

Success factor industrial remote access –
New requirements demand new approaches

Urbanization, globalization, population growth and climate change require new solutions from industry that go far beyond classical remote control and remote monitoring. Industrial communication is vital for high-performance automation applications. 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 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 able to provide support in the event of a fault. Teleservice or remote maintenance can be used to diagnose and maintain machines and systems from anywhere in the world. This contributes considerably to the reduction of on-site service deployments and the associated travel and staff costs. Even plant subsystems and controllers can be remotely programmed or program modules updated with the latest software.

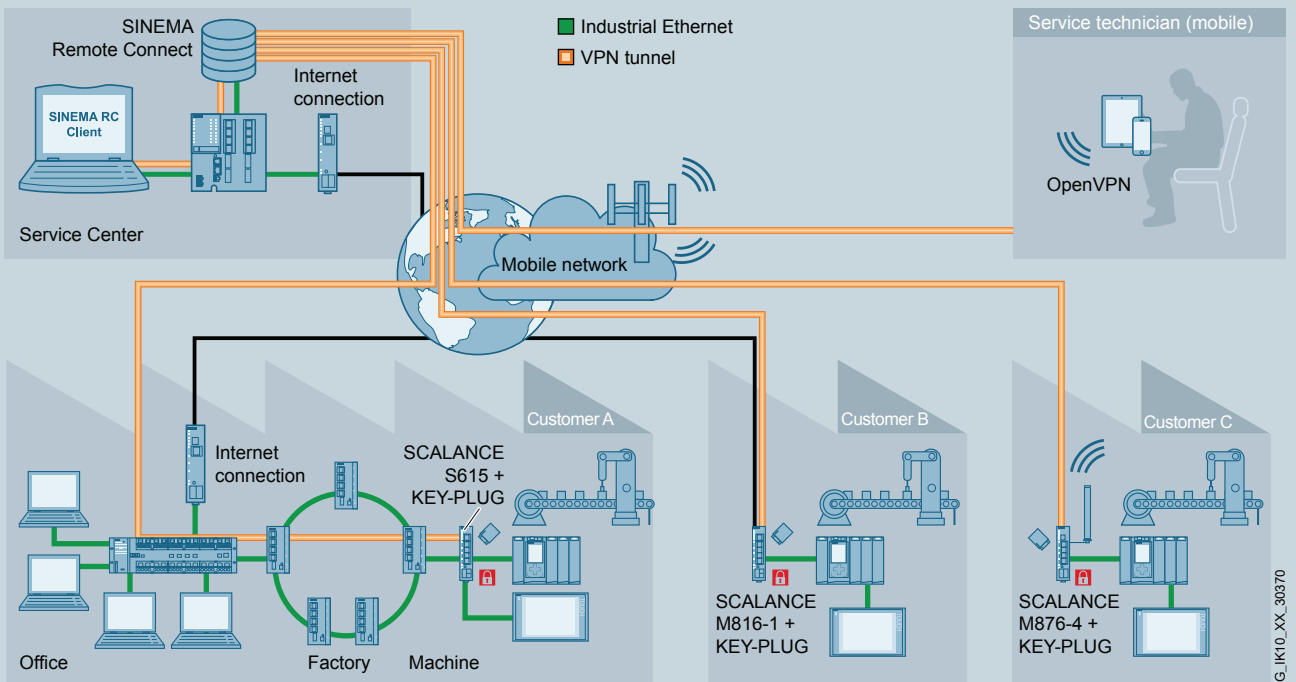
There are a range of possible applications for teleservice, particularly in plant and machine building.

These include:

- Remote maintenance of machines
- Remote support of on-site operating personnel
- Firmware and program updates
- Diagnostics, optimization, and fault rectification



Remote access for teleservice via SINEMA Remote Connect: Remote maintenance of serial machines at different end customers



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Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates.

For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit <http://www.siemens.com/industrialsecurity>.

To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit <http://support.industry.siemens.com>.

Security information

Ordering overview

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Industrial Remote Communication

Components for Teleservice

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Ordering overview for Industrial Remote Communication - Teleservice

Remote networks – components for remote communication over public or private, heterogeneous networks

	Application	Product	Comments	Article no. *
	Management platform for secured connections and simple remote access	SINEMA Remote Connect Virtual Appliance	Basic software package for 4 VPN connections; SINEMA Remote Connect Client	6GK1720-1AH01-0BV0
		SINEMA Remote Connect Upgrade 64	Upgrade to 64 VPN connections	6GK1722-1JH01-0BV0
		SINEMA Remote Connect Upgrade 256	Upgrade to 256 VPN connections	6GK1722-1MH01-0BV0
		SINEMA Remote Connect Upgrade 1024	Upgrade to 1024 VPN connections	6GK1722-1QH01-0BV0
		SINEMA Remote Connect Client	OpenVPN client for connecting to SINEMA RC	6GK1721-1XG01-0AA0
		KEY-PLUG SINEMA RC	KEY-PLUG for activating the connection of SCALANCE M87x/S615 to SINEMA Remote Connect	6GK5908-0PB00

