DataMonitor Server, OPC server) must be enabled on these computers.
  The reason for this lies in the handling of the remote desktop session by the Microsoft operating system.
  The RealVNC software has to be used for the remote access to the other computers in a distributed WinCC system (e.g. WinCC Server).
- In contrast to PCS 7, the pcAnywhere software is not included in delivery for **WinCC**.
- The **host** version of pcAnywhere has to be installed on a WinCC station if this WinCC station is to be remote controlled by another PC station with pcAnywhere.
- The other PC station, the one that remote controls the WinCC station, requires the **remote** version of pcAnywhere to be able to remote control. For this purpose, the full version of pcAnywhere is required.
  If you want to use the full version of pcAnywhere by Symantec, you therefore have to acquire this software.
- The full version of pcAnywhere is not released for WinCC systems.
- For further information, refer to the following entry ID: 78463889

Make sure to install pcAnywhere **before** installing WinCC.

Notes on using virus scanners on WinCC stations

- Disable the integrated firewall of the virus scanner or do not install it.
- Do not execute the manual or time controlled scans in runtime mode.

- Only monitor the incoming data traffic when scanning automatically.
- Only scan local drives.
- Enable the email scan only on WinCC engineering stations.
- Disable the display of dialog messages.

Other important information, also regarding third-party software, can be found in the WinCC "ReleaseNotes" and in the WinCC online help under the following path:
From **WinCC V7.0**: "WinCC Information System > Working with WinCC > Working with Projects > Make Settings for Runtime > Influence of External Applications on Runtime".
From **WinCC V6.0 SP3**: "WinCC Information System > Working with WinCC > Working with Projects > Enable Project > Settings for Runtime > External Applications."

Notes on using Smart Tools with WinCC
How to install the WinCC smart tools Entry ID: 10880206
What smart tools are there for WinCC (brief description)? Entry ID: 13681075

Notes on using OPC with WinCC
In the WinCC help you can find general notes on OPC, such as functionality, OPC specifications and compatibility. There is furthermore a detailed description in the help of the respective WinCC version, what OPC servers are available, what prerequisites are required for the operation, how the OPC servers are to be used, as well as sample configurations and commissioning instructions. A detailed description of using WinCC as OPC client is also available in the respective WinCC version.
You can find the information in the WinCC information system at:
WinCC Information System > Tools > OPC - Open Connectivity
Further information, for example, on programming an OPC client with Visual Basic or C, is provided in the manuals of the respective OPC specification at www.opcfoundation.org

Notice
The following licenses are required for the WinCC OPC servers:

WinCC OPC server	WinCC license
WinCC OPC DA server	WinCC Runtime License (WinCC RT or WinCC RC License)
WinCC OPC HAD Server, WinCC OPC-A&E Server, WinCC OPC XML DA	WinCC Connectivity Pack License
WinCC OPC DA Server, WinCC OPC HAD Server, WinCC OPC A&E Server	WinCC Connectivity Station License