

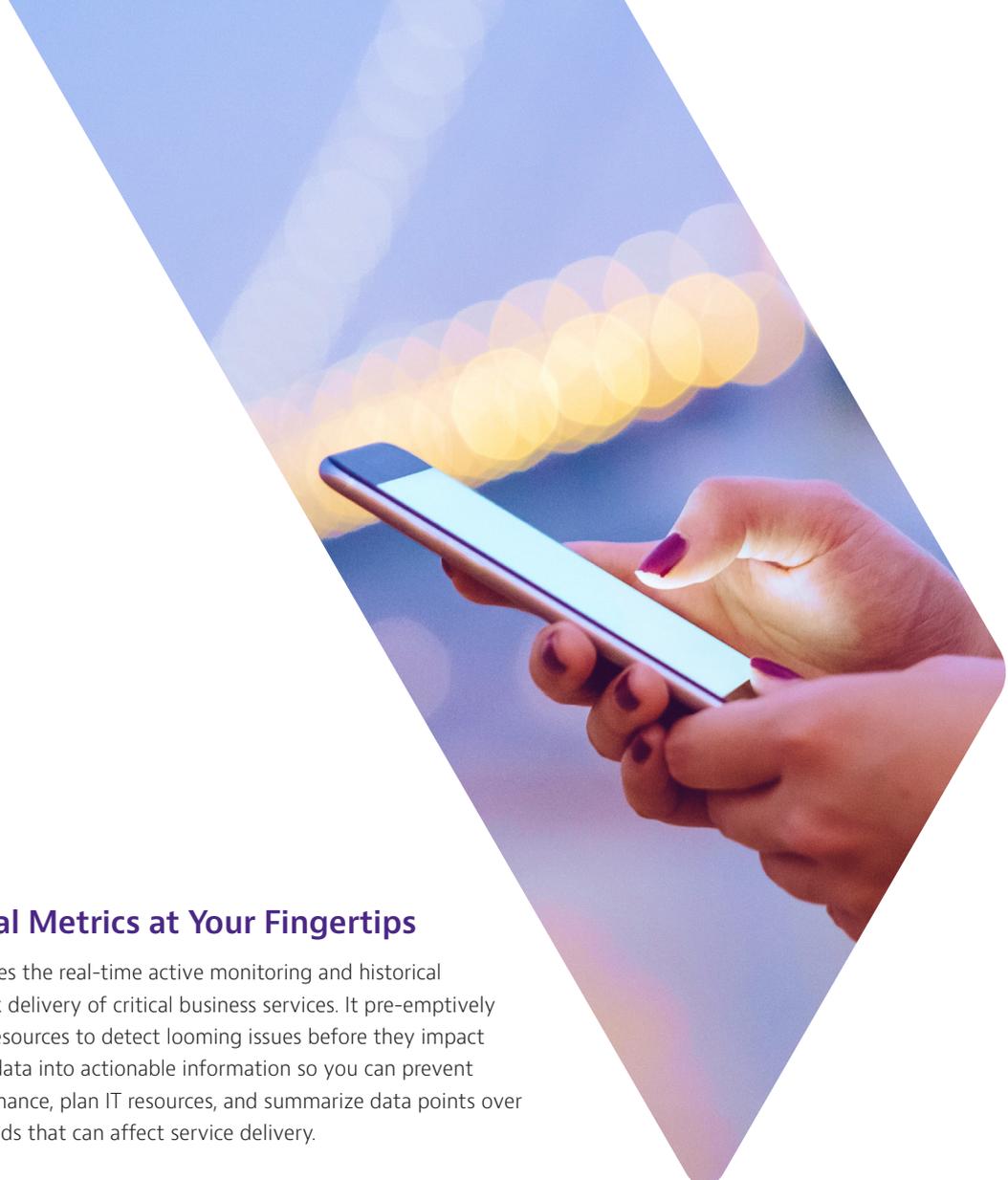
The logo for VIAMI, consisting of the letters 'VIAMI' in a bold, purple, sans-serif font. The letters are slightly spaced out and have a modern, clean appearance.

VIAMI

The background features a large, abstract geometric shape on the right side, resembling a stylized mountain or a large letter 'V'. It is composed of several overlapping layers of blue and purple, with a gradient from light blue at the top to dark purple at the bottom. The shape has rounded corners and a slight shadow effect, giving it a three-dimensional appearance.

Observer Infrastructure

Manage IT infrastructure with
epic insight for comprehensive
device health



Get Critical Operational Metrics at Your Fingertips

Observer® Infrastructure (OI) provides the real-time active monitoring and historical reporting needed to ensure network delivery of critical business services. It pre-emptively queries systems, applications, and resources to detect looming issues before they impact service delivery. OI transforms raw data into actionable information so you can prevent problems, optimize network performance, plan IT resources, and summarize data points over time, providing knowledge into trends that can affect service delivery.

Benefits

OI presents health status views of the hypervisor and VMs, monitors internally and externally-hosted infrastructure, helps manage increasing IT operations capacity demands, and ensures resources run at top efficiency. Additional benefits include:

- Active discovery and configuration
- Up/down monitoring
- Network mapping
- Route monitoring
- Polling
- Event notifications: alarms and alerts
- Device inventory
- Public and private cloud management
- Storage enclosure and SAN details
- Virtualization visibility
- Application visibility
- IP SLA, WAAS, and NBAR intelligence
- Synthetic transactions
- Exportation of captures to security devices, compliance tools, and other network analyzers

“Observer Infrastructure’s real-time monitoring, coupled with its historical reporting, gives us information we use for IT planning, to optimize our network’s overall performance, and to locate and resolve problems before they impact end users.”

- Peter Van Rietvelde

Network and systems engineer, AZ Sint-Jan Brugge AV

Key Features

Event Alerts

OI monitors and enables alerts on tens of thousands of device, service, application, and network metrics. Flexible and configurable, OI event notification manages resources and detects anomalies before they impact users, providing data on conditions affecting all critical IT resources.

Alarm Log	
ce Group:	Network Instruments HQ
Alert Generated:	2012/04/05 14:41:50
Filtering Period:	last 4 hours <input type="button" value="Apply"/>
Start Time:	2012/04/05 10:41:50
End Time:	2012/04/05 14:41:50
	Device ▲ (IP) Log Entries
[ALL DEVICES]	11
GHDVJE67F(172.16.39.19)	2
acme(172.16.36.55)	4
Production ColorQube 8870(172.16.34.12)	2
xpx64-vm2(172.16.40.53)	2
xpx64-vm2-2(172.16.40.60)	1

Infrastructure-to-Business Link

With OI, you can create groups to track the impact of devices and resources on business services and processes. It organizes network devices into specific subsets based on geography, department, device type, application service, and more. This lets IT teams prioritize based on severity and business impact, and offers drilldown within groups for sub-level analysis.

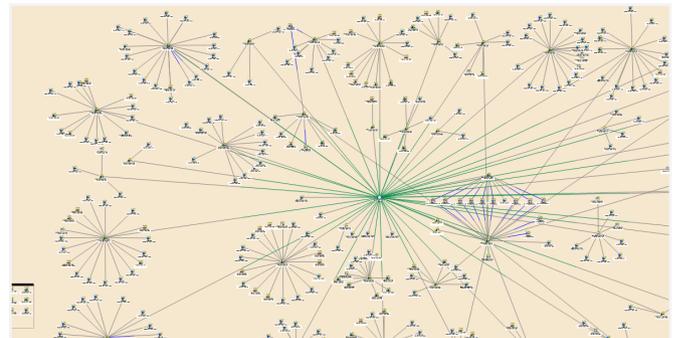
Service Health Management

OI provides comprehensive views into application, database, and web servers. It comes ready to offer deep visibility into these higher level services, without the need for add-on modules. Whether it’s an Apache™ web front-end server, a backend Oracle® database, or a middleware solution such as WebSphere® MQ, OI captures the metrics needed for these and many additional platforms.

Monitoring											
Alarmed Devices: 1											
ce Subgroup: [All Devices] Filter: <Show All>											
Reports Monitoring Map Devices IP Applications Response Times											
State	Device	DNS(U...)	FTP	HTTP	LPD	NNTP	POP3	SMTP	SNMP	TELNET	HTTPS
WAAS-Centr...									↑	↑	↑
wap54g (10.0...				↑					↑	↑	↑
Upstairs_Dell...				↑					↑	↑	↑
Switch (10.0...				↑					↑	↑	↑
CiscoSwitch...				↑					↑	↑	↑
vistatest (10...											
ANTIVIRUSS...			↑	↑							
Cisco_Wirele...				↑					↑	↑	↑
IP_SLA_1 (10...				↓					↓	↓	↓

Device and Route Map Creation

Active discovery technology automatically generates maps of any network segment or group of systems, providing continuous measurements of route performance with instant alerts to network changes and delays. Route flapping is documented to ensure service delivery and enforce SLAs.



Flow Monitoring

Network and application teams can quickly see flow data traversing local and remote sites. Instead of searching for flow data in various silos, OI aggregates metrics from throughout your environment and aligns them with other infrastructure parameters for fast results.

Flow Statistics (NetFlow)						
Monitor Element	Object (Index)	Monitor Category	Status	Last Value	Last 4 Hours	Last Value Time
% Max Entries	Interface IP Protocol Distribution	Application	✓	3,960		2013/01/08 15:00:05
% Max Entries	Internet Patrol (AS)	Application	✓	0.000		2013/01/08 15:00:05
% Max Entries	Internet Patrol (Interface)	Application	✓	4,130		2013/01/08 15:00:05
% Max Entries	IP Pairs (Matrix)	Application	✓	3,830		2013/01/08 15:00:05
% Max Entries	Pairs Statistics (Matrix) (AS)	Application	✓	0.000		2013/01/08 15:00:05
% Max Entries	Pairs Statistics (Matrix) (Interface)	Application	✓	0.020		2013/01/08 15:00:05
% Max Entries	Protocol Distribution	Application	✓	3,990		2013/01/08 15:00:05

Device Inventory

The OI inventory feature tracks every device on your network, plus essential individual attributes like removable hard drives, RAM, installed software, and more. It also runs automated, periodic inventories that take instant snapshots for comparison, making it simple to protect expensive and easy-to-go missing assets.

Device	Network address	Inventory objects
Bigrton1	10.0.38.185	10
Cisco_Wireless_LAN	10.0.38.181	10
CLICKnetrest.com	10.0.240.10	10
D1	10.0.32.11	10
IP_SLA_1	10.0.192.1	10
IP_SLA_2	10.0.192.2	10
LED4	10.0.34.14	10
LX0E08769	10.0.29.19	10
LX0E47324	10.0.40.37	10
Maint ColorCube 8870	10.0.34.13	10
Mohand-PC	10.0.38.27	10

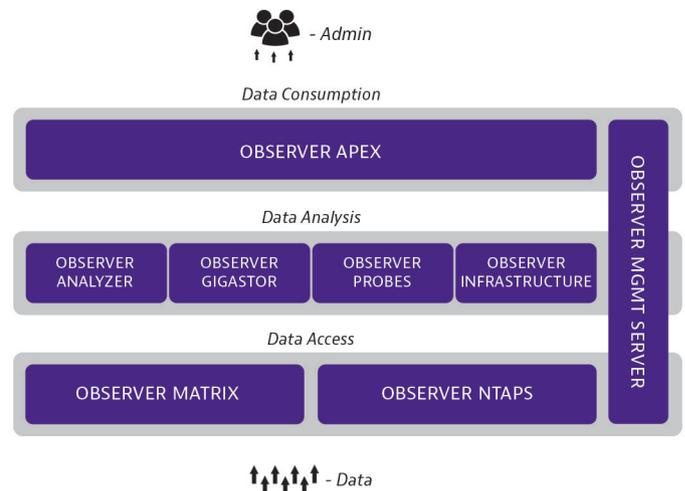
Product Options

OI is available in multiple options, including a free trial download. The product is offered as software or a hardware appliance for 100, 500, or an unlimited number of devices. In addition to device monitoring, OI Enterprise has scalable, customized capacity options that let enterprises aggregate OI units as your company grows.

OI 100	Monitoring for up to 100 devices
OI 500	Monitoring for up to 500 devices
OI Enterprise	Monitoring for unlimited devices

Platform Integration

The Observer Performance Management Platform is a full-service IT solution for optimizing application and network performance management. Each part of the system fits together precisely with all other components—increasing capabilities, power, and speed. As an integral part of the Observer platform, OI plays a key role in creating IT management solutions for complex environments and supporting the success of enterprise-wide IT initiatives.



OI works in tandem with Observer Apex™, Observer Analyzer, and Observer GigaStor™ to provide the following benefits:

- Correlation of all service events
- Network and application performance management
- Aggregated perspectives of all critical IT service metrics
- Accelerated troubleshooting
- High-speed data captures on fully saturated links for complete data collection
- Comprehensive network health views



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To reach the Viavi office nearest you,
visit viavisolutions.com/contacts.

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