

Integration (continued)

**Communications components for PG/PC for SIMATIC
(for WinCC V7.4 SP1)**

Industrial Ethernet	SIMATIC S5 Ethernet Layer 4	SIMATIC S5 TCP/IP	SIMATIC S7 Protocol Suite	SIMATIC 505 Ethernet Layer 4	SIMATIC 505 TCP/IP ¹⁾	Article No.
WinCC – channel DLL						
SIMATIC S5 Ethernet Layer 4 Channel DLL for S5 Layer 4 communication + TCP/IP	•	•				Included in the basic package
SIMATIC S7 Protocol Suite Channel DLL for S7 functions			•			Included in the basic package
SIMATIC 505 Ethernet Layer 4 Channel DLL for 505 Layer 4 communication				•		Included in the basic package
SIMATIC 505 TCP/IP ¹⁾ Channel DLL for 505 TCP/IP communication					•	Included in the basic package
Communication components for extension of the OS/OP						
CP 1612 A2 PCI card for connecting a PG/PC to Industrial Ethernet (SOFTNET-S7 or SOFTNET-S7 Lean communication software must be ordered separately)		•	•		•	6GK1161-2AA01
SOFTNET-IE S7 Communication software for S7 functions (max. 64 connections) • Version 14 SP1 ²⁾³⁾ for Windows 7 SP1 Prof./Ult. (32/64-bit), Windows 8.1 PRO (64-bit), Windows 10 server 2008 R2 SP1, server 2012 R2 (64-bit)		•	•			6GK1704-1CW14-0AA0
SOFTNET-IE S7 Lean Communication software for S7 functions (max. 8 connections) • Version 14 SP1 ²⁾³⁾ for Windows 7 SP1 Prof./Ult. (32/64-bit), Windows 8.1 PRO (64-bit), Windows 10 server 2008 R2 SP1, server 2012 R2 (64-bit)		•	•			6GK1704-1LW14-0AA0
CP 1613 A2 PCI card (32-bit) for connecting a PG/PC to Industrial Ethernet (S7-1613 communication software required)	•	•	•	•	•	6GK1161-3AA01
CP 1623 PCI Express X1 card (32-bit) for connecting a PG/PC to Industrial Ethernet (S7-1613 communication software required)	•	•	•	•	•	6GK1162-3AA00
CP 1628 PCI Express X1 card (32-bit) for connecting a PG/PC to Industrial Ethernet (HARDNET-IE S7 / S7-1613 communication software required)	•	•	•	•	•	6GK1162-8AA00
HARDNET-IE S7 / S7-1613 Communication software for S7 functions, OPC, PG/OP communication • Version 13 SP2 ²⁾³⁾ for Windows 7 SP1 (32/64-bit), Windows 8.1 (32/64-bit), Windows 2008 R2 SP1 Server, Server 2012 R2 (64-bit), and Windows 10 (64-bit)	•	•	•	•		6GK1716-1CB13-0AA0

- System interface possible

¹⁾ Via any interface board with NDIS 3.0 interface; no separate
communication software required

²⁾ See ordering data for SIMATIC NET upgrade packages

³⁾ SIMATIC NET Version V12 SP2 is supplied together with WinCC V7.4 SP1

⁴⁾ SOFTNET-S7 Lean included in scope of supply of WinCC V7.4 SP1

HMI Software

SCADA system SIMATIC WinCC V7

SIMATIC WinCC V7

Ordering data

Article No.

SIMATIC WinCC Software Update Service (SUS) ^{3) 4) 5)}

SIMATIC WinCC V7 Update

Software Update Service for WinCC basic software and options:

- 1 license
- 3 licenses
- 10 licenses

Download

- 1 license
- 3 licenses
- 10 licenses

SIMATIC WinCC V7.3 SE incl. Update 1

DVD WinCC V7.3 SE incl. Update 1

6AV6381-1AA00-0AX5
6AV6381-1AA00-0BX5
6AV6381-1AA00-0CX5

6AV6381-1KA00-0AX5
6AV6381-1KA00-0BX5
6AV6381-1KA00-0CX5

S79220-B5964-P

- 1) According to licensing provisions, 1 upgrade package must be ordered for each WinCC station
- 2) Upgrading from V7.0 RT/RC ASIA to V7.3 ASIA is carried out using the "respective non-Asia package"
- 3) The Software Update Service is valid for 1 year. The contract is automatically extended by 1 more year unless canceled 3 months prior to expiration. According to licensing provisions, 1 Software Update Service must be ordered for each WinCC station.
- 4) Requires the current software version
- 5) SUS is available as download

Article No.

SIMATIC WinCC V7.4 SP1 Communication via Industrial Ethernet / PROFIBUS

CP 1612 A2

PCI card (32-bit) for connection of a PG/PC to Industrial Ethernet (10/100/1000 Mbps) with RJ45 connection via SOFTNET S7 and SOFTNET PG. Windows 8.1 and Windows 2012 Server are not supported.

6GK1161-2AA01

SOFTNET IE S7 Version 14 SP1

SOFTNET-IE S7 V14 software for S7 and S5-comp. communication, OPC; PG/OP communication, configuration software, up to 64 conn.; floating license; runtime software, software and electr. manual; on DVD; license key on USB stick; class A; 2 languages (German/English); for 32/64 bit; Windows 7 SP1 Prof./Ultimate, 64 bit: Windows 8.1 Pro; Windows 10 Server 2008 R2 SP1, 2012 R2; CP 1612 (not Win 8.1, Win 10 Server 2012, R2)

- Single license for 1 installation
- Upgrade package for SIMATIC NET Edition 2006 or higher
- Upgrade package for SIMATIC NET V6.0, V6.1, V6.2 and Edition 2005

6GK1704-1CW14-0AA0
6GK1704-1CW00-3AE0

6GK1704-1CW00-3AE1

SOFTNET-IE S7 Lean Version 14 SP1 (license included in scope of supply of WinCC V7.4 SP1)

SIMATIC NET SOFTNET-IE S7 LEAN V14; SW f. S7 + S5-comp. comm., OPC PG/OP comm., config. SW, up to 8 conn.; floating license; R-SW, SW + electr. manual on DVD; license key on USB stick; class A; 2 languages (German/English); for 32/64 bit; Win 7 SP1 Prof./Ult., 64 bit: Win 8.1 PRO; Windows 10 Server 2008 R2 SP1, 2012 R2; CP 1612 (not Win 8.1, Win 10 Server 2012, R2)

- Single license for 1 installation
- Upgrade package for SIMATIC NET Edition 2006 or higher
- Upgrade package for SIMATIC NET V6.0, V6.1, V6.2 and Edition 2005

6GK1704-1LW14-0AA0
6GK1704-1LW00-3AE0

6GK1704-1LW00-3AE1

CP 1613 A2

PCI card (32-bit) for connecting a PG/PC to Industrial Ethernet (communications software must be ordered separately)

6GK1161-3AA01

CP 1623

PCI Express X1 card (32-bit) for connection of PG/PC to Industrial Ethernet (communications software must be ordered separately)

6GK1162-3AA00

CP 1628

PCI Express X1 card (32-bit) for connecting a PG/PC to an Industrial Ethernet (communications software must be ordered separately)

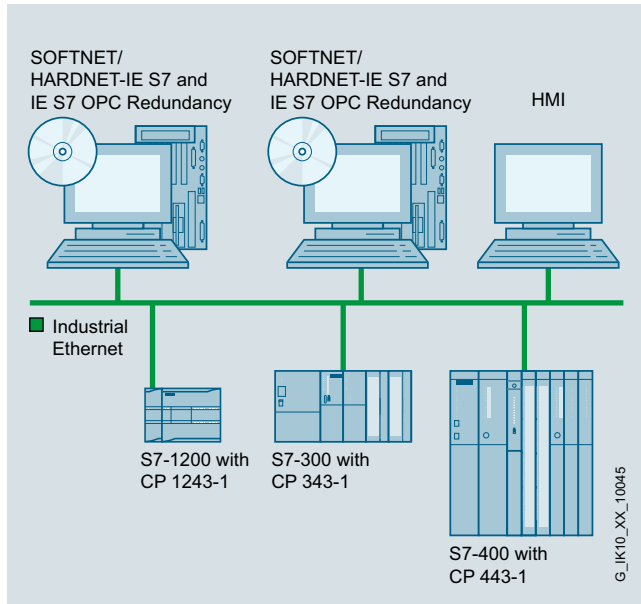
6GK1162-8AA00

PC-based Automation

Communication
Industrial Ethernet

SOFTNET for Industrial Ethernet

Overview



System configuration SOFTNET for Industrial Ethernet

ISO	TCP/UDP	PN	MRP	OPC	PG/OP	S7/S5	IT
●	●			●	●	●	

- Software for coupling programming devices/PCs/workstations to automation systems
- Communication services:
 - PG/OP communication
 - S7 communication
 - Open communication (SEND/RECEIVE)
- Can be used with
 - Layer 2 Ethernet card (PCI/PCle), e.g. CP 1612 A2
 - Integrated Industrial Ethernet interface
 - Modem/ISDN (Remote Access Service RAS)
- Complete protocol stack as a software package
- Increased availability thanks to additional option packages such as OPC server redundancy

Ordering data

Article No.

SOFTNET S7 for Industrial Ethernet

Software for S7 and open communication, incl. OPC server, PG/OP communication, and NCM PC/STEP 7 Professional V12, runtime software, software and electronic manual on CD-ROM, license key on a USB flash drive, Class A

SOFTNET-IE S7 V14

For 32/64-bit: Windows 7 SP1 Professional/Ultimate
For 64-bit: Windows 8.1 Pro
For 64-bit: Windows 10 PRO and Ent., Windows Server 2016, Windows Server 2008 R2 SP1
For 64-bit: Windows Server 2012 R2 English/German

Up to 64 connections;
single license for one installation

- On DVD
- Download ¹⁾

6GK1704-1CW14-0AA0
6GK1704-1CW14-0AK0

Software Update Service

For 1 year with automatic extension;
requirement: current software version

6GK1704-1CW00-3AL0

Upgrade

- From Edition 2006 to Edition 2008 or V13
- From V6.0, V6.1, V6.2 or V6.3 to Edition 2008 or V13

6GK1704-1CW00-3AE0

6GK1704-1CW00-3AE1

¹⁾ For more details of online software delivery, visit:
<http://www.siemens.com/tia-online-software-delivery>
under Ordering Data.