Brochure

VIAVI Observer
Management Server

Simplify Administration, Management,
Security, and Maintenance

Enterprise-Wide Authentication, Authorization, and Auditing

Observer® Management Server (OMS) was developed to meet the demanding needs of IT teams that have deployed Observer. The sleek UI features simple navigation to easily authenticate, control user access and passwords, administer upgrades, and streamline management from a single, centralized location. Ideal for today's stringent compliance directives, OMS manages an extensive menu of essential Observer monitoring tasks and enables their delegation based on IT roles and responsibilities. Enterprise-wide authentication, authorization, and auditing (AAA) has never been easier. OMS is the key to securing your Observer environment.

Benefits

- Authenticate IT staff usage of all Observer assets from one simple interface

- 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 components connecting to the network

- Easily and efficiently administer and control Observer asset upgrades across the enterprise

- Centralized common Observer definitions such as application definitions, user settings, and filter definitions

Key Security Features
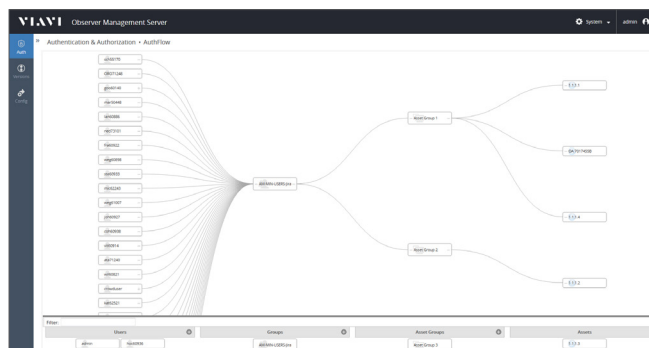
Authentication

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 each GigaStor™ 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, and activity history.

3rd-Party Integration

OMS provides a REST API enabling you to interface with it remotely using external management tools such as Manager SIEMs. Share user information with third-party apps, and integrate into audit, security, and configuration management workflows.
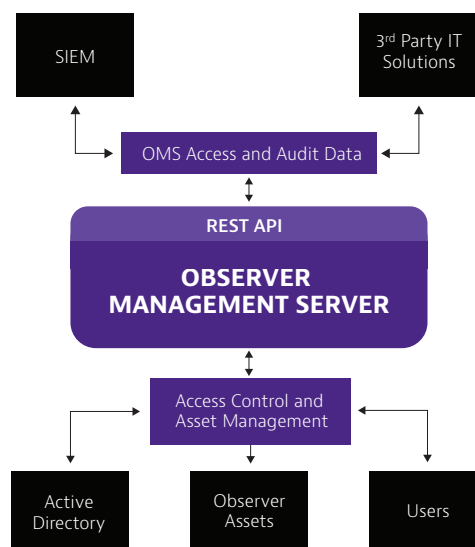
Key Management Features

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
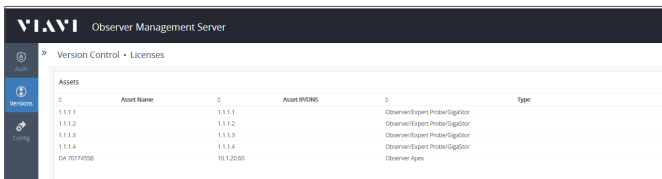

Fault Tolerant Design

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.

Centralized Analysis Definition Library and Security

Sharing common analysis filters and protocol definitions standardizes the monitoring process and achieves consistency across IT teams with the added benefit of eliminating the need to manually replicate efforts across the environment.

The OMS integrated, multi-vendor support forcentralized hardware security modules (HSMs) effectively manages SSL keys for decryption to perform monitoring analysis without compromising compliance initiatives.
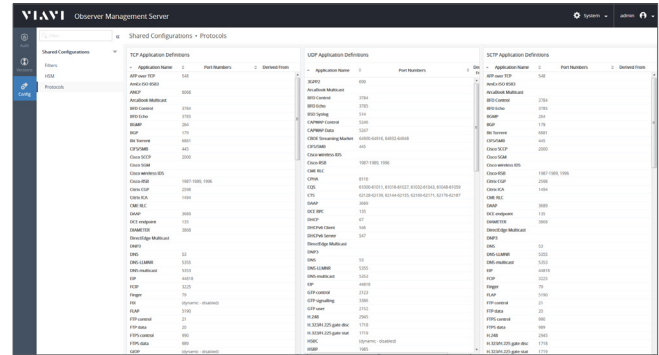
Observer Solution

Observer is a comprehensive network performance monitoring and diagnostics (NPMD) solution that offers valuable insight and assistance to network, operations, and security teams. As an integral part of the solution, OMS is the key to securing and managing your Observer environment.

"A more comprehensive tool than any other for a very sensible cost."

- Alstom