

# Observer Platform Overview

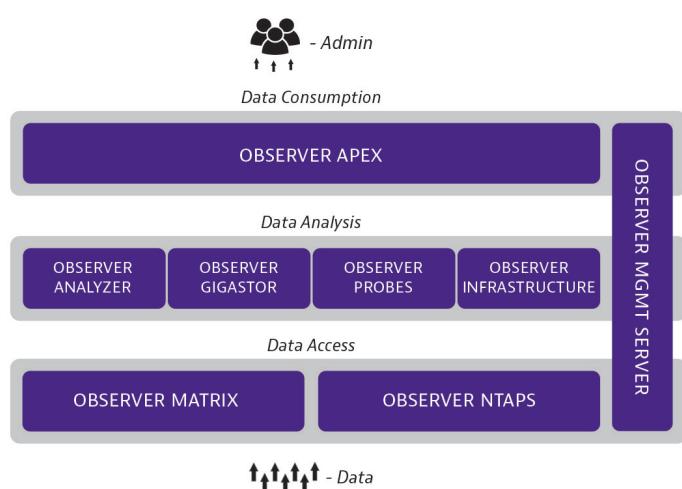
**Validate IT Success, Optimize Performance**

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.

## 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 & Performance
- Ensure Project Success



# Observer Apex

## Enterprise-Wide Performance Management

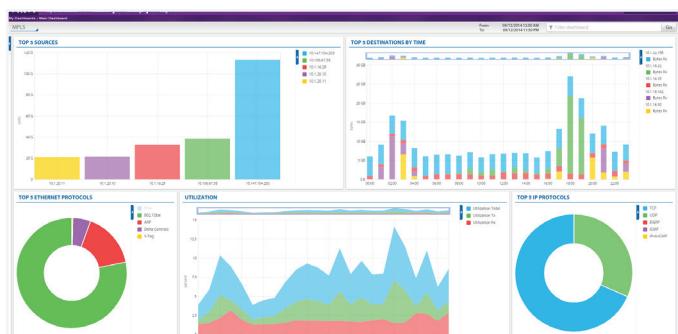
Apex™ is a stand-alone appliance that simultaneously collects and aggregates data from probes, NetFlow devices, and other collection agents. Combine Apex with GigaStor™ to gain long-term views of network and application activities.

- 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



**Apex Hardware Appliance**

Combines flow, captured packets, and expert analysis for overall service health view.



# Observer 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



"The synergy with Observer Analyzer, GigaStor, and OI is very beneficial for our network. It's the best return on investment we've ever seen from a network management solution."

- Peter Van Rietvelde

Network and Systems Engineer, AZ Sint-Jan Brugge-Oostende Hospital

# Observer Gigastor

## Improve Uptime with Back-in-Time Analysis

GigaStor is 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 software edition with 250 GB or 1 TB capacities that can be flexibly installed on a virtual machine or 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 Gb, 10 Gb, and 40 Gb environments



**GigaStor Hardware Appliances**

Retrospective network analyzer troubleshoots with speed and precision, capturing over a petabyte of data.

# Observer Infrastructure

## Active Resource Monitoring Across the Network

OI converts data into actionable information through flexible reporting and intuitive mapping visualization. Its exceptional stand-alone polling capabilities can augment packet and flow data collected by Apex. OI delivers even greater management IQ, including functionality that locates correlations between seemingly unrelated events – saving hours of troubleshooting time and accelerating issue resolution.

- Easily assess impact of infrastructure performance on overall enterprise
- Correlate virtual resource and desktop performance with physical hosts
- Obtain network-wide monitoring of device and application performance
- Monitor cloud service metrics and health status
- Improve problem solving by isolating issue to application, network, or device



**OI Hardware Appliance**

Provides critical operational metrics for informed device management.



Monitoring					Topology Discovery		Inventories		Alarmed Devices: 65		
Discoveries:		2011/12/30 10:56:15			Discover now...		Tools				
		Discovered Map		Discovered Subnets	Discovered Devices		Discovery Reports				
					Network Devices		Type	JMX	MySQL	SNMP	Windows
+	+	+	+	+	+	+	Network Device	✓			
+	+	+	+	+	+	+	Computer	✓	✓		
+	+	+	+	+	+	+	Windows Computer		✓		✓
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+	+	+	+	+	+	+	Printer		✓	✓	
+	+	+	+	+	+	+	Windows Computer				✓
+	+	+	+	+	+	+	Network Device			✓	
							Device vmnic0 at 02:00.0 e1000e(etherne...				

# Observer Matrix

## Maximize Your Monitoring Machines

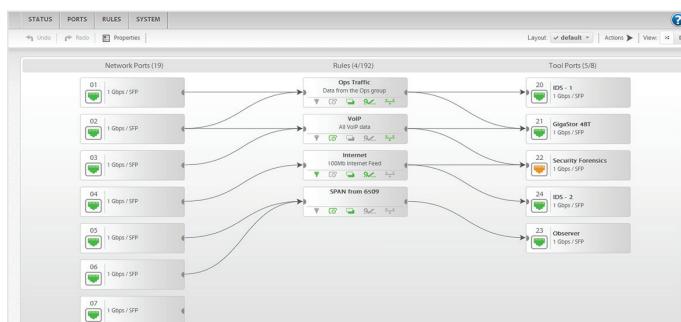
The Observer Matrix™ Network Monitoring Switch is the perfect device to enhance the power of your monitoring appliances. Stop compromising on configuration or giving up on powerful features and functionality. With Matrix, quickly leverage all your legacy monitoring tools and get the right data to the 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 & passing only critical traffic making the transition to 10 Gb less painful



**Matrix Appliance**

Uses a modern HTML5 GUI and the best underlying hardware technology for optimal ease of use and performance.



# Observer 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.

### nTAPs Hardware Appliances



**Aggregator nTAP**

10 Mb, 100 Mb, or 1 Gb full-duplex links



**Copper nTAP**

10 Mb, 100 Mb, or 1 Gb copper links



**Optical nTAP**

1 Gb, 10 Gb, 40 Gb, or 100 Gb single or multi-mode optical links



### Contact Us

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