

# Training Sessions

for ULAF+ access platform



## Access Digital Transmission System ULAF+ Overview, Installation, Operation, Administration and Maintenance

### Target Groups

Engineers and Technicians in charge of commissioning and operation

### Objectives

- The participant is able to name the applications of ULAF+
- describe the HW and SW structure of ULAF+
- give an overview on the features and the interfaces of the ULAF components
- explain the mechanical design
- explain the operation and maintenance concept
- describe the integration of ULAF+ into the telecommunication network
- list the system components of ULAF+ and name their features
- name the available interfaces
- describe the mechanical design
- operate the system using the LCT
- evaluate alarm messages and restore the system by changing faulty units
- commission the system
- locate faulty units with the aid of the manual and replace them
- handle the desktop with the aid of the manual procedures

### Contents

- overviewing the application possibilities for ULAF+
- understanding the system structure
- featuring the system components
- featuring the mechanical design
- commissioning
- featuring the system interfaces
- understanding the operation and maintenance concept
- understanding the HW maintenance
- working with desktops

### Number of participants

Maximum **6**

### Duration

**2** days

### Requirements

Qualified technician with basic knowledge in transmission engineering and PCM technology

# AccessIntegrator EM for the Access Digital Transmission System ULAF+ Management of Access Links

## Target Groups

Engineers and Technicians in charge of commissioning and operation

## Objectives

The participant is able to

- describe the structure of the access network and the embedding into the entire network
- list the features and explain the application of the AccessIntegrator EM for ULAF+
- perform basic operations of Access Integrator
- manage all the ULAF+ Network Elements
- monitor the network
- handle alarms
- interpret Log and statistic files

## Contents

- overviewing the structure of the Access Network
- understanding the features of the AccessIntegrator EM for ULAF+
- operating the system
- handling alarms
- Log Files
- managing Performance

## Number of participants

Maximum **6**

## Duration

**2** days

## Requirements

completion of the basic ULAF+ course