

Our Network Management System SINEC NMS reliably fulfills process-based and technical security requirements according to the IEC 62443 standard. The combination of SCALANCE SC-600 Industrial Security Appliances and SINEC NMS enhances the overall network security in the field of Operational Technology (OT).

Network Management System, SCALANCE SC-600 Industrial Security Appliance and SCALANCE XC-200 Industrial Ethernet Switch

Test our promotional package right now!

To fulfill these security requirements, SINEC NMS, e.g. generates hundreds of firewall rules to secure your industrial network. You can create communication relations between two communication groups graphically and enforce automatically generated firewall rules on Industrial Security Appliances via policies.

Requirements based on IEC 62443	Your benefits
Identification and authentication control	Role-based access control allows to precisely manage user access and rights including existing users from RADIUS or Active Directory in a centralized user management (UMC)
Protection of software and hardware integrity	Encrypted data communication between the two system levels SINEC NMS Control and SINEC NMS Operation (via certificates and passwords) as well as between SINEC NMS and network components (via SNMPv3, HTTPS, SSH)
Restricted data flow with network segmentation and zone boundary protection	Failure-free policy-based configuration of Access Control Lists (ACL) in multiple switches and routers, visualize redundancy or VLANs to diagnose segmented network architectures including networks behind NAT routers
Asset inventory, statistics, and audit log accessibility	Provide network information anytime at a glance (e.g. asset inventory and network statistics) to comply with security audits and forward/receive information to/from IT systems via standard interfaces
Resource availability and backup	Backup/restore of network device configuration in variable periods, centralized firmware management to, e.g. handle incidents
System and device hardening	Disable physical device buttons and unused ports centrally, deactivate unsecure protocols, e.g., TELNET or HTTP on all supported network devices via policies

## Order your promotional package now!1)

## SINEC NMS & SCALANCE SC632-2C

- 1x SINEC NMS 50 License (DVD)
- 2x SCALANCE SC632-2C Industrial Security Appliance

Article No.: 6GK8781-1AP02

Price: please ask your sales representative

# SINEC NMS, SCALANCE SC632-2C & SCALANCE XC208G

- 1x SINEC NMS 50 License (DVD)
- 1x SCALANCE SC632-2C Industrial Security Appliance
- 1x SCALANCE XC208G Industrial Ethernet Switch

Article No.: 6GK8781-1AP01

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### Additional SINEC software tools to combine with the promotional packages

### SINEC INS (Infrastructure Network Services)



### Software tool for central network services, e.g.:

- Managing dynamic IP addresses (DHCP Server)
- Providing firmware upgrade files (TFTP Server)
- Send/receive Syslog messages (Secure Syslog Server)
- Time synchronization (Secure NTP Server)
- User and device authentication (RADIUS Server)

### Free download:

support.industry.siemens.com/cs/ww/en/view/109781022

### Security information

In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens' products and solutions only form one element of such a concept. For more information about industrial security, please visit <a href="https://www.siemens.com/industrialsecurity">https://www.siemens.com/industrialsecurity</a>

### SINEC PNI (Primary Network Initialization)



### Initialization software for Siemens network components

- Network scan of SCALANCE, RUGGEDCOM and PROFINET devices
- (Bulk) initialization of network device parameters, e.g.:
  - IP address, subnet and gateway, PROFINET name
  - Initial password change (SCALANCE)
- Reset to factory and PROFINET default settings

### Free download:

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