Training program IEC61850

IEC61850 in Straton

Program

Day 1:
Morning:
- General presentation of Straton
- Straton Installation and add-ons
- Discovery of the standard IEC61850
- Architecture
- Data Model
- Mandatory fields

Afternoon:
- SCL Editor
- Server Configuration
- Test with Straton client tool
- Dataset, Report Control Block, Trigger Options
- Client Configuration

Day 2:
Morning:
- Control Model
- Client Command
- GOOSE Publisher
- GOOSE Test with client tool
- GOOSE Consumer

Afternoon:
- What are TICS, PICS, MICS and PIXIT
- Practice project

Learning objectives

Understand and manage to configure simple IEC61850 server and client with Straton, discover and understand possibilities and limitation of the protocols, know-how to identify potential issues.

Implementation

The theoretical talks represent approximately half of the training course and are followed of practical exercises making it possible to concretize the theoretical concepts.

People concerned

Technicians and engineers of the Services having in charge setting up an IEC61850 compliant installation.