SIEMENS

Online-training - Remote Communication in Industrial Networks (IK-REMOTES)

Kort beskrivning

Remote communication takes place around the globe. It has been used in the private and office environments for many years, and is now being used more and more often in industry. For this reason, the utilization of public network infrastructures is preferred, which by now provides comprehensive coverage virtually worldwide. However, these networks are unsecure transmission media, thus, the remote communication must be secured through the application of appropriate technologies. In addition to the basics of remote communication, participants will learn about network types and Internet access technologies, as well as network structures in remote communication. Using practical exercises you will put VPN technologies and SINEMA RC solutions into operation.

Beskrivning/mål

After attending this course, participants are able to plan and implement networks for remote communication. Furthermore, participants can install SINEMA RC solutions, put them into operation, and apply the solution with its capabilities and various functions in an application example.

Målgrupp

Technical Sales Personnel
Plant Engineers
Control Engineers
System Engineers
Commission Engineers
Application Engineers
Service and Maintenance Personnel
Operations or IT Network Engineers
Facility Managers

Innehåll

Introduction to the basics of remote communication
Network types, network technologies and network structures
Learning about VPN technologies
Introduction to the system solution SINEMA RC
Procedure for the installation and commissioning of SINEMA RC
Understanding the function of SINEMA RC
Comprehensive exercises
Practical exercises

Förkunskaper

Basic network knowledge, e.g., transmission methods, addressing and transport of data, as well as a basic understanding of security topics such as IPsec or OpenVPN. Experience in handling the PG with a web browser and STEP 7 knowledge would be helpful.
It is highly recommended to attend at the course.
Switching & routing in Industrial Networks with SCALANCE X products (IK-SWIROS).
To prepare for the training, please work through the Web-based training Data communication with Industrial Ethernet.

Övrig information

Included in the course price: Free access to the digital learning platform SITRAIN access – starting one week before the start of the course until two weeks after the end of the course.
With the Learning Membership, you can deepen or repeat the content of this Learning Event as well as continue your education on other interesting topics.
Certification (Siemens CEIN-LEVEL):
Following the training, there is an option of taking a certification test. This test is part of the certification to become a "Siemens Certified Expert for Industrial Networks", which consists of several individual tests.
Please note that before the examination you have to identify yourself by showing a valid photo identification.

Typ

Onlineutbildning

Antal dagar

3 dagar

Språk

en

Pris

25 400 SEK

copyright by Siemens AG 2026