



# Network Instruments Management Server

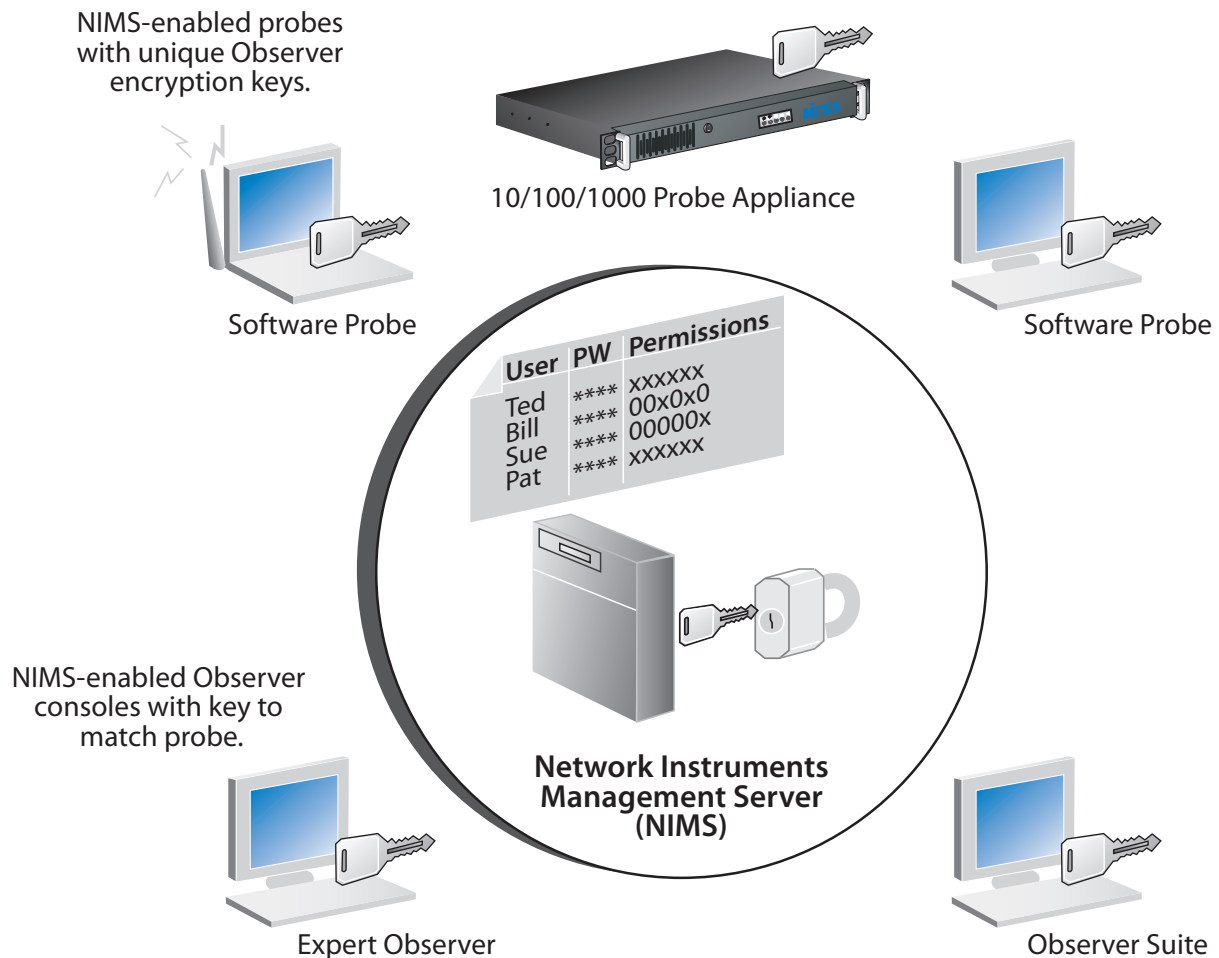
(NIMS™)

## Centralized Probe Management for Enterprise Networks

The Network Instruments Management Server (NIMS) simplifies probe administration, management, security, and maintenance for IT professionals tasked with maintaining multiple Network Instruments software probes and probe appliances across enterprise networks. For network managers, the NIMS offers added security, centralized licensing, a centralized update service, and failover redundancy. For network administrators, the NIMS provides shared access to analysis tools, including Observer® and probe filter libraries.

### Use the NIMS to...

- Authenticate users for probe access from one central location
- Manage user passwords and permissions globally
- Define probe rights by individual users, user groups, or probe groups
- Maintain a log of all probe access activity
- Share filters with Observer users across the network
- License new probes automatically as they connect into the network
- Utilize a Centralized Update System to efficiently administer version upgrades



## Centralized Rights Management

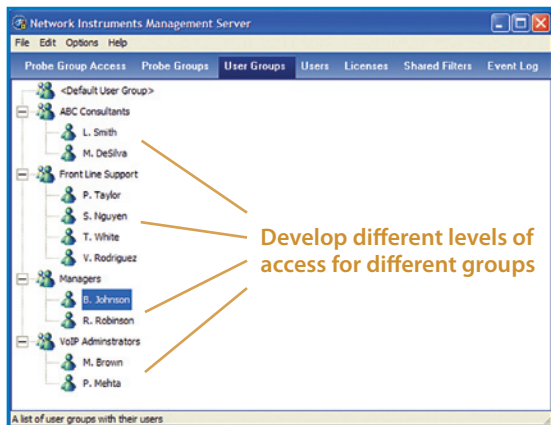
The NIMS replaces individual probe administration tasks with a centralized repository of authentication information. Rather than maintaining separate user accounts on each probe, all probes query the NIMS to authenticate users. Not only does this ease administration but it also helps customize access levels.

Choose to manually enter accounts or automatically populate and update accounts from a local Windows system, Active Directory, or RADIUS server.

Use NIMS's centralized rights management to:

- Record all access activity, including successful and unsuccessful logins
- Block access after a pre-defined number of unsuccessful login attempts
- Grant access permissions based on group or individual probe membership
- Setup alarms and e-mail notifications on failed logins

The NIMS allows network managers to define probe rights and capabilities by individuals, user groups, or probe groups. For example, set up consultants as their own group to limit access to confidential company information.



Define User Groups

Use the NIMS to define probe permissions:

- Set packet view detail by user or user group
- Classify probe access by console, probe, user, or department level
- Automatically disable user accounts after periods of no activity
- Globally reset passwords

## Centralized License Management

Network managers can utilize the NIMS to centrally maintain probe licenses.

Use NIMS's centralized licensing to:

- Grant licenses on a first-come, first-served basis
- Quickly and efficiently authorize multiple Observer products
- Manage multiples types of licenses such as consoles, and software or hardware probes

## Failover Redundancy

Use the redundant NIMS to protect against connection failure. Ensure that real-time analysis and distributed visibility will continue if the primary NIMS becomes unavailable.

### About Network Instruments

Network Instruments provides in-depth network intelligence and continuous network availability through innovative analysis solutions. Enterprise network professionals depend on Network Instruments' Observer product line for unparalleled network visibility to efficiently solve network problems and manage deployments. By combining a powerful management console with high-performance analysis appliances, Observer simplifies problem resolution and optimizes network and application performance. The company continues to lead the industry in ROI with its advanced Distributed Network Analysis (NI-DNA™) architecture, which successfully integrates comprehensive analysis functionality across heterogeneous networks through a single monitoring interface. Network Instruments is headquartered in Minneapolis with sales offices worldwide and distributors in over 50 countries. For more information about the company, products, technology, NI-DNA, becoming a partner, and NI University please visit [www.networkinstruments.com](http://www.networkinstruments.com).

### Solution Bundles

Contact a Network Instruments representative or dealer to ask about product bundles that cover all of your network management needs.

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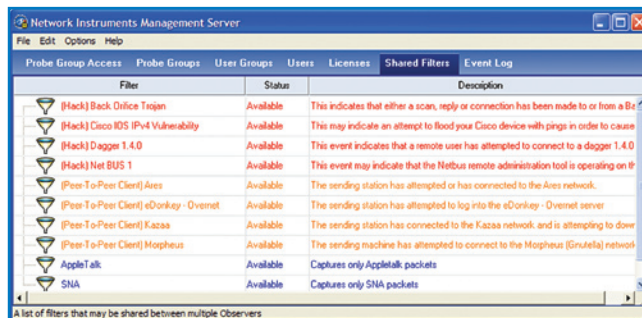
[www.networkinstruments.co.uk](http://www.networkinstruments.co.uk)

## Centralized Update System

The NIMS can localize the administration of major and minor product updates, allowing administrators to maintain version control of software. NIMS can also be set to automatically update to the latest software version.

## Shared Access to Analysis Tools

A key NIMS benefit for network administrators is the ability to share filter libraries across probes and across the network with other Observer users. Filter lists can be uploaded or downloaded to or from the NIMS as often as necessary. Filters ensure only relevant data is displayed or collected, speeding troubleshooting and analysis.



Shared Filter List

## The NIMS works with the following Network Instruments products

### Enterprise Consoles

- Expert Observer
- Observer Suite

### Software Probes

- Advanced Multi-Probe
- Advanced Expert Probe

### Hardware Probes

- 10/100 Full-Duplex Probe Appliance
- 10/100/1000 Probe Appliance (Advanced Multi-Probe and Advanced Expert Probe configuration only)
- 10 GbE Probe Appliance
- Fibre Channel Observer Suite System
- Gigabit Probe Appliance
- GigaStor™ (all configurations)
- Multi-Port 10/100 Probe Appliance
- WAN Probe Appliance

### All-In-One Solutions

- Fibre Channel Observer Suite System
- Gigabit Observer Suite System
- WAN Observer Suite System

## NIMS Configuration Options

- NIMS Software Suite
- Standard 1U Rack Mount NIMS Appliance