





Cyber Security in Substations – Attack Vectors on Substations and their Countermeasures



 1 hour

 English

 Wpuc06en

Get a concise overview of cyber threats on substations and their countermeasures. Learn on which paths attackers could reach substation networks and how adversaries could use this to even influence protection and control devices. This webinar presents the attack vectors on substations and describes the different countermeasures to mitigate these threats.

With this knowledge you can actively contribute to reduce your substation's exposure to potential cyberattacks.

Objectives

- > Understanding the attack vectors of modern substations
- > Getting to know the main security threats when working in substations
- > Selecting the right countermeasures and preventive actions to take

Content

- > Attack vectors of typical substations – how attackers can circumvent the firewall
- > Examples of previous attacks for the different vectors
- > Countermeasures for each attack vector
- > How to apply intrusion detection in substations

Solutions

Intrusion Detection System
StationGuard, cyber-secure IEC
61850 testing with StationScout

Audience

Protection, and SCADA engineers
and security officers in utilities

Prerequisites

Basic knowledge about protection
and SCADA systems