Compatibility   WinCC V6.2 SP2   { 01/2008 }

WinCC V6.2 SP2   contains the following in the delivery package
- Microsoft SQL Server 2005 SP1
- SIMATIC NET CD Edition 2006 (V6.4)   { 01/2007 }

WinCC V6.2 SP2 can be run in Microsoft operating systems
- Windows XP Professional SP2 (single-user station / client)
- Windows 2000 Professional SP4 (single-user station / client)
- Windows 2003 Server R2 SP2 (server / single-user station / client)
- Windows 2003 Server SP2 (server / single-user station / client)

WinCCV6.2 SP2 is released with Microsoft Internet Explorer V7.0 and V6.0 SP1/SP2
> The WinCC/Web Navigator and WinCC/DataMonitor options are released for Internet Explorer V7.0. Use of the Multitabbing functionality available in Internet Explorer V7.0 is not supported when using the options mentioned above. You can continue to use Internet Explorer V6.0 SP1 and SP2.

Further information is available at: http://support.automation.siemens.com/WW/view/en/21927773

Connection overview   WinCC V6.2 SP2   { 01/2008 }

WinCC – Channel DLL	Description
SIMATIC S7	
SIMATIC S7 Protocol Suite	Channel DLL for S7 Communication via MPI, PROFIBUS, Ethernet ISO Layer 4 and Ethernet TCP/IP
SIMATIC S5	
SIMATIC S5 Ethernet Layer 4	Channel DLL for S5 Communication via Ethernet ISO Layer 4 and Ethernet TCP/IP
SIMATIC S5 Ethernet TF	Channel DLL for S5 Communication via Ethernet TF
SIMATIC S5 Programmer Port AS511	Channel DLL and drivers for serial communication with S5 via AS511 protocol at Programmer's Port
SIMATIC S5 Serial 3964R	Channel DLL and driver or serial communication with S5 via RK512 protocol
SIMATIC S5 PROFIBUS FDL	Channel DLL for S5 Communication via PROFIBUS FDL
SIMATIC S505	
SIMATIC 505 Serial	Channel DLL and driver for serial communication with SIMATIC S535/545/555/565/575 via NITP/TBP protocol
SIMATIC 505 Ethernet Layer 4	Channel DLL for S505 Communication via Ethernet ISO Layer 4
SIMATIC 505 TCP/IP	Channel DLL and driver for S505 Communication via Ethernet TCP/IP
Manufacturer-independent	
Windows DDE	Channel DLL for DDE communication; WinCC can acquire data from DDE server applications
OPC Client	Channel DLL for OPC communication; WinCC can acquire data from OPC server applications
OPC server	Server applications for OPC communication; WinCC provides process data for OPC client
PROFIBUS FMS	Channel DLL for PROFIBUS FMS
PROFIBUS DP	Channel DLL for PROFIBUS DP

Connection to controllers from other manufacturers
OPC (OLE for Process Control) is recommended for connection to controllers from other manufacturers.
Further information: www.opcfoundation.org

WinCC supports these standards:
- OPC Data Access 2.05a
- OPC Data Access 3.00
- OPC XML Data Access 1.00 (Connectivity Pack / Connectivity Station)
- OPC HDA 1.20 (Connectivity Pack / Connectivity Station)
- OPC A&E 1.10 (Connectivity Pack / Connectivity Station)

Communication components for PG/PC to SIMATIC for   WinCC V6.2 SP2   { 01/2008 }
In the delivery package: SIMATIC NET CD Edition 2006 (V6.4)   { 01/2007 }

Industrial Ethernet	SIMATIC S5 Ethernet (TF)	SIMATIC S5 Ethernet Layer 4	SIMATIC S5 TCP/IP	SIMATIC S7 Protocol Suite	SIMATIC 505 Ethernet Layer 4	SIMATIC 505 TCP/IP [1]	Order no.
Communication components to supplement the OS/OP							
CP 1612 PCI card for connecting PG/PC to Industrial Ethernet (communication software SOFTNET-S7 and SOFTNET-S7 Lean must be ordered separately)	–	–	•	•	–	•	**6GK1 161-2AA00**
SOFTNET-S7 2006 Communication software for S7 functions • Single License [3]	–	–	•	•	–	–	**6GK1 704-1CW64-3AA0** [3]
SOFTNET-S7 Lean 2006 Communication software for S7 functions •Single License [2][3]	–	–	•	•	–	–	**6GK1 704-1LW64-3AA0** [3]
CP 1613 PCI card for connecting PG/PC to Industrial Ethernet (communication software S7-1613 and TF-1613 must be ordered separately)	•	•	•	•	•	•	**6GK1 161-3AA00**
CP 1613 A2 PCI card (32-bit) for connecting PG/PC to Industrial Ethernet (communication software S7-1613 and TF-1613 must be ordered separately)	•	•	•	•	•	•	**6GK1 161-3AA01**
S7-1613 2006 Communication software for S7 functions and S5/505 Layer 4 communication with TCP/IP • Single License [3]	–	•	•	•	•	–	**6GK1 716-1CB64-3AA0** [3]
TF-1613 2006 Communication software for TF functions and S5/505 Layer 4 communication with TCP/IP • Single License [3]	•	•	•	–	•	–	**6GK1 716-1TB64-3AA0** [3]

• **System connection possible**

1) Via any interface board with NDIS 3.0 interface; no separate communication software required.
2) SOFTNET-S7 Lean 2006 included in the delivery package of WinCC V6.2 SP2.
3) For upgrade packages see table below on page 2: SIMATIC NET Upgrade Packages
   The licenses supplied with SIMATIC NET Edition 2008 are also valid for all versions as from and including SIMATIC NET Edition 2006.
   The software SIMATIC NET Edition 2006 is not supplied together with WinCC V6.2 SP2.

SIMATIC NET Upgrade Packages (for upgrading to the current version)
Further information at: http://support.automation.siemens.com/WW/view/en/31675909

Industrial Ethernet		
SOFTNET-S7	• for SIMATIC NET Edition 2006 (V6.4), Edition 2007 (V7.0), Edition 2008 (V7.1)	**6GK1 704-1CW00-3AE0**
SOFTNET-S7	• for SIMATIC NET V6.0, V6.1, V6.2 and Edition 2005 (V6.3)	**6GK1 704-1CW00-3AE1**
SOFTNET-S7 Lean	• for SIMATIC NET Edition 2006 (V6.4), Edition 2007 (V7.0), Edition 2008 (V7.1)	**6GK1 704-1LW00-3AE0**
SOFTNET-S7 Lean	• for SIMATIC NET V6.0, V6.1, V6.2 and Edition 2005 (V6.3)	**6GK1 704-1LW00-3AE1**
S7-1613	• for SIMATIC NET Edition 2006 (V6.4), Edition 2007 (V7.0), Edition 2008 (V7.1)	**6GK1 716-1CB00-3AE0**
S7-1613	• for SIMATIC NET V6.0, V6.1, V6.2 and Edition 2005 (V6.3)	**6GK1 716-1CB00-3AE1**
PROFIBUS		
S7-5613	• for SIMATIC NET Edition 2006 (V6.4), Edition 2007 (V7.0), Edition 2008 (V7.1)	**6GK1 713-1CB00-3AE0**
S7-5613	• for SIMATIC NET V6.0, V6.1, V6.2 and Edition 2005 (V6.3)	**6GK1 713-1CB00-3AE1**
DP-5613	• for SIMATIC NET Edition 2006 (V6.4), Edition 2007 (V7.0), Edition 2008 (V7.1)	**6GK1 713-1DB00-3AE0**
DP-5613	• for SIMATIC NET V6.0, V6.1, V6.2 and Edition 2005 (V6.3)	**6GK1 713-1DB00-3AE1**
FMS-5613	• for SIMATIC NET Edition 2006 (V6.4) and Edition 2007 (V7.0)	**6GK1 713-1FB00-3AE0**
FMS-5613	• for SIMATIC NET V6.0, V6.1, V6.2 and Edition 2005 (V6.3)	**6GK1 713-1FB00-3AE1**

Communication components for PG/PC to SIMATIC for   WinCC V6.2 SP2   { 01/2008 }
In the delivery package: SIMATIC NET CD Edition 2006 (V6.4)   { 01/2007 }

PROFIBUS	SIMATIC S5 PROFIBUS FDL	SIMATIC S7 Protocol Suite	PROFIBUS DP	PROFIBUS FMS	Order no.
Communication components to supplement the OS/OP					
CP 5611 A2 PCI card (32-bit) for connecting PG/PC to PROFIBUS or MPI (communication software included in the WinCC Basic package)	–	●	–	–	**6GK1 561-1AA01**
CP 5512 PCI card (32-bit) for connecting PG/PC to PROFIBUS or MPI (communication software included in the WinCC Basic package)	–	●	–	–	**6GK1 552-2AA00**
CP 5613 A2 PCI card (32-bit) for connecting PC to PROFIBUS (communication software S7-5613, DP-5613 and FMS-5613 must be ordered separately)	●	●	●	●	**6GK1 561-3AA01**
S7-5613 2006 Communication software for S7 functions + PROFIBUS FDL • Single License [1]	●	●	–	–	**6GK1 713-5CB64-3AA0** [1]
DP-5613 2006 Communication software for PROFIBUS DP Master + FDL • Single License [1]	●	–	●	–	**6GK1 713-5DB64-3AA0** [1]
FMS-5613 2006 Communication software for PROFIBUS FMS + FDL • Single License [1]	●	–	–	●	**6GK1 713-5FB64-3AA0** [1]

● **System connection possible**

1) For upgrade packages see table below on page 2: SIMATIC NET Upgrade Packages
    The licenses supplied with SIMATIC NET Edition 2008 are also valid for all versions as from and including SIMATIC NET Edition 2006.
    The software SIMATIC NET Edition 2006 is not supplied together with WinCC V6.2 SP2.

Expanding existing plants with WinCC V6.x and SIMATIC NET driver software

If driver software up to and including SIMATIC NET Edition 2006 (V6.4) is available, you must procure the corresponding SIMATIC NET driver software; the license supplied is downwards compatible up to and including Edition 2006.
If driver software up to and including SIMATIC NET Edition 2005 (V6.3) is available, you must procure the corresponding SIMATIC NET Edition 2005 copying license; the authorization supplied is downwards compatible as from and including Edition 2005 (V6.3) up to SIMATIC NET V6.0.

SIMATIC NET Edition 2005 (V6.3)   Copying licenses
Further information at: http://support.automation.siemens.com/WW/view/en/24640176

Industrial Ethernet - Copying licenses		
SOFTNET-S7 2005	• Authorization - driver software not included in the delivery package	**6GK1 704-1CW63-3AB0**
SOFTNET-S7 Lean 2005	• Authorization - driver software not included in the delivery package	**6GK1 704-1LW63-3AB0**
S7-1613 2005	• Authorization - driver software not included in the delivery package	**6GK1 716-1CB63-3AB0**
TF-1613 2005	• Authorization - driver software not included in the delivery package	**6GK1 716-1TB63-3AB0**
PROFIBUS - Copying licenses		
S7-5613 2005	• Authorization - driver software not included in the delivery package	**6GK1 713-1CB63-3AB0**
DP-5613 2005	• Authorization - driver software not included in the delivery package	**6GK1 713-1DB63-3AB0**
FMS-5613 2005	• Authorization - driver software not included in the delivery package	**6GK1 713-1FB63-3AB0**
Data media with driver software		
SIMATIC NET CD Edition 2005	• Data media with driver software	**6GK1 704-0AA07-3AA0**