



Features and Benefits

- **Powered by GigaVUE-OS™:** Implement a uniform operating system software for visibility from edge to core of the visibility infrastructure
- **Cluster Capable:** Extend traffic intelligence from GigaSMART® capable nodes to white box ports
- **Managed by GigaVUE-FM:** Provides a single pane-of-glass view for the entire visibility infrastructure
- **Compatible with Open Network Install Environment (ONIE) Boot Loader:** Allows organizations to use a common white box hardware platform for multiple operating systems, each specialized in different functions such as switching, visibility and more

Product Description

Infrastructure blind spots created by encapsulated and encrypted traffic are creating increasingly complex and seemingly undetectable security threats. Combined with the desire to embrace SDN technology, data center operators are increasingly acknowledging the value and criticality of pervasive and end-to-end visibility to deliver essential infrastructure monitoring. With a significant amount of traffic between different tiers of distributed applications happening below the spine switch in a data center, it is critical to have a scalable monitoring approach that provides the scale, intelligence, economics and richness of visibility to every rack in a large data center using an approach that is called by some operators as “TAP all”.

GigaVUE-OS is Gigamon’s market-leading visibility software that powers the intelligent core nodes (GigaVUE H Series) and the edge nodes (GigaVUE TA Series). The modular operating system software, GigaVUE-OS, has now been extended to GigaVUE-TA1 equivalent white box hardware by abstracting software from the underlying hardware.

Applications

- Reduce threat envelope of security and identify emerging threats using pervasive monitoring
- Eliminate blind spots due to new encapsulations such as VXLAN or encrypted traffic such as SSL
- Accelerate SDN adoption by bridging the visibility gap between virtual networks and physical networks
- In combination with GigaVUE-VM, provide increased visibility into distributed applications and virtualized infrastructure

Consequently, the scope of visibility can be significantly expanded for cloud operators and hosting providers while simultaneously addressing the economics of the operator’s budget. By managing the entire visibility infrastructure through a centralized Fabric Manager offering APIs to external systems, instrumentation, and controllers, operators can lay the foundation for Active Visibility built around Software-Defined Visibility (SDV).