OBSERVER
MANAGEMENT SERVER

Simplify Administration, Management, Security, and Maintenance
Enterprise-Wide Authentication, Authorization, and Auditing

The Observer® Management Server (OMS) was developed to meet the distinct needs of network professionals who own Observer Platform products. The user-friendly, HTML5 interface features the same easy-to-use drag-and-drop, right click, and scrolling capabilities you’d expect from any web-based application so you can authenticate user access and passwords, administer upgrades, and streamline management from a single, centralized location. Enterprise-wide authentication, authorization, and auditing (AAA) has never been easier. Ideal for compliance, OMS manages an extensive menu of essential tasks and delegates specific IT jobs on a tiered authorization basis to appropriately credentialed network team members. TLS-based communication security safeguards sensitive user data while in transit.

Benefits

- Authenticate IT staff for the entire Observer Platform from one central location
- Integrate with third-party authentication servers including AD, RADIUS, TACACS+, and more
- Authorize user access according to clearance credentials or asset group
- Manage user passwords and permissions
- Audit user access and activity related to company-sensitive data
- Define access rights by user, user group, or asset group
- Automatically license new Observer Platform components connecting to the network
- Easily and efficiently administer software upgrades across the Observer Platform

“A more comprehensive tool than any other product – all for a very sensible cost.”

- Alstom

Key Features

Manage AAA across the Observer Platform

Authentication

OMS determines clearance levels for users accessing the assets on the network via an internal list or using third-party integration with technologies like RADIUS, Active Directory, TACACS+, and more.

Authorization

Determine appropriate permissions for GigaStor™ or Probe connections, report access, capture initiation, accessing of reports, and more. OMS defines role-based permissions, helping you lock down security.

Auditing and Accounting

Know how users access remote resources. OMS logs username, IP address, Probe connection, and activity history.
Version Control, including Centralized License Distribution
OMS version control functionality upgrades and downgrades any tool as needed or desired. When new versions that require license changes are released, these can be distributed via OMS, automating the entire upgrade process.

OMS also provides options if you want to control the upgrade schedule. OMS centralized licensing allows you to:

- Quickly and efficiently authorize multiple components of the Observer Platform
- Manage multiple types of licenses such as Observer Analyzer Expert, Analyzer Suite, and software or hardware Probes

Third Party Integration
OMS provides a RESTful API enabling you to interface with it remotely using external management tools such as Manager of Manager and service orchestration tools. Share user information with third-party apps, and integrate into audit, security, and configuration management workflows.

Security and Failover Protection
OMS also protects analysis tools against connection failures. With a redundant OMS in place, real-time analysis and distributed visibility continue even if the primary OMS becomes unavailable. With this option, communication is secure and uninterrupted.

Analysis Tools with OMS
OMS offers a centralized repository of tools like filters and protocol definitions commonly used by administrators to ensure only relevant data is displayed or collected – ultimately speeding troubleshooting and analysis. This technology ensures secure communication by encrypting and authenticating all data sent across the network. It also provides integrated, multi-vendor support for centralized hardware security modules (HSMs), securely managing SSL keys for encryption analysis and reinforcing compliance initiatives.

With OMS, it’s easy to share filter libraries between Probes and across the network with other Observer Platform users. Upload or download filter lists to or from OMS as often as needed.

Share filters:
Share your organization’s application definitions database. This benefits your enterprise because key solutions configurations are centralized and shared for standardization and control – creating enterprise-wide network consistency.
Platform Integration
The Observer Platform is a full-service IT solution for optimizing application and network performance management. Each part of the system fits precisely together with all other components – increasing capabilities, power, and speed. As an integral part of this platform, OMS plays a key role in creating IT management solutions for complex environments and supporting the success of enterprise-wide IT initiatives.

OMS is connected with Apex, Analyzer, GigaStor, Probes, and OI to increase management performance power and to facilitate:

- Long-term packet capture
- In-depth analysis on historical events
- Forensics analysis
- Data stream reconstruction
- High-level or aggregate reporting
- Global alerts
- Filter captures on device health

About Network Instruments
Network Instruments, a JDSU Performance Management Solution is an industry leader in application and network management. It provides products that optimize performance and speed problem resolution, helping ensure delivery of critical applications for businesses worldwide.

For more information visit www.networkinstruments.com.