



# TraceSpan Communications



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**T**raceSpan Communications provides innovative broadband monitoring systems, which enable passive tapping and recording of data in copper, fiber and cable broadband networks. TraceSpan's unique solutions allow LEAs to monitor information without being detected, while providing solid evidence with unique identification of the target. The company's Phantom™ passive tapping devices monitor and record data transparently within the physical layer, and can store the IP layer traffic or send it over a secure network to the monitoring facility. The DSL Phantom™ and VDSL Phantom™ devices for copper xDSL lines typically serve as tactical solutions for tapping a single target line. They can either be used as stand-alone systems, or as complimentary solutions to centralized systems. The GPON Phantom™ devices for optical fiber networks and the DOCSIS Phantom™ devices for cable network can also serve as cost-effective centralized monitoring solutions.

- Easy to install and maintain - installed and operated with a minimal number of people involved
- Simultaneous extraction of upstream and downstream data, including the time stamp
- Standard Interface to Monitoring Systems

To complement the solution TraceSpan also provides the Phantom Viewer™, a unique monitoring application offering comprehensive displays of network traffic including Internet Browsing, Email services, FTP, Instant Messaging and Voice calls. The Phantom Viewer™ combined with the Phantom™ family of passive tapping devices is the optimal monitoring solution for the LI community seeking a professional and convenient way to view and listen to IP intercepted traffic.

Established in 2002, TraceSpan is a private US company with a development center in Israel. Empowered by patent-pending breakthrough technology, TraceSpan's performance analysis and Lawful Interception products enable non-intrusive monitoring of data in broadband networks. TraceSpan's multi-layer analyzers are accepted worldwide as the industry's first passive analyzers for vendor-independent testing of VDSL2, ADSL2Plus, ADSL2, ADSL, GPON and DOCSIS networks. Highly flexible and easy to use, TraceSpan products deliver significant cost savings, faster time to market, and rapid return on investment to Telco's and service providers, system vendors, chipset developers, and technology innovators.

## Phantom™ Tapping Devices Advantages

- Passive - allow the law enforcement agency to monitor information without being detected
- Do not affect the data or phone service in case of power outage or disconnection of the monitoring equipment
- Chipset independent, eliminating interoperability issues
- Capable of monitoring 100% of the data from any activity, including peer-to-peer communication

