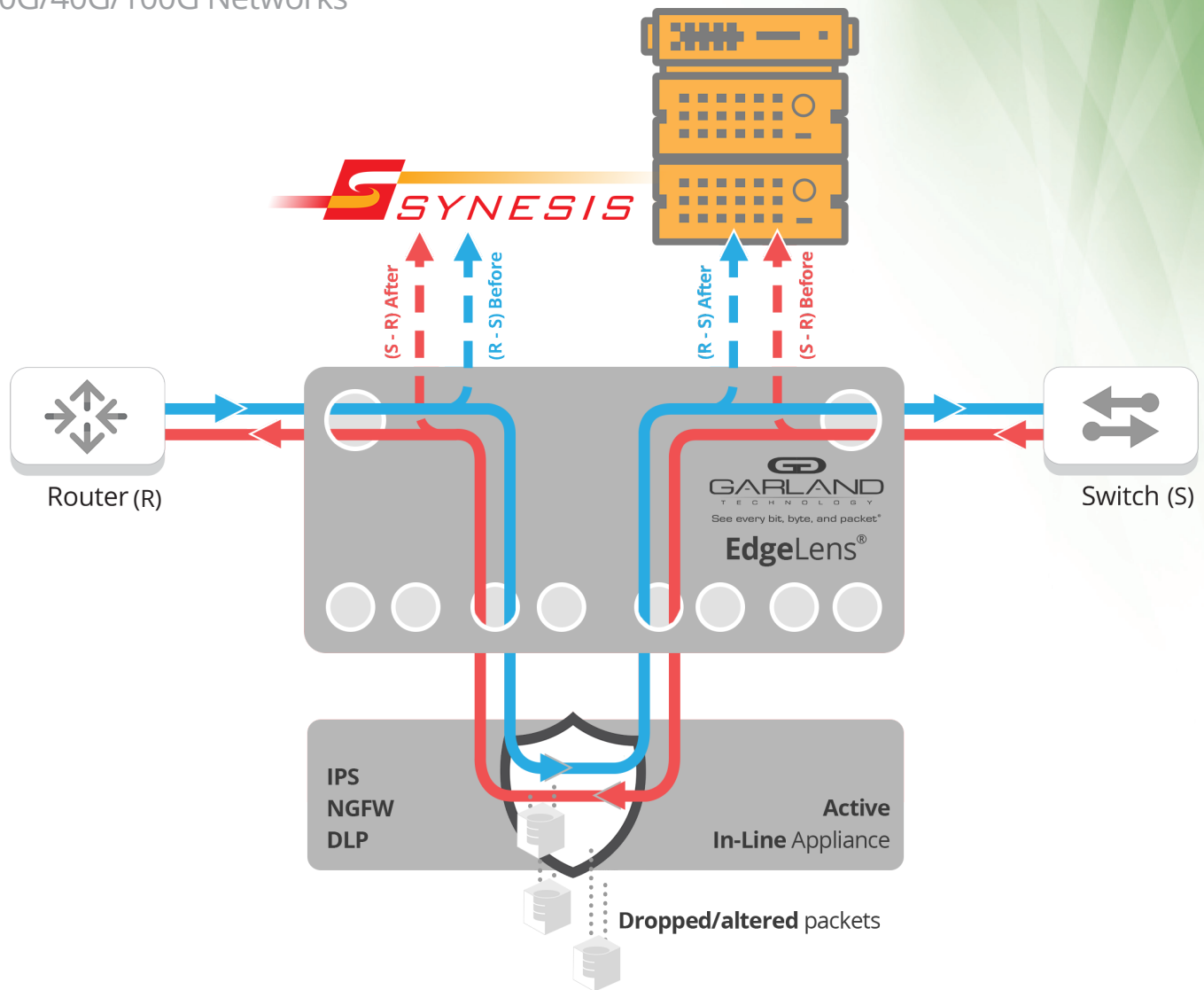# 360° Packet Capture Solution for Active and Passive Monitoring

Complete Visibility Solutions with EdgeLens® & Synesis for
1G/10G/40G/100G Networks

Router (R)

Switch (S)

GARLAND
TECHNOLOGY
See every bit, byte, and packet®
EdgeLens®

(S - R) After   (R - S) Before   (R - S) After   (S - R) Before

IPS
NGFW
DLP

**Active
In-Line** Appliance

Dropped/altered packets

Historical lookback: before/after

Joint Solution Overview

EdgeLens Bypass TAP and In-line Security Packet Broker System connected to an active, inline appliance provides a complete packet capture to Toyo Corporation's Synesis network Packet Capture System. EdgeLens provides visibility for a hybrid configuration of an active, in-line network device and off-line or "out-of-band" tools, such as Synesis for APM and NPM analysis.

EdgeLens will provide identical network traffic streams, both through the active inline device, and to the Packet Capture System of Synesis. All with (0) zero packet loss, even at 100G.

The benefits of both devices seeing the same traffic are:

Historical look back (before/after)

- **Real time events correlation**
- **Validation of policy changes**
- **Root cause analysis**

Have Questions?

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360° Packet Capture Solution for Active and Passive Monitoring

About Garland Technology EdgeLens

The EdgeLens is a fail-safe bypass TAP with a built in network packet broker for complete management of the edge of your network. Deploy multiple in-line security tools and out-of-band monitoring tools while gaining 100% network access and visibility.

- TAP once and connect multiple in-line security appliances
- TAP a 1G link - or - a 10G link and deliver data to 1G tools
- TAP a 10G link and deliver data to 1G and 10G tools

EdgeLens Filtering TAP options					
Model #	**Ports**	**Network Speed**	**SFP/SFP+ Ports**	**Bypass TAPs**	**Dual Hot Swappable Power Supplies***
INT10G2SRBP10SFP+		1G/10G	10 SFP/SFP+	(1) 1G-SX/10G-SR TAP 2 fiber ports	AC
INT10G2LRBP10SFP+		1G/10G	10 SFP/SFP+	(1) 1G-SX/10G-LR TAP 2 fiber ports	AC
INT10G8SRBP16SFP+		1G/10G	16 SFP/SFP+	(4) 1G-SX/10G-SR TAP 8 fiber ports	AC
INT10G8LRBP16SFP+		1G/10G	16 SFP/SFP+	(4) 1G-SX/10G-LR TAP 8 fiber ports	AC

About Toyo Corporation Synesis

Synesis is a high-speed streaming to disk capture system, providing "no packet loss" capture performance at any Ethernet speed: 1G/10G/40G/100G. With its indexing saving application, users can find out their searching data even from the big data in Synesis.

Synesis also provides APM & NPM analysis, packet replayer and Open Design Box application which allows to customer to integrate Synesis into their legacy network tool.

This means customers can use Synesis as a simple stand alone appliance or a tool integrated in their network, depending on their targeting application such as network forensics or trouble-shooting.

SYNESIS

Filter, Aggregate and Load Balance
Packet Broker

Switch
Router
File Server

Router
Switch
NGFW

1G   10G   **TAP** Foundation   40G   100G

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