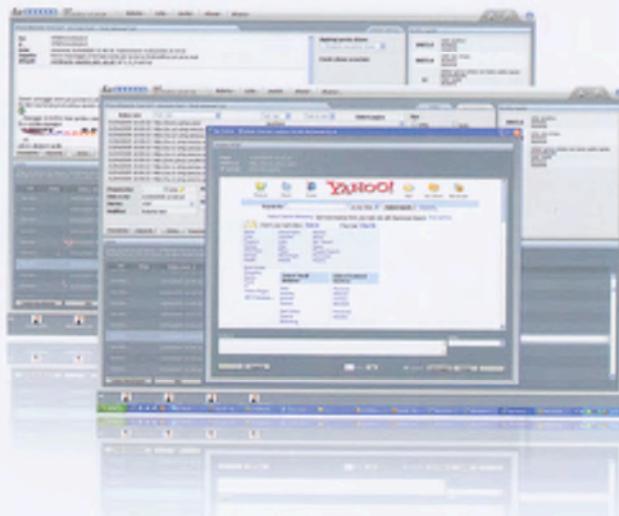




Internet Communication Interception and Probes

The development of IP network and the increasing use of internet-based services led Law Enforcement Agencies to new investigation needs and to the use of advanced products for IP communication interception. In order to satisfy these needs, Innova Research and Development Laboratories have developed a complete range of effective and reliable products and solutions for the interception of any kind of protocols and IP-based communication, such as web browsing, e-mails and web-mails, social networks, peer to peer communication, chat and videochat etc..

Moreover, a team of specialized researchers is committed to decoding new communication protocols, developing updated products for any IP communication interception and identifying effective solutions for any LEA investigation need.



HIGHLIGHTS

Probes For Data Capturing

Innova R&D Laboratories developed different kinds of probes for data capturing, which provide accurate capture at different speeds. Innova probes are designed to avoid any type of data loss, both in transmission and capture fases. They are developed with different technology, depending on their coupling point: from 100Mb/sec copper to 10 Gb/sec optic fiber.

Decoders For Data Decoding

Captured raw data need to be analyzed and translated using the appropriate decoding protocols, in order to obtain comprehensible information. Innova developed a specific decoding system which is continuously updated in order to follow Internet protocols and applications evolution.

Software For Data Visualization

Decoded data need to be proposed in a simple way to help Law Enforcements Officers during their monitoring activity. Ego interception system provides a hand-on and integrated interface for the visualization of every decoded information.

TECHNICAL SHEET

Target identification parameters

IP address, RADIUS Username, RADIUS NAS Port Id, RADIUS Acct Session Id

Capturing Ports

ETHERNET 10/100, GbE, 10GbE

Data Transfer

VPN SFTP

File Format

PCAP

File splitting

By time/by size/VoIP call closing

