DSL **Phantom** 3000

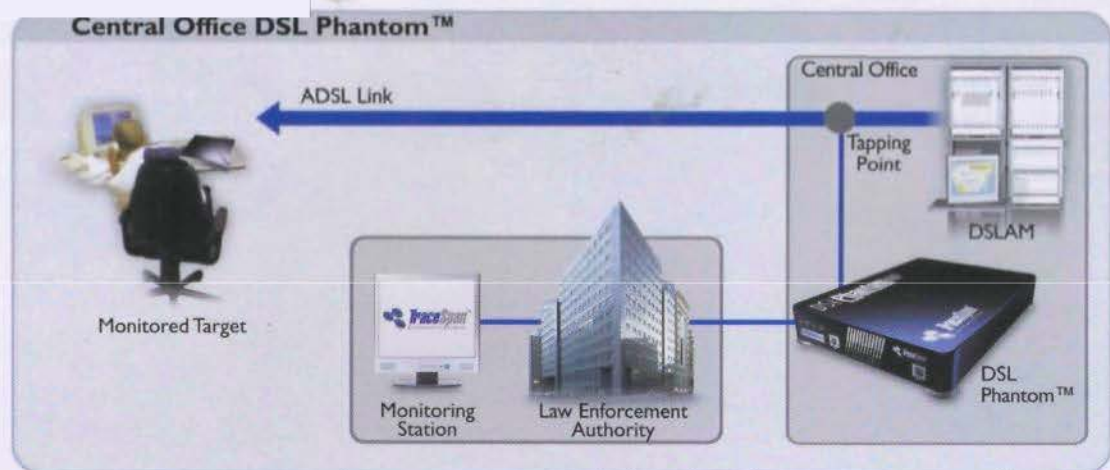**TraceSpan**™
Communications

DSL Phantom™

TraceSpan™ has leveraged patent-pending technology to provide innovative and unique solutions for the monitoring and recording of data across ADSL broadband networks. The Company's flagship product, *DSL Xpert*™, has broken new ground as the first non-intrusive performance-analysis solution for ADSL networks. Empowered by host-based signal processing, *DSL Xpert*™ monitors the transfer of all data between the central office (CO) and customer premise equipment (CPE).

By further leveraging of our core technology, TraceSpan has developed the *DSL Phantom*™ Lawful Interception (LI) monitoring solution. *DSL Phantom*™ is a monitoring device that records and stores broadband digital information, offering unique advantages for Law Enforcement Authorities (LEA) looking to capture any data between the central office and the target.
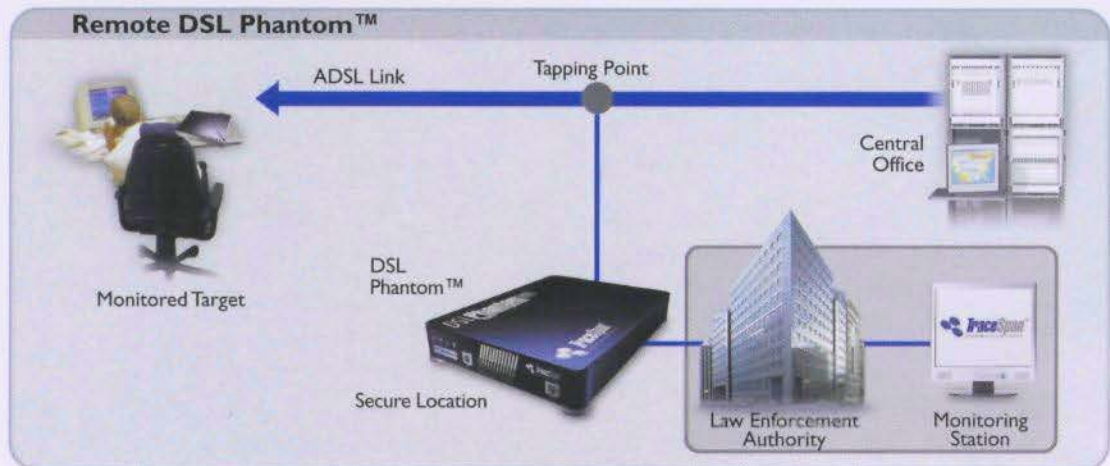
DSL Phantom™ operates on a powerful platform that supports high bit rates, enabling it to monitor information more effectively. *DSL Phantom*™ can be installed at virtually any location (Central Office or Street), while the data can be monitored at a remote location. *DSL Phantom*™ is completely non-intrusive, allowing the law enforcement agency to monitor information without being detected.

DSL Phantom™ Advantages

- Non-Intrusive
- No effect on user in case of power outage or disconnection of monitoring equipment
- System does not contain ADSL chipset eliminating interoperability issues
- Capable of monitoring any activity including P2P
- Installed and operated with minimal number of people involved

- Easy to install and maintain
- Supports ADSL and future generation ADSL2 and ADSL2+ protocols (Annex A and Annex B models available)
- Simultaneous extraction of upstream and downstream data including time stamp
- Generic interface to mediation device
- Low power

Central Office DSL Phantom™

Central Office (CO) Solution

Remote DSL Phantom™

Remote Site Solution

Specifications

Dimensions of LI Box	▪ Height - 2" (50mm) ▪ Width - 10.8" (275mm) ▪ Depth - 14.7" (375mm) ▪ Weight - 4.4lbs (2Kg)
Certification	▪ CE
Power Supply	▪ External power supply ▪ Voltage 110-240VAC ▪ Frequency 50/60 Hz ▪ Power 10W
Standards Supported	▪ G.992.1 (ADSL) ▪ G.992.3 (ADSL2) ▪ G.992.5 (ADSL2+) ▪ ANSI (T1.413) ▪ ETSI
Intercepted data	Save on Hard Disk

PC Controlled DSL Phantom™

The DSL Phantom™ 3000 is controlled by PC that processes and analyzes the data and displays monitored target information using various mediation and collection systems

USB 2.0 Connection

Corporate & International Office

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