

## T-ADSL,

# ADSL lines measurement tool

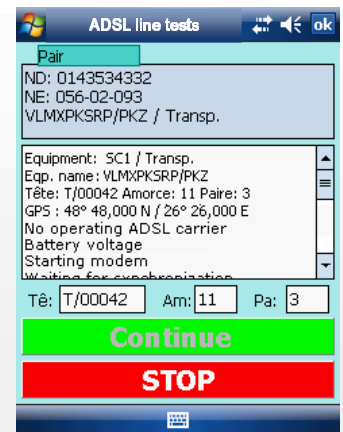
The ADSL handheld tool (T-ADSL) is a measurement box created by CINTEL, dedicated to the measurements of the ADSL access network lines.

Attached to the TMS (multi-services terminal) designed for usual electrical measurements on the copper local loop lines, the T-ADSL provides the additional broadband specific measurements.

The T-ADSL tool fits to a wide range of ADSL standards (ADSL, ADSL2, ADSL2+, G.lite).

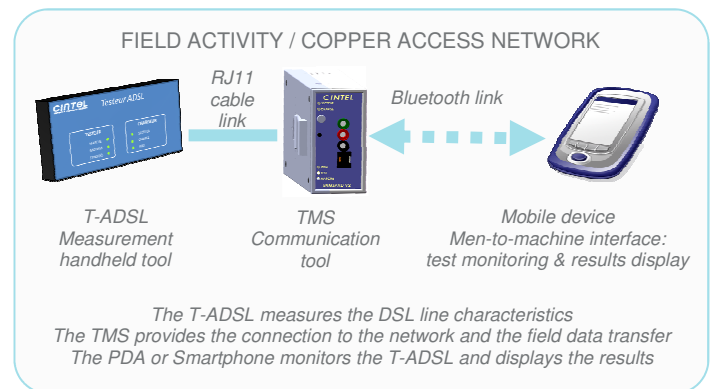
### Qualify the network ADSL lines in just 1 click:

- ✓ Measurements at any location of the line plant: main distribution frame (MDF), street cabinet (SC), distribution point (DP), subscriber premises
- ✓ 1 click to start the tests and retrieve all the measurement results
- ✓ Detection of the operating ADSL carriers on the line
- ✓ DSLAM synchronization link characteristics retrieval
- ✓ Measurement results display on a remote screen (PDA)
- ✓ Automatic and on-the-fly result data transfer and database filing



### Measurements et results display

- Line voltage
- Spy mode seek for ADSL carrier and diagnosis
- DSLAM synchronization and synchronization sequences display
- Upstream and downstream measurements display:
  - ✓ Data transmission rate
  - ✓ Maximum data transmission rate
  - ✓ Line attenuation
  - ✓ Signal power
  - ✓ Noise margin
  - ✓ FEC & CRC display
- Re-creation of the actual line architecture from MDF to subscriber
- Measurement results recording in the database, with date/time and GPS location stamping



## Technical specifications

### Standards:

- ITU 992.1 (G.dmt) Appendices A, B
- ITU 992.2 (G.lite)
- ITU 992.3 ADSL2 (G.dmt.bis)
- ITU 992.5 ADSL2+
- ANSI T1.413 Issue 2

### Power supply:

- Lithium-Ion rechargeable battery 3,7 V 2200 mAh

### Environmental specifications:

- Operating temperature range: from 32°F to 104°F
- Operating hygrometry range: relative humidity from 10 to 90%, excluding condensation

### Content:

- T-ADSL handheld tool
- Power supply: 12 V DC, 1,0 A

The T-ADSL and the TMS handheld tools are part of the field data acquisition module of CINTEL's TRACE-IS solution, an O&M management platform dedicated to the copper access network.

For more information, download our TRACE-IS brochures on [www.cintel.fr/en](http://www.cintel.fr/en)