



Observer Platform Overview

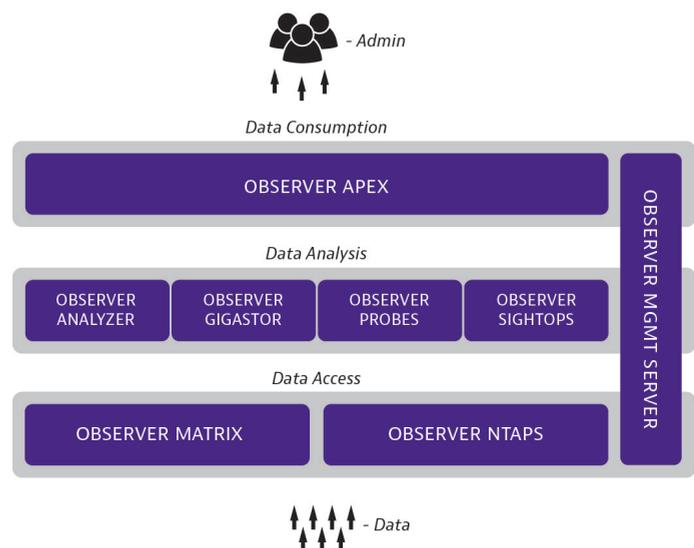
Validate IT success, optimize performance

Critical business processes, from project collaboration to product delivery are supported at every point by IT services. Failure of the underlying applications and infrastructure is not an option. For IT to be successful, it must have a method of monitoring operations, optimizing performance, and validating investments.

The Observer Performance Management Platform

The Observer® platform is a full-service IT solution for optimizing application and network performance management. Each part of the system fits together with all other components to:

- Achieve global infrastructure visibility
- Identify and resolve service anomalies
- Plan for long-term IT operations growth
- Optimize app delivery and performance
- Ensure project success



Apex

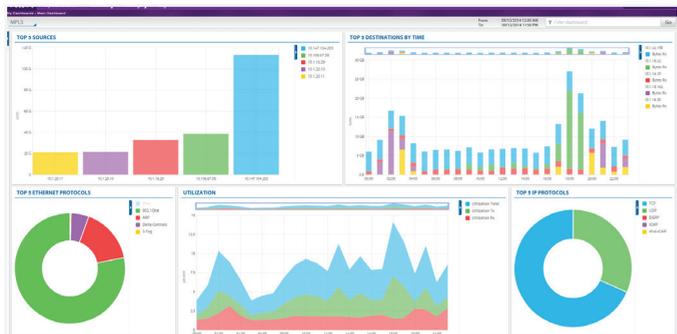
Enterprise-Wide Performance Management

Apex™ is a stand-alone appliance that simultaneously collects and aggregates data from probes, NetFlow devices, and other collection agents. Combine Apex with GigaStor™ to gain long-term views of network and application activities.

- Prove IT success to management with robust reporting
- Assess application service availability at a glance
- Track cloud performance and verify SLAs
- Navigate from user-friendly dashboards to root cause quickly
- Resolve problems with intuitive workflows and Expert



The Apex appliance combines flow, captured packets, and expert analysis for an overall view of service heat



Analyzer

The Industry's Most Powerful Analytics

Analyzer is often integrated with GigaStor, probes, and Apex to increase management performance power. It's used with GigaStor for long-term data capture and in-depth analysis of historical events, forensics analysis, and stream reconstruction. Analyzer is paired with Apex for high-level or aggregate reporting, enterprise-wide reporting, and global alerting. It also connects with larger enterprise initiatives, including integration with IBM® Tivoli® and HP® OpenView®.

- Automate problem isolation and resolution with over 700 Experts
- Monitor application communications, errors, and response times
- Track VoIP and video performance quality on a per-call or aggregated basis
- Gain app-specific details across the enterprise



Gigastor

Improve Uptime with Back-in-Time Analysis

GigaStor appliances are available in an array of form factors, network speeds, port counts, and capacities that range from 4 TB to over a petabyte. To ensure wire-speed and line-rate capture, all GigaStor appliances include the Viavi Solutions unique full-duplex Gen2™ capture card with multiple link support. There is also a GigaStor Software Edition (GSE) offering capacities from 250 GB to 64 TB. GSE enables complete hypervisor visibility when hosted on a VM instance or flexible performance monitoring when installed a laptop. Analyzer integrates seamlessly with all GigaStor models to provide in-depth analysis.

- Capture, save, and replay over a petabyte of data
- Obtain long-term analysis of performance and growth for capacity planning
- Rewind the network to troubleshoot intermittent issues
- Baseline and evaluate application rollouts
- Supports 1/10/40 G environments
- Share packet-level data intelligence with third-party applications using web-based GigaStor extraction



GigaStor appliances are retrospective network analyzers that troubleshoot with speed and precision, capturing over a petabyte of data



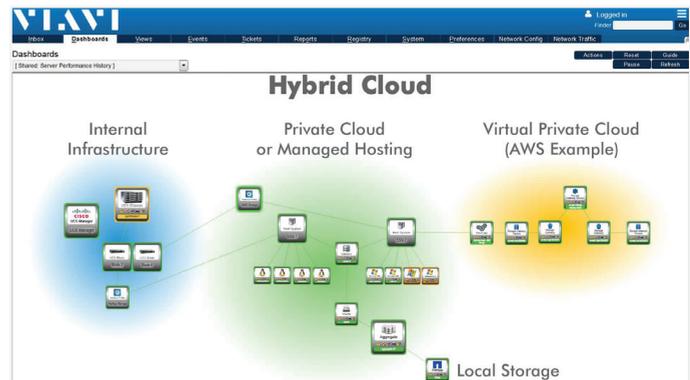
GigaStor Time Navigation pane

SightOps

Comprehensive Hybrid Cloud Monitoring

SightOps™ provides unified monitoring of hybrid IT infrastructure from legacy, on-premises physical and virtual assets to public/private cloud resources. Seamlessly visualizing components and their complex relationships for complete monitoring of power, network, storage, servers, applications, and the public cloud, SightOps helps improve IT efficiencies and reduce MTTR. SightOps uses agentless technologies to monitor nearly any device out of the box, while letting users quickly configure monitoring for custom equipment and services.

- Automatically discovers all assets whether on or off-premises, applying relevant monitoring to track asset health and performance without any user intervention
- Delivers deep visibility into AWS, Azure, SoftLayer, and vCloud Air to validate performance of critical workloads
- Generates hybrid IT dependency maps that dynamically illustrate complex infrastructure relationships independent of where they are hosted
- Builds real-time, easy-to-use dashboards in minutes that monitor key operational business metrics or construct intuitive reports for all levels of the organization
- Advanced, highly configurable alerting based on unique custom criteria and thresholds streamlines administration while managing the deluge of events, filtering by business/customer impact
- Facilitates runbook automation by tying event management, alerting, and ticketing functions for optimal IT resource business processing
- Integrates with GigaStor and Analyzer traffic analytics and back-in-time functionality to correlate network behavior to underlying IT resource health and status



Matrix

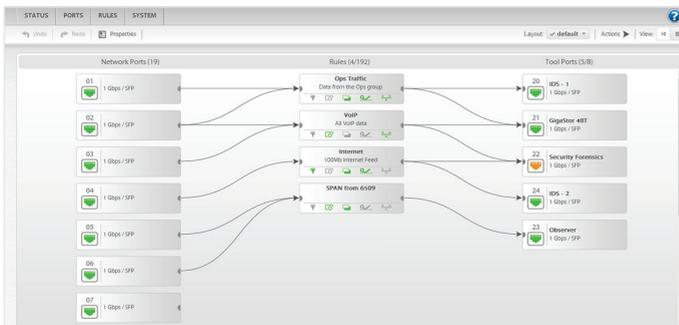
Maximize Your Monitoring Machines

The Matrix™ network monitoring switch is the perfect device to enhance the power of your monitoring appliances. Stop compromising on configuration or giving up on powerful features and functionality. With Matrix, quickly leverage all your legacy monitoring tools and get the right data to the right tool in a timely manner.

- Industry's first rule-based interface makes packet manipulation and filtering a breeze
- Drag-and-drop GUI network-tool port connectivity provides the ultimate in flexible traffic flow configuration, visualization, and management
- Cost-effective design means pay for only those monitoring resources you need while making 24 port expansion simple
- Selectively directing and passing only critical traffic making the transition to 10 G less painful



The Matrix appliance uses a modern HTML5 GUI and the best underlying hardware technology for optimal ease of use and performance



nTAPs

Access Data with Ease and Speed

nTAPs™ are passive devices installed on critical links for 24/7 access to traffic without disrupting data flow. They keep traffic flowing even when power doesn't. With streamlined form factors and an array of configuration options, nTAPs feed network analyzers, monitoring tools, and security devices while decreasing the risk of dropped data. Quick to deploy and economical to implement, network nTAPs provide devices with the comprehensive visibility needed for optimal performance management.

nTAP Hardware Appliances



The Aggregator nTAP works with 10/100 Mbps and 1 G full-duplex links



The Copper nTAP works with 10/100 Mbps and 1 G full-duplex links



The Optical nTAP works with 1/10/40/100 G single-mode and multimode optical links



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