



## VDSL2 Interception Solution

### VDSL Phantom<sup>™</sup>

TraceSpan's VDSL Phantom<sup>™</sup> is a unique passive tapping device for Lawful Interception (LI) of VDSL2 lines. VDSL Phantom<sup>™</sup> records and stores broadband digital information, offering unique advantages to Law Enforcement Authorities (LEA) looking to capture data between the target and the service provider premises.

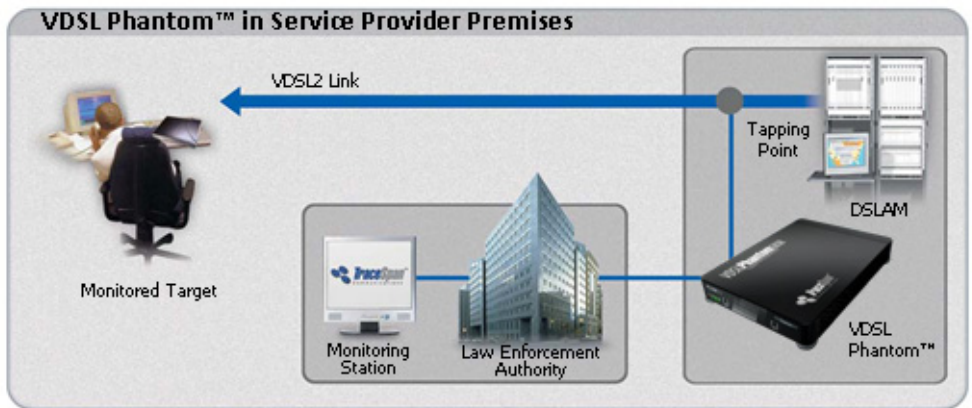
VDSL Phantom<sup>™</sup> monitors and records data transparently within the VDSL physical layer. IP layer traffic can be stored or sent over a secure network to the monitoring facility. VDSL Phantom<sup>™</sup> can be used either as an independent unit, or as part of a comprehensive LI monitoring environment.

VDSL Phantom<sup>™</sup> operates on a powerful platform that supports high bit rates, enabling it to monitor all of the information on the VDSL2 line, both upstream and downstream. It can be installed at virtually any location (central office, basement or outdoor cabinet), while the data can be monitored at a remote location. VDSL Phantom<sup>™</sup> is non-intrusive, allowing the law enforcement agency to monitor information without being detected, while providing solid evidence with unique identification of the target.

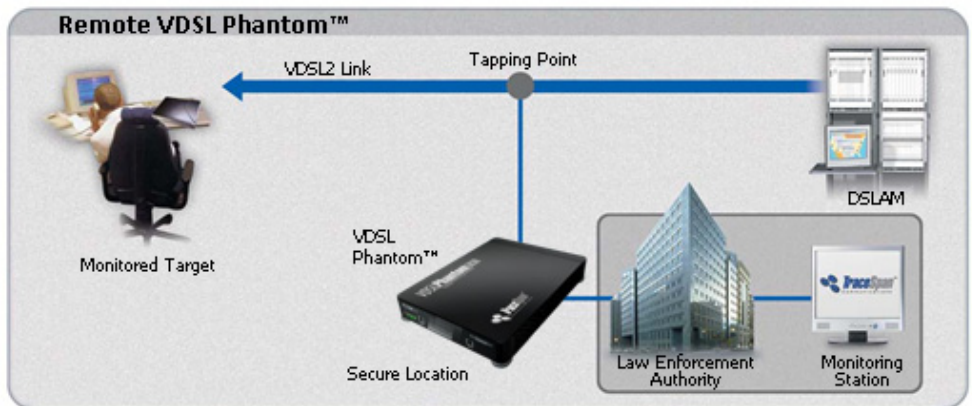
VDSL Phantom<sup>™</sup> is based on TraceSpan's patent-pending technology, which provides innovative and unique solutions for monitoring and recording of data across broadband networks.

### VDSL Phantom<sup>™</sup> Advantages

- Non-Intrusive
- No effect on user in case of power outage or disconnection of monitoring equipment
- Does not contain VDSL chipset eliminating interoperability issues
- Capable of monitoring any activity including peer-to-peer
- Installed and operated with minimal number of people involved
- Easy to install and maintain
- Supports various VDSL2 profiles
- Simultaneous extraction of upstream and downstream data including time stamp
- Standard interface to mediation device



**Service Provider Premises Solution:**  
**Central Office, Basement,**  
**Outdoor Cabinet etc.**



**Remote Site Solution**

## Specifications

### BOX Dimensions and Weight

- Height: 2" (50mm)
- Width: 10.7" (272mm)
- Depth: 14.8" (375mm )
- Weight: 4.4lbs (2Kg)

### Certification

- CE

### Power Supply

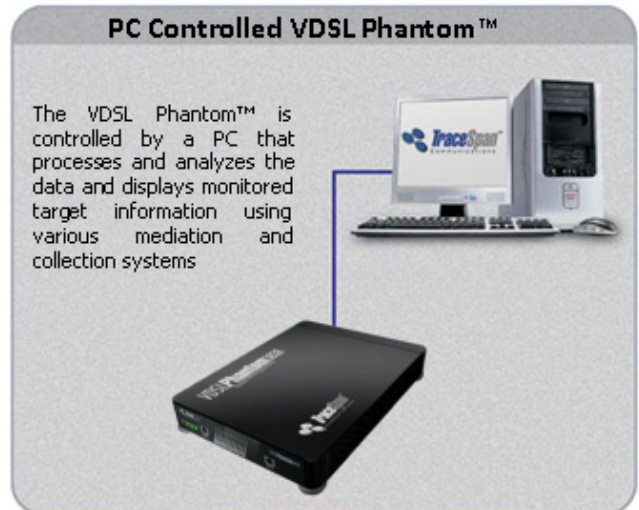
- External Power Supply
- Voltage: 110-240VAC
- Frequency: 50/60 Hz
- Power: 10W

### Standards Supported

- ITU-T G993.2 (VDSL2)

### Intercepted data

Saved on Hard Disk



## Contact Information

E-mail: [info@tracespan.com](mailto:info@tracespan.com)

Website: [www.tracespan.com](http://www.tracespan.com)