

VITAL TOOLS FOR NETWORK VISUALIZATION

Network packet capture and metadata solution that reliably delivers total network visualization.

THE 100% CHALLENGE

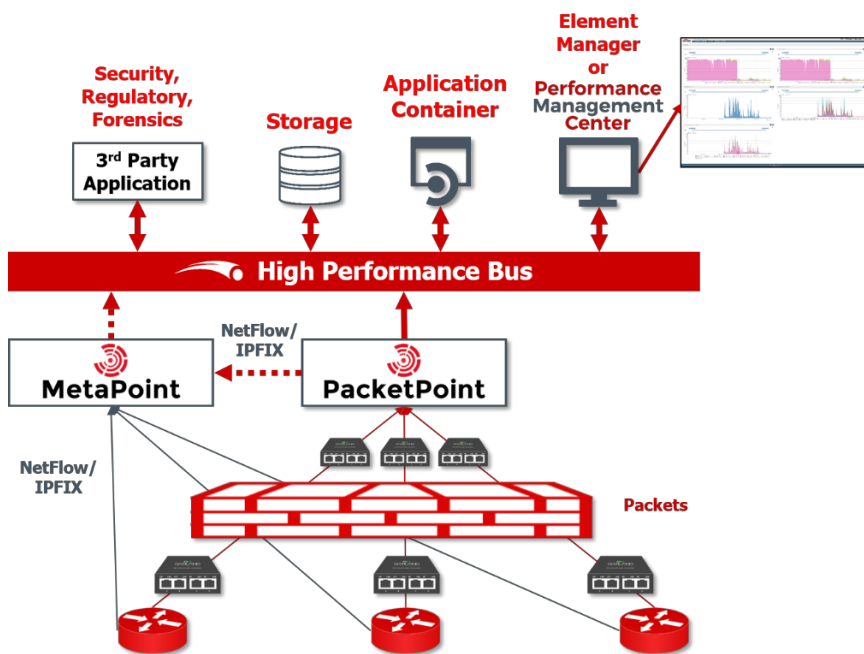
Packets never lie. But you must make them talk. 100% capture and fast extraction of useful information are critical to best practices and reduced MTTR. High performance, scalability and cost efficiency is key to 100% coverage of the IT infrastructure.

You need lossless recording of even the fastest network links for investigating the source of network and app issues to resolve problems more quickly.

THE 110% SOLUTION

Cirries PacketPoint and Garland Technology's TAPs offer the lossless recording and distributed architecture for support of global network infrastructures and collection of packets throughout the network. A single, web-based point of access enables filtering and extraction of packet information from any device, from anywhere.

PacketPoint scales linearly with the growth of network traffic across multiple deployment options: as a COTS based appliance; on a virtual machine, or in the cloud. Storage options range from 3 TB to 600 TB of captured data on local storage. Storage strategies include direct storage on an appliance, in-network storage (SAN/NAS), or virtual storage in the cloud.



RESULTS

- Lossless packet capture on any network segment and byte-level inspection of packets from any source
- Dedicated solution on network TAPs with full regeneration, aggregation, filtering and load balancing capabilities
- Rapid discovery and root-cause analysis of complex network problems
- Easy browser-based access by multiple teams
- Reduced training requirements through intuitive operation
- Expanded analytics, interworking with 3rd party tools based on Industry standard filtering and export format
- Elimination of information backhaul and optimized bandwidth usage from distributed architecture and global, web-based access to captured packets
- Rapid indexing and fast search of high-volume packet capture through Standard DB and query language

Supporting links up to 100 Gbps, enabling capture in at any network speed, giving operators the ability to discover and resolve network anomalies quickly.

User friendly web-based dashboards give rapid visualization and control from any location across the network.

When network analysis must go beyond packets, Cirries PacketPoint can create standard and customized flow records from raw packets to provide higher level insight into overall network usage and behavior. Cirries MetaPoint can present this flow data as well as extract flows from enabled routers to enhance network visualization.

FEATURES

- Distributed collection and storage
- On-the-fly indexing with fast packet retrieval
- Intuitive, browser-based user interface
- User configurable dashboards and reports
- Compatible with all leading network packet brokers
- Standard filtering and export formats
- Drill-down to byte level to pinpoint anomalies
- Automated alarms and alarm notifications
- Optional, high-performance flow generator for modeling, planning, performance analysis applications
- Optional upgrade to comprehensive network visualization package

CIRRIES PACKETPOINT CAPTURE

DRAG AND DROP DASHBOARD CREATION

ADHOC REPORT CREATION

AUTOMATIC DISCOVERY OF TOP APPLICATION

- By router, link, source, and destination

RECOGNITION OF TOP BANDWIDTH USERS

- Automatic reporting by flows, routers, applications
- Average flow, packet and bit rates

COMPREHENSIVE END-TO-END TRAFFIC VISUALIZATION

- Query packets by traffic subnets, ports, TOS bits, application and TCP flag
- Show average flow rate, packet rate and bitrate for any query.
- Identify top talkers/listeners

FILTER AND ZOOM

- Traffic and quality filters applied to flows, routers and applications
- Zoom to any arbitrary time period, drill down for interactive visualizations.

CENTRAL MANAGEMENT

- ✓ Web-based GUI dashboard
- ✓ Capture petabytes in central storage
- ✓ One-touch updates of software upgrades

UNLIMITED SCALABLE CAPTURE

- ✓ Up to 600 TB local storage
- ✓ Most cost-effective visualization on the market

INTUITIVE SOFTWARE

- ✓ Easy interface with intuitive design enables instant onboarding without training
- ✓ Real-time visualization gives immediate anomaly insight



ABOUT CIRRIES

Cirries Technologies software empowers network operators and companies in the network visibility, fault isolation, performance and network security industries. Cirries' products can digest data from multiple sources and reduce it to the right format for real-time notification, storage or application use to reveal real-time performance and security of any network. Cirries' software is highly scalable and easily deployed on COTS hardware, virtual machines or in the cloud.

ABOUT GARLAND

Garland Technology is the leading manufacturer of network access technology for enterprises, service providers, and government agencies worldwide. Since 2010, Garland Technology has developed the industry's most reliable test access points (TAPs), enabling data centers to address IT challenges and gain complete network visibility. For more information, or learn more about the inventor of the first bypass TAP, visit www.GarlandTechnology.com or [@GarlandTech](https://twitter.com/GarlandTech).