

Management of Alstom c264 RTU Configuration in an Electrical Substation

TRAINING OBJECTIVE

- Understand the role of RTU in a substation
- Ability to do hardware and software configuration of the C264
- Ability to use C264 sustaining tools and databases configurator

PEDAGOGY

- Expert engineer for theoretical training
- Practicals (dismantling, boards exchange, database configuration, etc.)
- Possibility to partake in customer site visits

Length of the course: 5 days

TRAINING PROGRAM

- Main features for remote access to substations
- RTU architecture (mono rack, multi rack, sub-equipment etc.)
- RTU HIM
- Hardware configuration (types of boards, racks, dismantling etc.)
- Overview of IEC 870-5-101 protocol for data exchanges
- Utilisation of Computer Maintenance Tools –CMT- (RTU software and databases downloading, access to events recorder, statements etc.)
- Expert mode for recovery after a major fault
- Utilisation of the System Configurator Editor –SCE- (generalities, limitations for RTU configuration, HMI etc.)
- Generation of a RTU database (analysis, I/O acquisition, transmission lines configuration, database generation etc.)
- Implementation of a database in RTU and validation thereof