

RTU500 series portfolio & engineering

Course goal

The goal of this course is learning the hardware portfolio of the RTU500 series and doing the engineering for RTU560/540 product lines.



Learning objectives

Upon completion of this course the participants should be able to:

- Offer technical solutions based on RTU500 series
- Choose the optimal hardware & software set among RTU500 series portfolio
- Configure the RTU500 for typical remote control applications (i.e. not including PLC, HMI & IEC61850)
- Maintain and extend the RTU500 systems
- Verify the need to the RTU500 extended functions (e.g. PLC, HMI)

Participant profile

This training is targeted towards system integrators who already know the fundamentals of telemetry & telecontrol and would like to learn how to utilize and configure RTU500 product family in different applications.

Prerequisite

Participants should know the fundamentals of working with control systems and electrical power networks. Basic knowledge of standard communication protocols IEC 60870-5-101/104 is a must. Participation in course "Introduction to network control" fulfils the above requirements.

Topics

- RTU500 series
- RTU560 & RTU540 product lines
- Engineering tool RTUti500
- Excel engineering interface
- RTU500 WEB server
- Typical RTU configurations
- Simulation & monitoring of communication telegrams
- Local archive & logic functions

Course duration

5 days