SIEMENS

Industrial Wireless LAN System Course (IK-IWLANSY)

Objectives

Realize your optimum mobile application for your plant - Wireless Communication is a component of Totally Integrated Automation at Siemens. This course covers the necessary knowledge needed for using Wireless LAN Technology in the industrial field. For this, SIMATIC NET offers SCALANCE W products which you will become familiar with in theory and in practice.You will know the Industrial Features of the products and their differences to the standard applications. At the end of this course you will be able to configure, design and maintain IWLAN networks.

Target Group

Planners
Sales personnel
Configuring engineers
Commissioning engineers
Engineering personnel
Project engineers
Maintenance personnel
Service personnel

Content

Comparison and coexistence of different wireless technologies
Theoretical fundamentals of wireless technology
Security and high date rates in WLAN
Introduction to the different WLAN standards
Planning and configuration of different radio links
Planning and configuration of RCOAX radio networks with iPCF
Planning and configuration of free radio networks with iPCF-MC
Comprehensive exercises using the SCALANCE W product line

Prerequisites

Knowledge according to course IK-IESYS or5 IK-PNSYS
You should have basic knowledge of the topic "Ethernet" and should be familiar with topologies, transfer processes, addressing, data transport and understand the associated technical vocabulary. It is also helpful if you are familiar with the principles of operation of routers, switches, hubs and the OSI reference model. Basic knowledge of SIMATIC S7 and knowledge from the ST-PRO2 or ST-SERV2 courses is desirable.

Type

Face-to-face training

Duration

2 days

Language

tr

Fee

400 EUR
(price without 20% VAT)