The aim of this course is to provide skills and knowledge for the participant to configure substation independently or with help/guidance of experienced person. The participant is able to share experiences with and learn from the rest of the group.

Objectives
After this course the participant will be able to:

- utilize Relion family IEDs together
- set up and test basic protection
- create station wide applications using communication
- troubleshoot in the systematic way

Prerequisites
- Experienced in Projects / Site work
- Basic Relion Courses completed or some project experience
- General knowledge about protection & communication
- Some familiarity on Grid Automation Controller COM600 is preferred

Participant profile
- Commissioning / project engineers
- People who work with protection relays, are involved in the projects and seeking for advanced, further knowledge.

Topics
- Stages of project implementation
- Project creation, relay configuration and GOOSE engineering
- Parametrization
- IEC61850 theory and implementation
- Switches
- Time synchronization
- Typical mistakes, best practices
- Testing
- Project Documentation

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**Course Code**
P266
**Duration**
4.5 days
**Course Fee**
2250 eur
**Language**
English
**Course location**
ABB University, Vaasa, Finland
**Registration**
For registration please contact
Vaasa.ABBuniversity@fi.abb.com