

VOIP AND SNMP NETWORK PROGRAMMING 9000-2G SERIE

DURATION: 5 DAYS



AUDIENCE:	This training course is intended for technical personnel specialising in radiocommunications who wish to test or maintain equipment in VoIP links.
PREREQUISITES:	Training accessible to anyone who understands the basics of radiocommunications.
OBJECTIVES:	Understand the ED-137-B standard. Master the VoIP simulation tool to carry out installation of an operating digital console PUIP9000-2G.
ADDITIONAL TRAINING(S):	Software radio equipment 9000-2G series.

1ST MODULE: PRESENTATION OF THE ED-137-B STANDARD

- Presentation of the standard
- Description of the SIP protocol
- Description of the RTP protocol
- Presentation of the audio characteristics
- Presentation of the SNMP protocol



2ND MODULE: PRESENTATION OF THE SERIE 2G

- EM9000-2G Transmitter and RE9000-2G Receiver
 - Presentation
 - Recalls of operation in analog mode
 - Operation in VoIP: SIP, RTP, CODEC, VCS etc... parameters
 - Configuration
 - Commissioning
 - Operation in SNMP: settings, configuration, commissioning

3RD MODULE: PRESENTATION OF THE VSIM9000-2G SIMULATOR

- Home page
- Description of zones
 - VCS configuration
 - Management of radios
 - Event log
 - RS232 terminal
 - Supervision



4TH MODULE: IN PRACTICE

- Test environment
- Establishing a session with a transmitter
- Establishing a session with a receiver
- Analysis by "event log"
- Analysis of the RTP header extension
- Analysis with help tools
- Supervision by SNMP

5TH MODULE: IP OPERATING CONSOLE PUIP9000-2G

- Presentation
- General block diagram
- Description of the equipment
- Configuration
- Operation



6TH MODULE: PRACTICE OF THE OPERATING CONSOLE

- Configuration
- Connection to the radio equipment
- Implementation of the frequencies

DOCUMENTATION

Each participant will be provided with hard copies of the course materials during training.

MAXIMUM NUMBER OF TRAINEES

8 people

INFORMATION

- Contact: Jean-François Iriart
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- Sheet available on the website: www.telerad.fr

REGISTRATION

Using the attached form

DATES

On demand

LOCATION

TELERAD