

Urbanization, globalization, population growth
new solutions from industry that go far beyond

With a broad product range for Industrial Remote Communication, we offer the ideal solution for a variety of requirements in terms of availability, flexibility and bandwidth. Whether in manufacturing automation, the process industry or public infrastructure sectors, Industrial Remote Communication

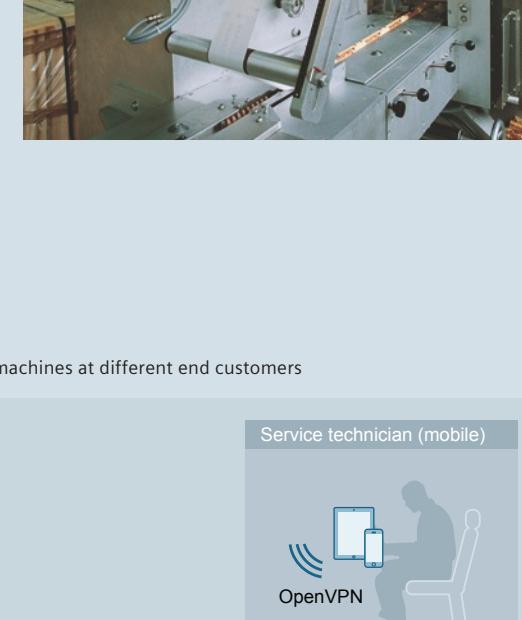
industry or public infrastructure sectors – Industrial Remote Communication provides secured and economical remote access to widely distributed machines, plants and applications of all sizes.

Increased productivity with teleservice (remote maintenance/diagnostics)

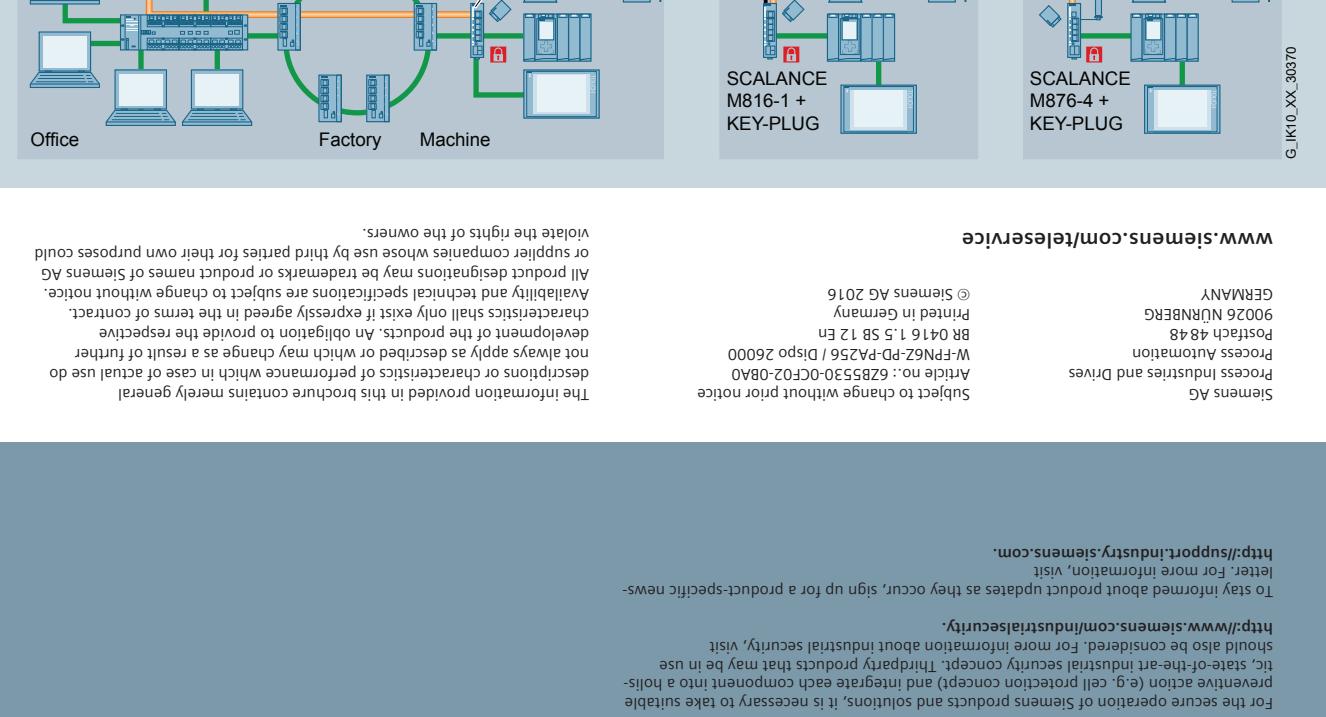
Machines and plants are increasingly operated in places that are far away from the place of manufacture. Plant manufacturers must nevertheless be

tenance can be used to diagnose and maintain machines and systems anywhere in the world. This contributes considerably to the reduced on-site service deployments and the associated travel and staff costs. Plant subsystems and controllers can be remotely programmed and

- Remote maintenance of machines
- Remote support of on-site operating personnel
- Firmware and program updates



Internet connection SCALANCE S615 +



A horizontal banner at the bottom of the page. On the left is the blue Siemens logo. To its right are two black cylindrical components with gold-colored connectors. Next is a silver laptop with the Siemens logo on its screen. To the right of the laptop is a white document with text and a barcode.

A screenshot of the SIMATIC Manager Client software interface. The main window displays a network topology with nodes like 'PC' and 'SIMATIC 300'. A sidebar on the left shows 'Network Overview' with sections for 'Switches', 'Routers', and 'WLAN'. On the right, there's a 'CERTIFICATE OF' section with a certificate for 'SIMATIC 300' and a 'SIMATIC NET' logo.

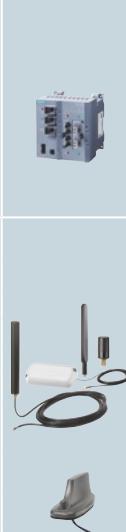
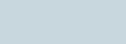
Ordering overview Edition 04/2016

A close-up photograph of a laptop keyboard, showing the keys and the trackpad area.



Ordering overview for Industrial Remote Communication - Tel		
Remote networks – components for remote communication over public or private, hetero		
Application	Product	Comments

6GK1722-1JH01-0BV0

Remote networks – components for remote communication over public or private, heterogeneous networks										
	Application	Product	Network type 1	Network type 2	Interfaces	Comments	Article no. *			
	Modems and routers	SCALANCE M812-1	Industrial Ethernet	Internet (DSL)	1 x RJ45 1 x RJ12	ADSL2T ANNEX A ADSL2+ ANNEX B	6GK5812-1AA00-2AA2 6GK5812-1BA00-2AA2			
		SCALANCE M816-1			4 x RJ45 1 x RJ12	ADSL2T ANNEX A ADSL2+ ANNEX B	6GK5816-1AA00-2AA2 6GK5816-1BA00-2AA2			
		SCALANCE M826-2		2-wire (SHDSL)	4 x RJ45 2 x terminal block (2-pin)	SHDSL	6GK5826-2AB00-2AB2			
		SCALANCE M874-2		Mobile radio GSM (2G)	2 x RJ45 1 x SMA antenna connection	IP router for transparent data transfer between Ind. Ethernet and 2G mobile network (VPN with IPsec/OpenVPN**)	6GK5874-2AA00-2AA2			
		SCALANCE M874-3	Industrial Ethernet	Mobile radio GSM (2G), UMTS (3G)	2 x RJ45 1 x SMA antenna connection	IP router for transparent data transfer between Ind. Ethernet and 3G mobile network (VPN with IPsec/OpenVPN**)	6GK5874-3AA00-2AA2			
		SCALANCE M875		Mobile radio GSM (2G), UMTS (3G)	2 x RJ45 2 x SMA antenna connection	IP router for transparent data transfer between Ind. Ethernet and 3G mobile network (VPN with IPsec)	6GK5875-0AA10-1AA2			
		SCALANCE M876-3		Mobile radio GSM (2G), UMTS (3G)/ CDMA2000 (EV-DO)	4 x RJ45 2 x SMA antenna connection	IP router for transparent data transfer between Ind. Ethernet and 3G mobile network (VPN with IPsec/OpenVPN**)	6GK5876-3AA02-2BA2			
		SCALANCE M876-4		Mobile radio GSM (2G), UMTS (3G), LTE (4G)	4 x RJ45 2 x SMA Antenna connection	IP router for transparent data transfer between Ind. Ethernet and 4G mobile network (VPN with IPsec/OpenVPN**)	6GK5876-4AA00-2BA2			
		SCALANCE S615	Industrial Ethernet	5 x RJ45		IP router for transparent data transfer in Ind. Ethernet networks (VPN with IPsec/OpenVPN**)	6GK5615-0AA00-2AA2			
	Security modules	SCALANCE S602		2 x RJ45		Network segments secured with firewall, VPN with IPsec	6GK5602-0BA10-2AA3			
		SCALANCE S612		2 x RJ45		Network segments secured with firewall, VPN with IPsec; up to 128 VPN tunnels simultaneously	6GK5612-0BA10-2AA3			
		SCALANCE S623		3 x RJ45		Network segments secured with firewall, VPN with IPsec; up to 128 VPN tunnels simultaneously; additional RJ45 DMZ port (DMZ: "demilitarized zone")	6GK5623-0BA10-2AA3			
		SCALANCE S627-2M	Industrial Ethernet	3 x RJ45 fixed 4 x variable (dep. on media module)		Network segments secured with firewall, VPN with IPsec; up to 128 VPN tunnels simultaneously; additional RJ45 DMZ port (DMZ: "demilitarized zone"); also with 2 pluggable media modules with up to 2 ports for RJ45, M12, FO (ST/BFOC or SC)	6GK5627-2BA10-2AA3			
		ANT794-3M antenna				For use in GSM networks	6NH9870-1AA00			
	Accessories	ANT794-4MR antenna					6NH9860-1AA00			
		ANT896-4MA antenna					6GK5896-4MA00-0AA3			
		ANT896-4ME antenna					6GK5896-4ME00-0AA0			
		ANT896-6MH antenna					6GK5896-6MH00-0AA0			
		ANT896-6MM antenna					6GK5896-6MM00-0AA0			
		LP798-1N lightning protector				2 N-Connect female connectors, 0 ... 6 GHz, IP 68	6GK5798-2LP00-2AA6			
		Cabinet feedthroughs N/N female/female				2 N-Connect female connectors, 0 ... 11 GHz, IP 68	6GK5798-2PP00-2AA6			
		Elbow adapter				SMA/SMA male/female	6GK5898-1CV00-4AA0			
		SIMATIC NET N-Connect/SMA male/male Flexible connection cable				Length 0.3 m Length 1 m Length 2 m Length 5 m	6XV1875-5LE30 6XV1875-5LH10 6XV1875-5LH20 6XV1875-5LH50			
		SIMATIC NET N-Connect male/male flexible connection cable				Length 1 m Length 2 m Length 5 m Length 10 m	6XV1875-5AH10 6XV1875-5AH20 6XV1875-5AH50 6XV1875-5AN10			
Softnet client										
	Software for establishing secured connections	Softnet Security Client				SIMATIC NET Ind. Ethernet Softnet Security Client V4+HF1 SW for creating secured, IP-based VPN connections from a PC/PG to network segments secured by SCALANCE S or SCALANCE M	6GK1704-1VW04-0AA0			
Industrial Security communications processors (CPs) with IPsec										
	Application	Product	Network type 1	Network type 2	Interfaces	Comments	Article no. *			
	Security communications processors	CP 1243-1	Industrial Ethernet	1 x RJ45		For connection of a SIMATIC S7-1200 controller to Ind. Ethernet; integrated security functions (firewall, IPsec); additionally for the connection of S7-1200 stations to the control center software TeleControl Server Basic	6GK7243-1BX30-0XE0			
		CP 1543-1		1 x RJ45		For connection of SIMATIC S7-1500 to Ind. Ethernet; integrated security functions (firewall, IPsec) as well as support of FTPS and SNMPv3 protocols for data encryption	6GK7543-1AX00-0XE0			
		CP 1543SP-1		2 x RJ45		For connection of Distributed Controller SIMATIC ET 200SP to Ind. Ethernet with 2-port switch (RJ45) and integrated security functions (firewall, IPsec)	6GK543-6WX00-0XE0***			
		CP 343-1 Advanced	Industrial Ethernet	1 x RJ45 + 2 x RJ45		For connection of SIMATIC S7-300 to Ind. Ethernet; integrated security functions (firewall, IPsec); additional integrated switch and Layer 3 routing functionality	6GK7343-1GX31-0XE0			
		CP 443-1 Advanced		1 x RJ45 + 4 x RJ45		For connection of SIMATIC S7-400 to Ind. Ethernet; PROFINET and SIMATIC protocols; S7 routing; IP configuration via DHCP/block; IP access control list	6GK7443-1GX30-0XE0			
		CP 1628	Industrial Ethernet	2 x RJ45		For connection to Ind. Ethernet with 2-port switch (RJ45) and integrated security (firewall, IPsec) via S7-1613 and S7-Redconnect	6GK1162-8AA00			
SIMATIC TeleService										
	TeleService adapters	TS Adapter II Analog	Analog	MPI/PROFIBUS	1 x RS 232	SIMATIC S7, TS Adapter II for SIMATIC TeleService RS 232 and integrated analog modem, MPI/DP connection, power supply MPI or ext. 24 V Parameterization via USB	6ES7972-0CB35-0XA0			
		TS Adapter II ISDN	ISDN			SIMATIC S7, TS Adapter II ISDN for SIMATIC TeleService RS 232 and integrated ISDN modem, MPI/DP connection, power supply MPI or ext. 24 V Parameterization via USB	6ES7972-0CC35-0XA0			
		TS Adapter IE Analog	Analog	PROFINET/Industrial Ethernet	1 x RJ45	SIMATIC S7, TS Adapter IE modem for SIMATIC TeleService RS232 and integr. analog modem, Ethernet connection External power supply 24 V	6ES7972-0EM00-0XA0			
		TS Adapter IE ISDN	ISDN			SIMATIC S7, TS Adapter IE ISDN for SIMATIC TeleService RS232 and integr. ISDN Modem, Ethernet connection External power supply 24 V	6ES7972-0ED00-0XA0			
		TS Adapter IE Basic				Network type dep. on connected module	6ES7972-0EB00-0XA0			
		TS Adapter IE Advanced				Network type dep. on connected module	6ES7972-0EA00-0XA0			
	Additional modules for TeleService adapters	TS GSM modules	GSM			Connection to TS Adapter IE Basic and TS IE Advanced	6GK7972-0MG00-0XA0			
		TS modem modules	Analog				6ES7972-0MM00-0XA0			
		TS module ISDN	ISDN			Connection to TS Adapter IE Basic	6ES7972-0MD00-0XA0			
		TS RS 232 modules	RS 232				6ES7972-0MS00-0XA0			
	Software for TeleService adapters	SIMATIC TeleService software					6ES7842-0CE00-0YE0			
		Mounting adapter for S7-300 rail 60 mm					6ES7972-0SE00-7AA0			
	Accessories	Quad-band GSM antenna for TS GSM modules					6NH9860-1AA00			

* Current ordering data can be found on the Internet at: www.siemens.com/industrymall

Conditions of sale and delivery can be found at:

www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf

** OpenVPN for connection to SINEMA Remote Connect

*** Can be ordered with rollout TIA Portal V14