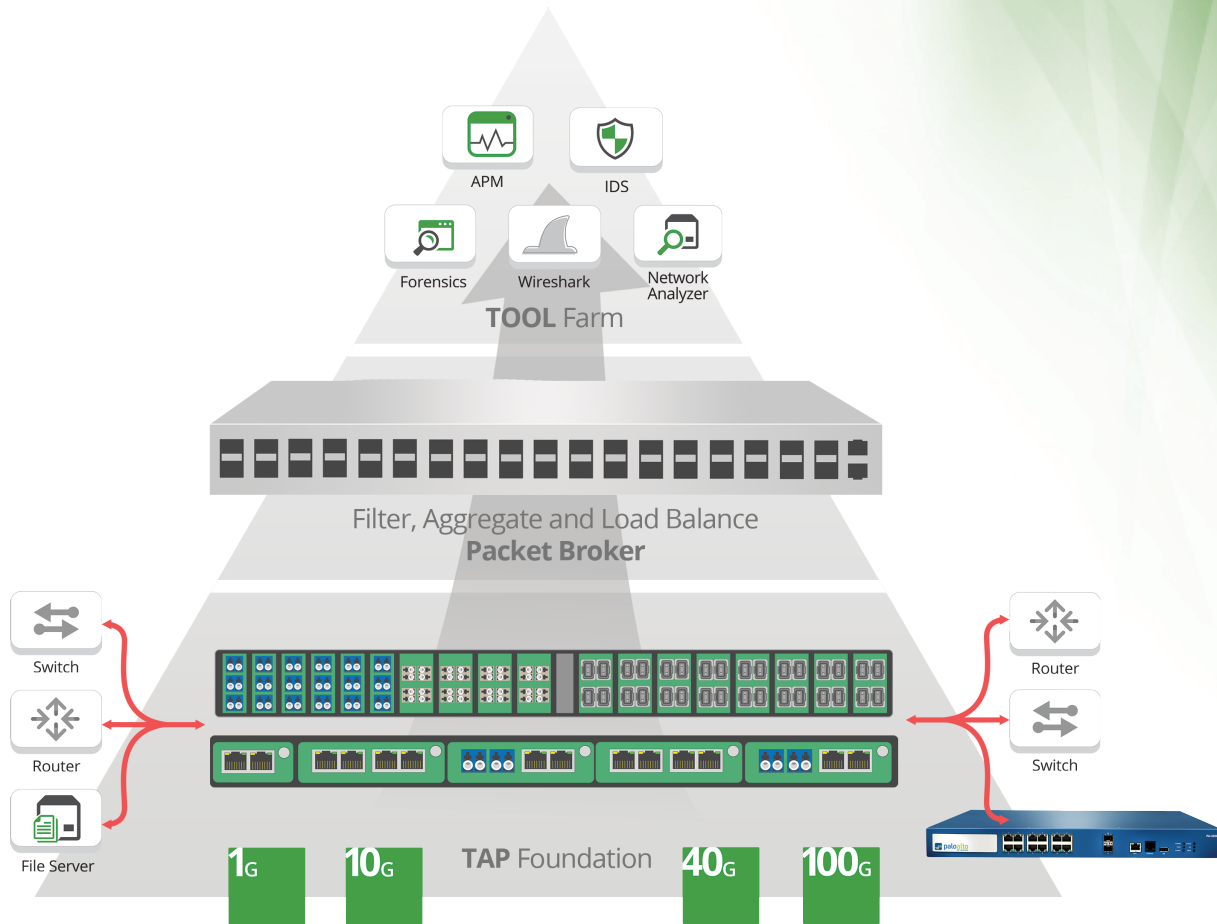


Architecting Data Centers for SDN and NFV

In 10G, 40G and 100G Environments



The Importance of Visibility with SDN



Keep In Mind

1. SDN decouples the data plane from the control plane
2. Visibility is required for both the data plane and the control plane

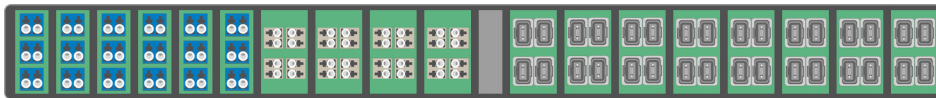
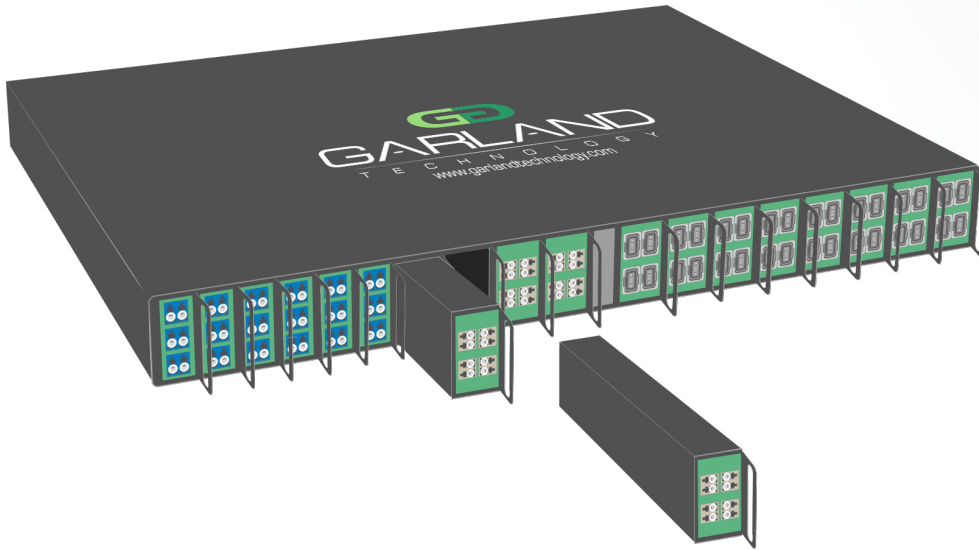
Centralized control of traffic flows is critical for monitoring 40G and 100G networks. But before implementing SDN, network architects must ensure that they have a solid visibility plane that ensures 100% of packets will be seen by the SDN controller.

To achieve complete transparency with application monitoring tools, network architects must account for solutions and functions such as:

- Network analyzers
- Bandwidth management
- Computer forensic analysis and data capture
- Content filtering
- Data leakage prevention (DLP)
- Lawful interception
- Intrusion detection

High Density 1U Data Center Solution - 1G/10G/40G/100G

Passive Fiber Modular Chassis



Network test access points (TAPs) are hardware tools that allow you to access and monitor your network. The modular passive fiber chassis system supports 1G, 10G, 40G and 100G network speeds.

Flexible, Scalable & Removable Data Center Solution

This high density and high performance monitoring solution accommodates growing data center and enterprise needs for 100G Ethernet networks. The passive fiber modular chassis system features a scalable design allowing you to meet the demands of the network today and tomorrow, while supporting the investment in existing monitoring tools.

Key Features

- Tested and optimized for 1G/10G/40G/100G
- Customize TAPs by media and/or speeds
- Accommodates 16 to 24 modules, depending on configuration (24 LC TAP Modules, 16 MPO/MTP TAP Modules, 16 BiDi LC TAP Modules)
- Supports **Single-mode**: OS1 and **Multi-mode**: OM3/OM4 media for long range and short range environments*
- Supports Cisco BiDirectional optical technology
- New prism based technology reduces bit errors on OM3/OM4 applications, providing 100% utilization
- Change TAP modules on-the-fly or in the future
- No power source required
- No IP Address. No Mac Address. Cannot be hacked.
- Tested and Certified

View datasheet for specs and part numbers
garlandtechnology.com/passive-fiber-modular-chassis