

Surveillance Simplified.

AND IT FITS IN YOUR BACKPACK

The LI-5 is a portable surveillance and mediation platform for **Ethernet, IP and MPLS networks**. Fanless and fully-embedded without moving parts, the LI-5 integrates solid-state storage with up to four gigabit network interfaces, and uses less than 11W of power. The LI-5 is small enough to fit in a backpack with all the features of systems many times its size and twice its price. Now in its third generation, the LI-5 is the most flexible and economical IP probe available, and also one of the most widely-deployed tactical probes worldwide. Paired with Packet Forensics management software, controlling hundreds of probes is now as simple as controlling just one.



SUPPORTS CALEA



Introduction

The LI-5 is a turnkey intercept and mediation solution in an appliance platform. Offering the most flexible approach to network surveillance and novel approaches to rapid deployment, the LI-5 smart probes are unique in the industry. They can be used passively as traditional probes to acquire data from a tap or span port, or they can be placed safely in-line when time is critical or when the target network isn't cooperating.

An attractive feature of the LI-5 is its ability to passively discover network topology--this allows an individual to deploy it with **no prior knowledge of the target network**. In-line use is safe with the LI-5's third-generation hardware bypass circuitry and intelligent software.

Packet Forensics pioneered the "smart probe" concept and several generations later, we keep raising the bar to make intercepts easier.

Key Advantages

- Compatible with every major collection platform in use today
- Small form-factor, solid-state
- No moving parts, highly reliable
- Hardware bypass, fail-safe
- Up to Gb/sec throughput
- Triggers intercepts based on IP, MAC, keywords, RADIUS, DHCP, VoIP calls, behavior or other subject criteria
- Probe and Mediation capabilities
- Supports multiple VoIP protocols
- Performs dialed digit extraction
- Replays prerecorded traffic
- Packet Forensics software stack and PeerTalk™ technology
- Easy to manage with graphical software on Windows, Mac and Linux
- Advanced firmware-update keeps software up-to-date
- Deployable without knowledge of target network topology



Surveillance Simplified. LI-5 Devices

Advanced Policy Regime

The Packet Forensics policy regime allows multiple policies to operate simultaneously on the entire data stream. This means while you search for thousands of different strings deep inside each packet, you can also intercept VoIP calls, extract dialed digits and correlate RADIUS and DHCP log-ins with IP addresses. Each policy can have different resulting actions, such as forwarding packets to another analysis system or writing pen register-type logs.

For technical experts, an advanced policy editor is provided. You can

craft your own applications and take granular control over all packet processing functions.

Simple Scalability

With the Packet Forensics multi-platform graphical user interface, scaling an installation is as simple as plugging-in additional equipment and clicking on a few buttons authorizing it to execute your existing policies. Packet Forensics platforms can go from bare-metal to fully-operational in under five minutes. Our graphical user interface is available on Windows, Mac OS X and Linux

platforms and allows you to manage thousands of devices in the field, even those behind NAT and firewalls. Most intercepts can be set up in just a few clicks of a wizard and even the wizards themselves can be customized to follow your specific workflow.



Specs at a Glance

Feature Highlights

- Small Form Factor
- Silent Operation
- Reliable, No Moving Parts
- Low Power Consumption
- Integrated Mediation Server

Network Interfaces

- 4x 100Mb/s or 4x 1000Mb/s
- Hardware Bypass Fail-Safe

Storage Options

- Solid State Disk (SSD)
- BYOD (USB)



General Specs

- 10.75 (L) x 4.5 (W) x 1.75 (H) in
- 27.3 (L) x 11.4 (W) x 4.5 (H) cm
- OS in Flash Memory
- Serial Console with CLI
- SSH Remote Management
- Multi-LED Status Display

Optional Features

- GUI for Windows, Mac OS X, Linux
- Internal SSD or HDD
- Covert & Tactical Features

Delivery Methods

- T1.678 + SSL
- T1.IAS + SSL
- EtherIP, TCP, UDP
- Remote Tap
- PCAP

Protocol Support

Voice over Packet

- SIP
- MGCP

Broadband IP Intercept

- IP & MAC
- DHCP
- RADIUS
- PPPoE
- HTTP
- IMAP
- POP
- SMTP
- GRE
- PPPoE
- (E)RSPAN
- ... AND OTHERS

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PACKET FORENSICS