



## ADSL

Line Monitoring Systems

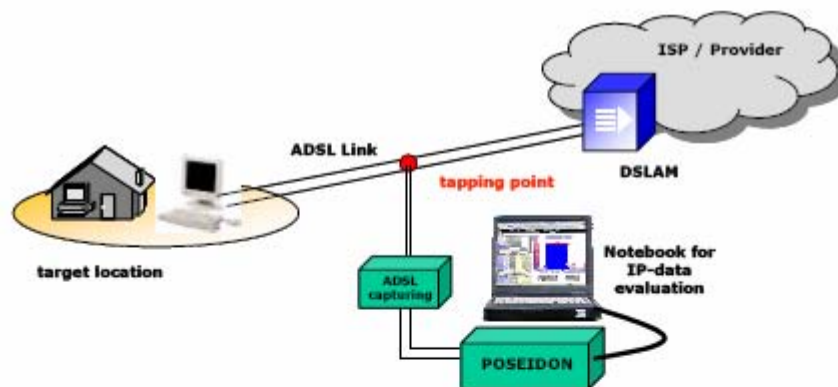
## Non-Intrusive ADSL capturing Product Description

This document describes the technology to provide an innovative and unique solution for the monitoring and recording of data across ADSL broadband links (ADSL capturing).

This Lawful Interception (LI) solution consists of a monitoring device that passively captures all data traffic on an ADSL-connection between the user and the DSLAM. It enables the LEA to monitor this connection without being detected – especially in an "unfriendly environment" without any access to the ISP's/Provider's premises. The ADSL-data captured will be stored on a POSEIDON Unit and can be reconstructed / evaluated by using e.g. a directly connected Notebook via a Web-interface (Web-Browser) protected with a hierarchical password structure and different levels of access.

### Advantages

- Non-Intrusive
- No affect on user in case of power outage or disconnection
- No ADSL chip set and no interoperability issues
- Capable of monitoring any activity including P2P
- No need to involve many personnel in installation
- Easy to install and maintain
- Supports present and next generation standards (ADSL2 / ADSL2+)
- Annex A (ADSL-over-POTS, analog) and Annex B (ADSL-over-ISDN)
- Simultaneous extraction of upstream and downstream data including time stamp
- Low power
- Compact size



### Specification

- Capacity – One Line Tapping
- Supported Standards
  - ADSL (G992.1)
  - ADSL2 (G992.3)
  - ADSL2+ (G992.5)
  - ANSI (T1.413)
  - ETSI
- Intercepted data to POSEIDON
  - Storage on hard disk
  - Reconstruction & Evaluation



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