



Network Instruments Authentication Server (NIAS™)



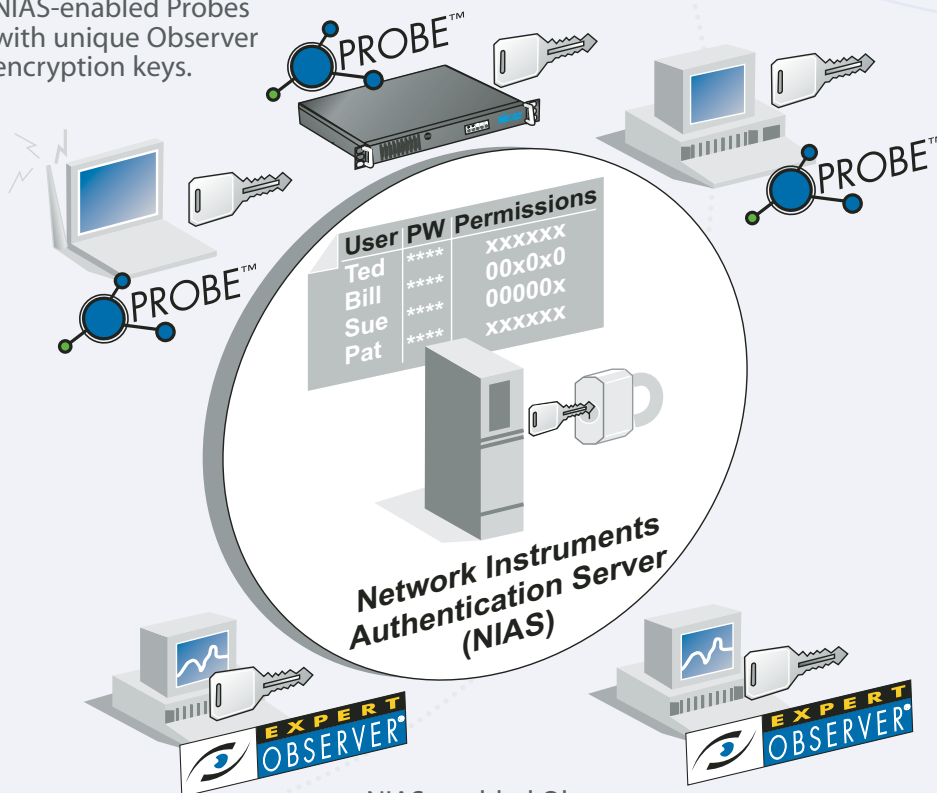
Centralized Probe Management for Enterprise Networks

In the arena of network management, IT Administrators depend on remote monitoring solutions to manage, analyze and monitor every network segment from one central location. Many organizations deploy multiple, even hundreds of probes for complete network visibility. IT Departments have consistently turned to the award-winning Network Instruments Observer® console and Advanced Probes for comprehensive remote network monitoring.

For these enterprise organizations, Network Instruments has released the Network Instruments Authentication Server (NIAS) to assist in managing the security and authentication parameters for multiple console/probe connections. The NIAS is ideal for enterprise organizations required to frequently change user names and passwords to comply with network security policies. This easy-to-install software solution makes authenticating users safe, secure and simple by providing centralized management of all Probe users and all Probe passwords.

The NIAS lets IT staff centrally manage secure access to sensitive analyzer data. Instead of each Probe maintaining its own list of usernames, passwords and permissions, all such access control lists are held in the NIAS database. Probes then query the NIAS to validate users and their access permissions for consoles requesting connection. Once authenticated, the connection is secured by 3DES shared key encryption.

NIAS-enabled Probes with unique Observer encryption keys.



NIAS-enabled Observer consoles, with key to match Probe.

The NIAS works with the Network Instruments Probe family:

Software Probes

Advanced Multi-Probe
Advanced Expert Probe

Hardware Probes

1U Probe Appliance for 10/100/1000 Networks
4U Probe Appliance for 10/100 Networks
1U Full Duplex Probe Appliance for 10/100 Networks
Gigabit Probes
WAN Probes
GigaTrunk™ Probe
GigaStor™ Probe
Wireless Probe Appliance

The NIAS replaced the locally configured access control list of usernames, passwords and associated permissions. Rather than maintaining separate user accounts on each Probe, all Probes on your network can query the NIAS to authenticate users. Configure the NIAS with a manually entered list of users, or automatically populate and update the list from the local Windows system or any Active Directory server.



With the NIAS, IT Managers can grant access permissions based on group ownership or probe ownership.

With the NIAS you can:

- Authenticate users from one central location
- Eliminate the need to configure probe access locally by having a central database of user accounts
- Manage user permissions globally
- Define probe access and rights by individual user or user group
- Log all probe access activity and user history, including successful and unsuccessful login attempts
- Set packet view detail by user or user group
 - Limit captures by number of bytes
 - Set by console, probe, user or department level

Choose the most suitable authentication scheme:

- Active Directory server
- Internal NIAS authentication

TECHNICAL SPECIFICATIONS

Minimum	Pentium III 800MHz W/256MB RAM
Recommended	Pentium 1GHz W/512MB RAM

For additional technical specifications, including hardware options, please visit our website at:

www.networkinstruments.com/products

About Network Instruments

Network Instruments is the industry leading developer of distributed, user-friendly and affordable network management, analysis and troubleshooting solutions. The award-winning Observer family of products combines a comprehensive management and analysis console with high-performance remote Probes to provide integrated monitoring and management for the entire network (LAN, 802.11 a/b/g, Gigabit, WAN). All Network Instruments products are designed utilizing our Distributed Network Analysis (NI-DNA™) architecture. With NI-DNA, the Observer solution set simplifies network troubleshooting and management, optimizes network and application performance and scales to meet the needs of any organization. Founded in 1994, Network Instruments is headquartered in Minneapolis, Minnesota with offices in London, Paris, Toronto and multiple cities throughout the United States with distributors in over 50 countries. More information about the company, products, innovation, technology, NI-DNA, becoming a

partner and NI University can be found at: 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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