



	Application	Product	Network type 1	Network type 2	Interfaces	Comments	Article No. <sup>2)</sup>
<b>SCALANCE S Industrial Security Appliances for flexible network segmentation</b>							
Industrial Security Appliances	SCALANCE S	SCALANCE SC632-2C	Industrial Ethernet	2 x combo port with RJ45 or SFPs	Protection of devices and networks with firewall (600 Mbit/s data throughput); address translation with NAT/NAPT; Connection to SINEMA Remote Connect	6GK5632-2GS00-2AC2	
		SCALANCE SC636-2C		4 x RJ45 2 x combo port with RJ45 or SFPs	Protection of devices and networks with firewall (100 Mbit/s data throughput) and VPN (IPsec/OpenVPN <sup>3)</sup> ; address translation with NAT/NAPT; Connection to SINEMA Remote Connect	6GK5636-2GS00-2AC2	
		SCALANCE S615		5 x RJ45	Protection of devices and networks with firewall (100 Mbit/s data throughput) and VPN (IPsec/OpenVPN <sup>3)</sup> ; address translation with NAT/NAPT; Connection to SINEMA Remote Connect	6GK5615-0AA00-2AA2	
		SCALANCE SC642-2C		2 x combo port with RJ45 or SFPs	Protection of devices and networks with firewall (600 Mbit/s data throughput) and VPN (IPsec/OpenVPN <sup>3)</sup> ; address translation with NAT/NAPT; Connection to SINEMA Remote Connect	6GK5642-2GS00-2AC2	
		SCALANCE SC646-2C		4 x RJ45 2 x combo port with RJ45 or SFPs	Protection of devices and networks with firewall (600 Mbit/s data throughput) and VPN (IPsec/OpenVPN <sup>3)</sup> ; address translation with NAT/NAPT; Connection to SINEMA Remote Connect	6GK5646-2GS00-2AC2	
<b>SCALANCE M Industrial Routers for secured remote access via public and private networks</b>							
Industrial Routers	SCALANCE M	SCALANCE M804PB	Industrial Ethernet	PROFIBUS/MPI	2 x RJ45 1 x RS-485	Router for connecting PROFIBUS/MPI automation devices to Ethernet networks; firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK5804-0AP00-2AA2
		SCALANCE M812-1		Internet (DSL)	1 x RJ45 1 x RJ12	ADSL2+ ANNEX A; firewall and VPN (IPsec/OpenVPN <sup>3)</sup>	6GK5812-1AA00-2AA2
		SCALANCE M816-1			4 x RJ45 1 x RJ12	ADSL2+ ANNEX A; firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK5816-1AA00-2AA2
		SCALANCE M826-2		2-wire (SHDSL)	4 x RJ45 2 x terminal block (2-pin)	ADSL2+ ANNEX B, J; firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK5826-1BA00-2AA2
		SCALANCE M874-2			Mobile wireless GSM (2G)	SHDSL; firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK5874-2AA00-2AA2
		SCALANCE M874-3				IP router for transparent data transmission between Industrial Ethernet and 2G mobile wireless network; firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK5874-3AA00-2AA2
		SCALANCE M876-3		Mobile wireless GSM (2G), UMTS (3G)/DMA2000 (EV-DO)	2 x RJ45 1 x SMA antenna connection	IP router for transparent data transmission between Industrial Ethernet and 3G mobile wireless network; firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK5876-3AA02-2BA2
		SCALANCE M876-4 (EU)			4 x RJ45 2 x SMA antenna connection	IP router for transparent data transmission between Industrial Ethernet and 4G mobile wireless network; firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK5876-4AA00-2BA2
		SCALANCE M876-4 (NAM) <sup>5)</sup>		Mobile wireless GSM (2G), UMTS (3G), LTE (4G)	4 x RJ45 2 x SMA antenna connection	IP router for transparent data transmission between Industrial Ethernet and 4G mobile wireless network; firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK5876-4AA00-2DA2
<b>Industrial Security Communications Processors (CPs) for remote SIMATIC controllers and IPCs</b>							
		CP 1243-7 LTE (EU)	Mobile wireless GSM (2G), UMTS (3G), LTE (4G)	1 x SMA antenna connection for LTE	For connecting the SIMATIC S7-1200 to the 4G mobile wireless network (LTE); for connection to control rooms via TeleControl Basic remote control protocol; consider country approvals; firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK7243-7KX30-0XE0	
		CP 1243-7 LTE (US)				6GK7243-7SX30-0XE0	
Security Communications Processors	CP	CP 1243-1	Industrial Ethernet	1 x RJ45	For connecting SIMATIC S7-1200; to control rooms via remote control protocols (DNP3, IEC 60870, TeleControl Basic); firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK7243-1BX30-0XE0	
		CP 1243-8 IRC		1 x RJ45 1 x 18-pin socket left for connecting TS modules	For connecting SIMATIC S7-1200; to control rooms via remote control protocols (SINAUT ST7, DNP3, IEC 60870-5-104); can be expanded with TS module; firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK7243-8RX30-0XE0	
		CP 1543-1		1 x RJ45	For connecting SIMATIC S7-1500; firewall and VPN (IPsec); and support of FTPS and SNMPv3 protocols for data encryption	6GK7543-1AX00-0XE0	
		CP 1542SP-1 IRC		BusAdapter (BA), 2 ports (RJ45 or FO) depending on BA type	For connecting SIMATIC ET 200SP Distributed Controller; for connection to control rooms via remote control protocols (SINAUT ST7, DNP3, IEC 60870-5-104, TeleControl Basic); VPN (OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK7542-6VX00-0XE0	
		CP 1543SP-1			For connecting SIMATIC ET 200SP Distributed Controller; firewall and VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK7543-6WX00-0XE0	
		CP 343-1 Advanced	Industrial Ethernet	1 x RJ45 + 2 x RJ45	For connecting SIMATIC S7-300; firewall and VPN (IPsec); Layer 3 routing functionality	6GK7343-1GX31-0XE0	
		CP 443-1 Advanced		1 x RJ45 + 4 x RJ45	For connecting SIMATIC S7-400; firewall and VPN (IPsec); Layer 3 routing functionality	6GK7443-1GX30-0XE0	
		CP 1628	Industrial Ethernet	2 x RJ45	For connecting a PC/IPC; firewall and VPN (IPsec);	6GK1162-8AA00	
<b>RUGGEDCOM – Rugged security components for harsh environmental conditions</b>							
Mobile Wireless Routers	RUGGEDCOM RX	RUGGEDCOM RX1400	Industrial Ethernet	Mobile wireless GSM (2G), UMTS (3G), LTE (4G)	4 x RJ45 2 x SFP 5 x SMA antenna connection (mobile wireless, WLAN and GPS)	Compact and rugged Ethernet switch/router with WLAN or mobile wireless; firewall and VPN (IPsec); Virtual Processing Engine for 3rd party applications <sup>4)</sup>	6GK6014-0MA2...-
		RUGGEDCOM RM1224 (EU)		Mobile wireless GSM (2G), UMTS (3G), LTE (4G)	4 x RJ45 2 x SMA antenna connection	IP router for transparent data transmission between Industrial Ethernet and 4G mobile wireless network; VPN (IPsec/OpenVPN <sup>3)</sup> ; Connection to SINEMA Remote Connect	6GK6108-4AM00-2BA2
		RUGGEDCOM RM1224 (NAM) <sup>5)</sup>		Mobile wireless GSM (2G), UMTS (3G), LTE (4G)	Up to six line modules for up to 36 ports	Industrially hardened Layer 2 and Layer 3 switch/router; firewall and VPN (IPsec); APE module for 3rd party applications <sup>4)</sup>	6GK6015-0AM2...- 6GK6015-0BM2...- 6GK6015-1AM2...- 6GK6015-1BM2...- 6GK6015-1CM2...-
	Multi-Service Platform	RUGGEDCOM RX1500 RUGGEDCOM RX1501 RUGGEDCOM RX1510 RUGGEDCOM RX1511 RUGGEDCOM RX1512		Industrial Ethernet	Up to six line modules for up to 98 ports	Routing and switching platform with high port density; firewall and VPN (IPsec)	6GK6050-0AM2...-
		RUGGEDCOM RX5000	Industrial Ethernet	2 x RJ45			
<b>SCALANCE TAP104 for exporting entire data traffic for detection of anomalies</b>							
	Test Access Port	SCALANCE TAP104	Industrial Ethernet	2x RJ45 network ports 2x RJ45 diagnostic ports	For frame export in 10/100 Mbit/s Industrial Ethernet networks for data analysis	6GK5104-0BA00-1SA2	
	Application	Product			Comments		Article No. <sup>2)</sup>
<b>Access control</b>							
	Physical network access protection	IE RJ45 Port Lock			Port lock with key for mechanical locking of RJ45 ports		6GK1901-1BB50-0AA0
	Access Control Reader	SIMATIC RF1060R			For implementation of individual access rights and identification of operating personnel at machines and plants		6GT2831-6AA50
		SIMATIC RF1070R					6GT2831-6BA50
<b>Software for control and transparent management of network accesses</b>							
Management platform for secured connections and simple remote access	SCALANCE S	SINEMA Remote Connect Virtual Appliance			Basic software package for 4 VPN connections; SINEMA Remote Connect Client, license key on USB flash drive		6GK1720-1AH01-0BV0
		SINEMA Remote Connect Upgrade 64			64 VPN connection upgrade		6GK1722-1JH01-0BV0
		SINEMA Remote Connect Upgrade 256			256 VPN connection upgrade		6GK1722-1MH01-0BV0
		SINEMA Remote Connect Upgrade 1024			1024 VPN connection upgrade		6GK1722-1QH01-0BV0
		SINEMA Remote Connect Client			OpenVPN client for connecting to SINEMA Remote Connect, license key on USB flash drive		6GK1721-1XG01-0AA0
		KEY-PLUG SINEMA RC			Removable data storage medium for activating the SCALANCE M-800/ S615 connection to SINEMA Remote Connect		6GK5908-0PB00
		<b>SINEMA Remote Connect with autoconfiguration</b>					
		SCALANCE M Industrial Routers		SCALANCE M-800 (except SCALANCE M812-1)	Yes, with KEY-PLUG SINEMA RC		-
		SCALANCE S Industrial Security Appliances		SCALANCE S615	Yes, with KEY-PLUG SINEMA RC		-
		Security Communications Processors (CPs)		SCALANCE SC-600	Yes		-
		SCALANCE M-800/ S615	CP 1243-1/CP 1243-7 LTE CP 1243-8 IRC	CP 1243-1/CP 1243-7 LTE CP 1243-8 IRC	Yes, firmware V3.1 or higher		-
			CP 1543SP-1/CP 1542SP-1 IRC	CP 1543SP-1/CP 1542SP-1 IRC	Yes, firmware V2.0 or higher		-
Software for establishing secured connections	SOFTNET Security Client				SIMATIC NET Ind. Ethernet SOFTNET Security Client V5; SW for establishing secured IP-based VPN connections from a PC/PG to network segments secured by SCALANCE S, SCALANCE M and Security CPs, license key on USB flash drive		6GK1704-1VW05-0AA0
Secure Access Management Solution	RUGGEDCOM CROSSBOW				Software for managing and securing remote maintenance access for field devices according to NERC CIP standards		6GK6000-1BC43-0AA0

<sup>1)</sup> Non-binding price suggestion<sup>2)</sup> Current ordering data can be found on the Internet at: [www.siemens.com/industrymall](http://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](http://www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf)<sup>3)</sup> Used for connection to SINEMA Remote Connect and/or as OpenVPN Client<sup>4)</sup> For further information on tested software applications, please contact your local Siemens partner<sup>5)</sup> For use in North America