



## Visibility by Design for Application/Network Performance Monitoring and Security

### Business Challenges

- **Increased Network Traffic**  
driven by digital transformation, mobility, and new business applications.
- **Application Performance**  
due to distributed enterprise, scattered data and flexible work force.
- **Delayed Resolutions**  
due to reduced visibility into critical application/network data, when/where needed.

### Business Value

- **Business Continuity**  
through proactive, end-to-end network visibility, security and rapid application issue resolution.
- **Policy Compliance**  
through application-level control and application/network data recording and playback.
- **Robust Security**  
through network forensics and event correlation for before, during and after an alert or event.

### Overall Solution

The Savvius™ and Garland joint solution works hand in hand to provide deep visibility into every bit and byte level in any Enterprise or Data Center network. Garland Technology's EdgeLens® Bypass Tap and In-line Security Packet Broker System connected to an active, inline appliance provides a complete copy of network data to Savvius' tools such as Savvius Omnipliance® and Omnipliance Ultra. Using the Savvius Spotlight™ and Savvius Omnipeek® applications, IT and network operations personnel can then connect to the data from anywhere, anytime, and perform real-time monitoring and real-time/delayed analysis of application and network behavior. The result is improved application performance, enhanced customer experience and increased business continuity and security.

### Garland EdgeLens Solution

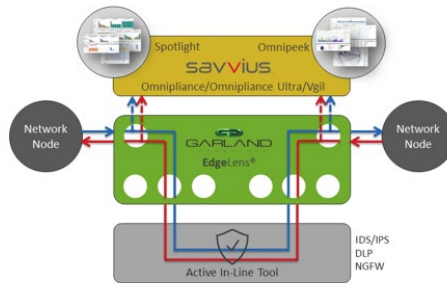
Network Taps are hardware tools that allow access and monitoring of network traffic. Garland's offerings include a complete range of network Taps from passive, listen-only Taps to active, in-line Taps to feed security tools; as well as hybrid bypass Taps with packet broker functionality, supporting filtering, aggregating, and load balancing. Network Packet Brokers (NPB) are hardware devices that provide monitoring and security tools access to traffic from one to many network links. Garland's EdgeLens series is an advanced NPB that centralizes network traffic, making network tools function more efficiently by sharing network traffic with monitoring and security tools. Additional features, including filtering, aggregating, regenerating, and load balancing, are supported through a user-friendly interface.

EdgeLens provides visibility for a hybrid configuration of an active, in-line network device and off-line or "out-of-band" tools, such as Savvius. EdgeLens provides identical network traffic streams through the active inline device and to the capture engine of Savvius Spotlight or Omnipeek monitoring and analysis applications. The benefits of both devices seeing the same traffic are:

### Solution Benefits

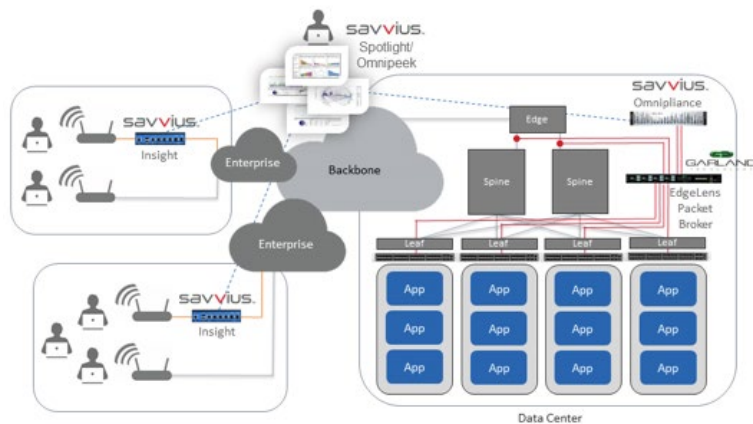
- Full Network Visibility**  
 leaves no blind spots for network investigation or security planning. Network data is monitored in real-time, and stored for a playback analysis.
- Simple to Deploy**  
 pre-certified solution makes it easy to deploy and manage in any kind of environment.
- Easily Scalable**  
 Scales programmatically with virtual machines to millions of flows, multi-gigabit capture-to-disk rates, and multi-terabyte storage capacity.

- Historical (before/after) look back and playback of the network traffic
- Real-time events correlation for security and forensics
- Validating network policy changes and spotting violations
- Root cause analysis for application and network related problems



### Savvius Application/Network Performance Monitoring and Analysis

Data traffic relayed by Garland Tap and NPB is put to real use when Savvius Spotlight and Savvius Omnipeek applications process it through advanced data analysis algorithms. At the same time, Savvius tools capture and store critical network flow/packet data for long-term analysis/playback using Savvius Omnipliance, Savvius Omnipliance Virtual and Savvius Insight series appliances. The result is actionable analysis and visualization of key network performance metrics such as worst application/user flows, application latency, TCP quality, unified communication quality, top applications, dependency mapping, network utilization and multi-segment analysis. Such analysis enables enterprises to resolve application/network performance issues quickly (operational continuity, higher productivity, better customer experience), perform capacity planning for future growth, and close security loopholes (traffic profiling).



## EdgeLens®

A fail-safe bypass Tap with built in Network Packet Broker for complete management of the edge of your network.

## savvius Spotlight

Actionable network visibility to identify and solve application/ network performance problems and locate network policy/security issues with unprecedented speed and precision.

## savvius Omnipeek®

Network analytics/security investigation software providing intuitive visualization and effective forensics for faster resolution of application/ network performance and security issues.

## savvius Omnipliance®

Intelligent packet capture and analysis appliances with zero-loss capture-to-disk and extensible storage capacity for real-time and post-event data analysis of high speed networks.

## About Garland Technology

Garland is committed to educating all organizations and individuals on the benefits of having a strong foundation of network visibility and access. Garland Technology network TAPs provide 100% network visibility, while providing anytime network access. A foundation of visibility starts with network TAPs that feed your monitoring and security tools all the data — every bit, byte and packet they need to successfully secure and monitor your network. Learn more at [www.garlandtechnology.com](http://www.garlandtechnology.com).

## About Savvius

Savvius offers a range of powerful software and appliance products that provide unparalleled visibility for rapid resolution of network performance problems and security investigations. Savvius products are trusted by network and security professionals at over 6,000 companies in 60 countries around the world. Visit <https://www.savvius.com> for information about Savvius Omnipliance®, Savvius Omnipliance Ultra™, Savvius Spotlight™, Savvius Omnipeek®, Savvius Vigil™, and Savvius Insight™, and to learn about Savvius technology and channel partners.

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