GARLAND
TECHNOLOGY
See every bit, byte, and packet®

Flowmon
Networks

1G 10G 40G 100G
JOINT SOLUTION

ISP/Data Center Monitoring Solution
Using Flowmon Probes with Garland's Passive Network TAPs

Tools

Switch

Router

File Server

Router

Switch

NGFW

1G   10G   40G   100G

TAP Foundation

Joint Solution Overview

Flowmon Probes' monitors network traffic using Garland's passive network TAPs to ensure capture of all the traffic - every bit, byte and packet® feeds the Flowmon solution without dropping packets. This monitoring architecture is critical in ISP/Data Center environments where devices are used on uplinks to other ISPs. Network TAPs are mirroring traffic to wire-speed Flowmon Probes.

Garland Passive Network TAP Features:

- Tested and certified network TAPs in 1G/10G/40G/100G speeds
- Reliable connectivity for Flowmon solutions, provides 100% traffic visibility
- Available in copper, single-mode or multi-mode fiber
- Scalable design, available in portable, single, dual, triple or quad TAPs - 1U, 28 and 56 TAP solution
- The only high density ISP/data center solution
- 100% secure and invisible; no IP address, no Mac address; cannot be hacked

Network test access points (TAPs) are the approved and recommended hardware tool that allows you to monitor your Flowmon APM or DDoS Probes. All passive fiber and copper network TAPs are purpose-built hardware devices that make a 100% copy of your network's data allowing your monitoring tools to see every bit, byte and packet.®

Switch

TAP

Out-of-band appliances

No SPAN ports, no problem:
1 link in; 3 links out

Have Questions?

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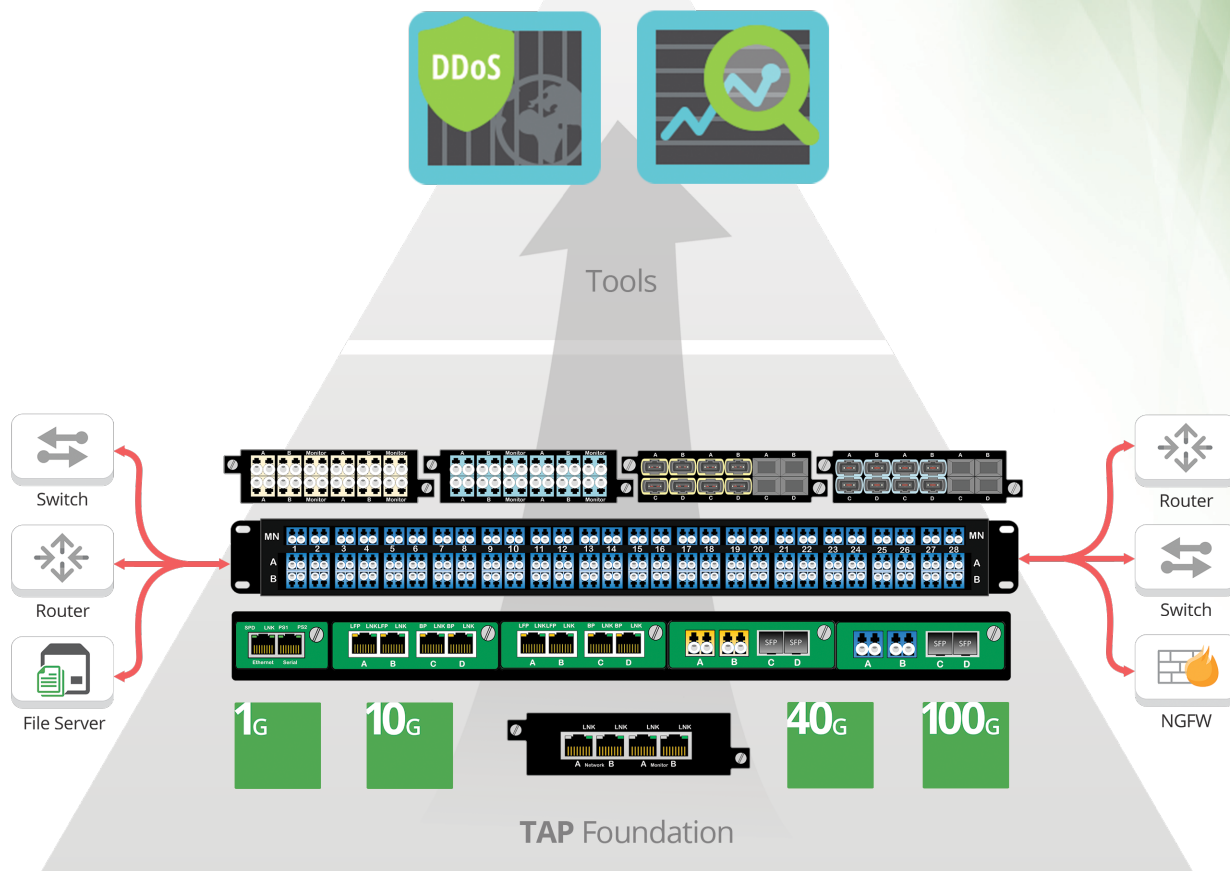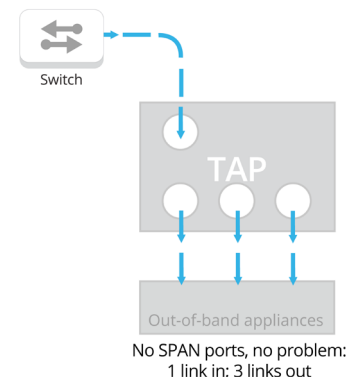# ISP/Data Center Monitoring Solution
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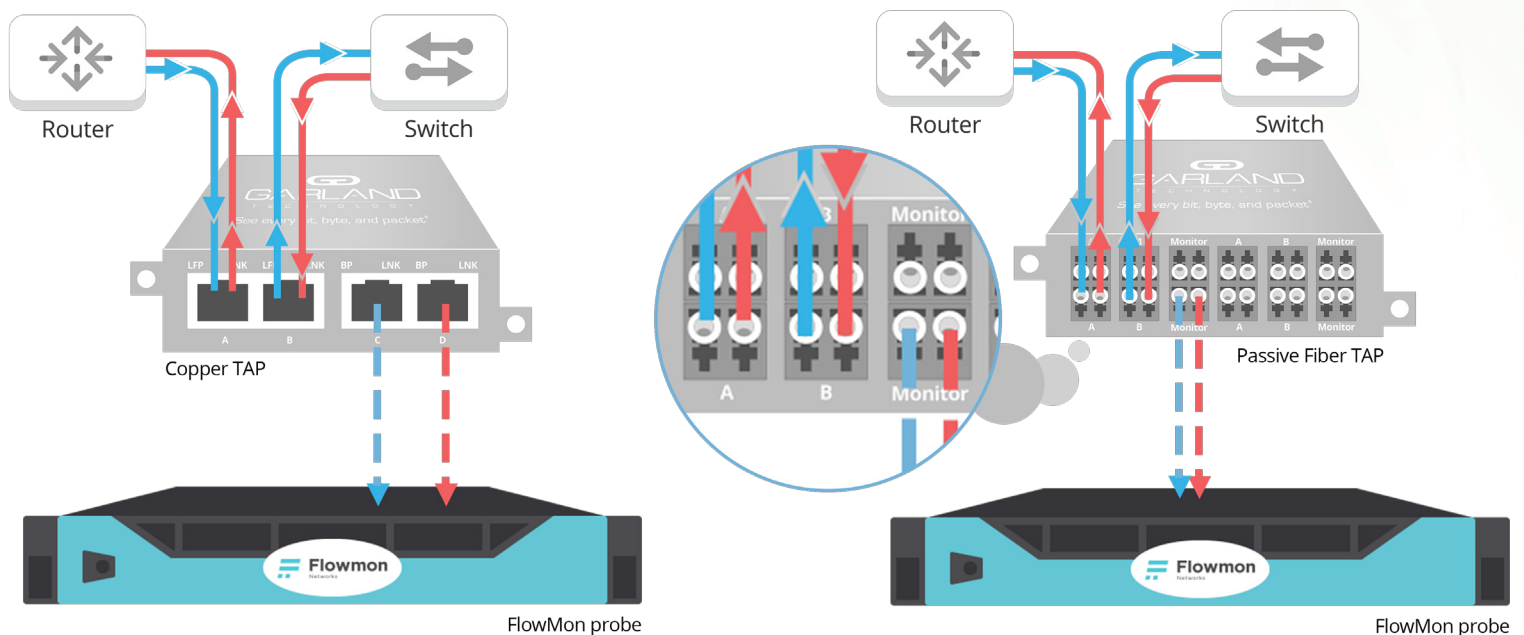
Flowmon Probe

Flowmon Probes deliver network engineers detailed and accurate information about who communicates with whom, when, how long, how often, how much data has been sent and much more information from the L2 – L4 layers. This information is crucial to ensure network security, troubleshooting, network capacity planning, peering and SLA compliance, monitoring of users and devices and other use cases. Additionally, Flowmon Probes provide advanced application layer visibility (L7) which opens up completely new possibilities allowing administrators to monitor not only network performance, but also enhance user experience and optimize MS SQL database performance.
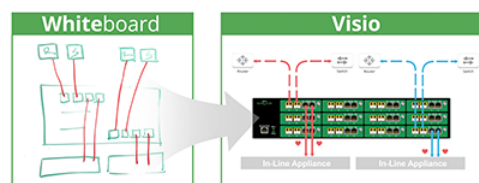
Key facts about probes:

· Versatile and flexible network appliances
· Monitoring ports convert packets to flows
· Un-sampled export in NetFlow v5/v9 or IPFIX
· Wire-speed, L2-L7 visibility, PCAPs when needed

Flowmon Networks

Garland Technology Network TAPs
A Certified Flowmon Solution

Router   Switch
Copper TAP
FlowMon probe

Router   Switch
Passive Fiber TAP
FlowMon probe

Need help designing your network?

Whiteboard   Visio   **Garland makes it easy!**

In-Line Appliance   In-Line Appliance

DESIGN IT

Click to schedule your
Design-IT session today