

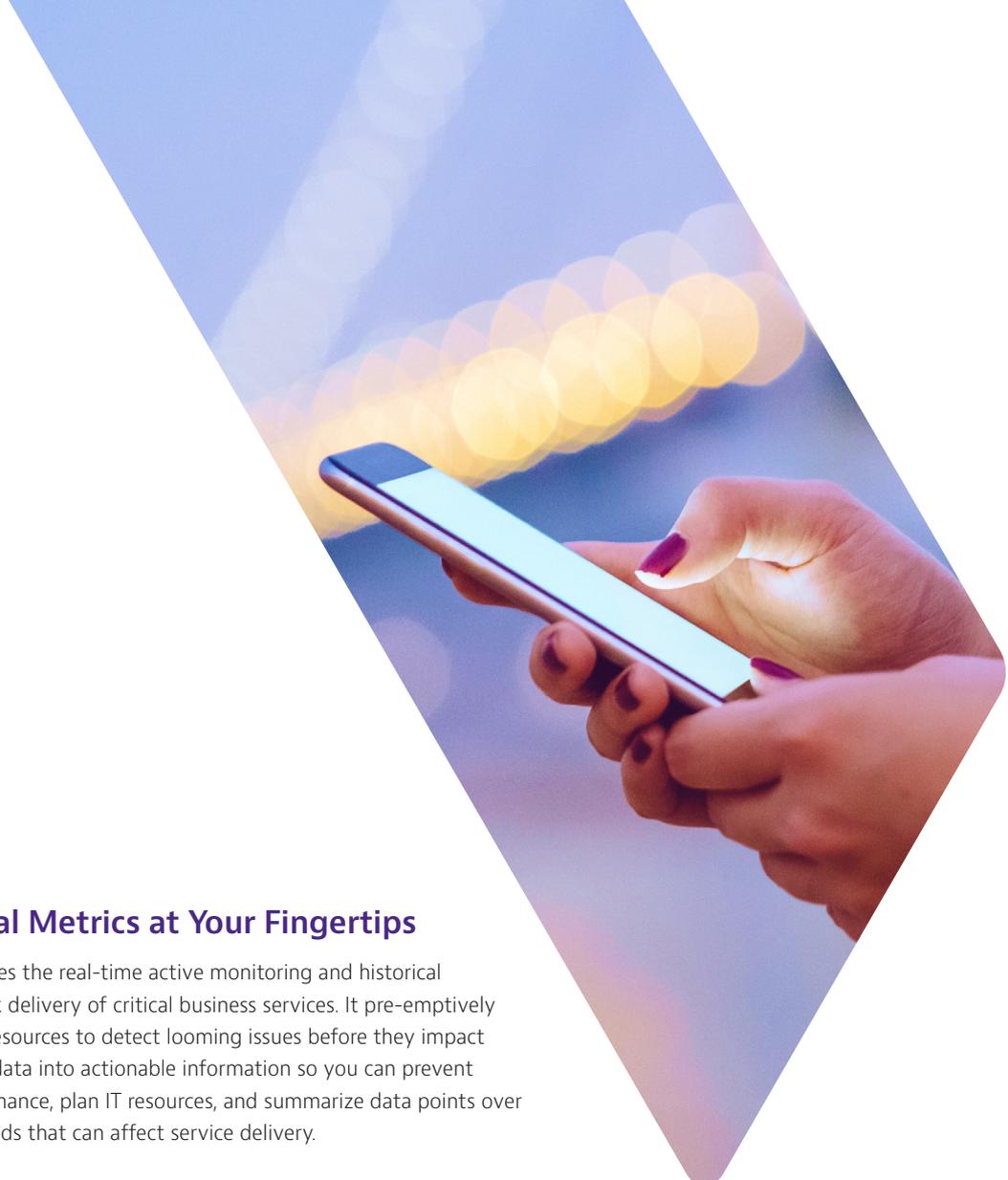
The logo for VIAMI, consisting of the letters 'V', 'I', 'A', 'M', and 'I' in a bold, purple, sans-serif font. The letters are spaced out and have a slight shadow effect.

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.

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.

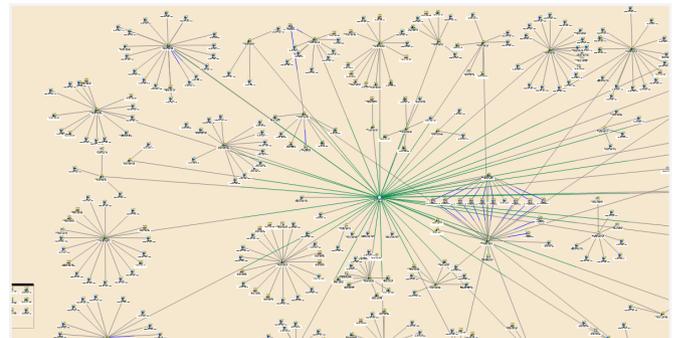
Service Health Management

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 Topology Discovery Inventories 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 |
|----------------------|-----------------|-------------------|
| BigIron1 | 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 |

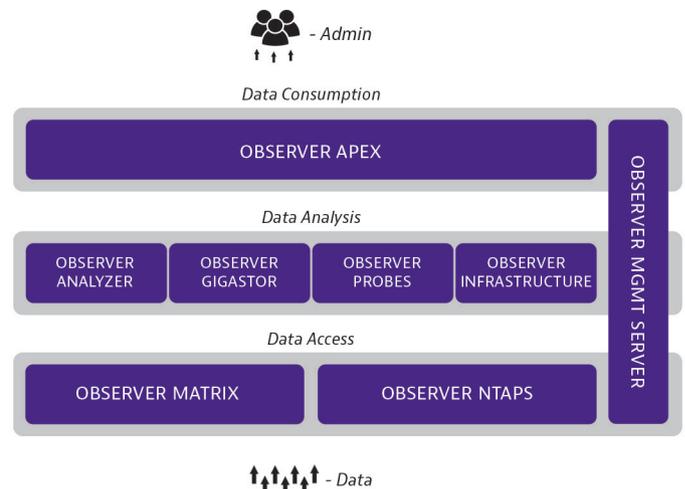
Product Options

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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