

One Network – Complete Control

Network Instruments solutions work together to manage performance across the entire network. Wired and wireless. Local and remote. Data and applications. Network Instruments covers it all with proven solutions that fit any network.

Observer® Console Options



Observer

Protocol Analysis, Real-Time Statistics, Trending and Network Troubleshooting

With the award-winning Observer, administrators gain critical insight to make network adjustments for improved efficiency. Capture, view and decode over 500 protocols and countless sub-protocols in real-time. Collect and store data for reporting and analysis in Network Trending. Detect network abnormalities quickly with custom Triggers and Alarms. Observer supports most network topologies, including Ethernet (10/100/1000) and Wireless (802.11a/b/g).



Expert Observer

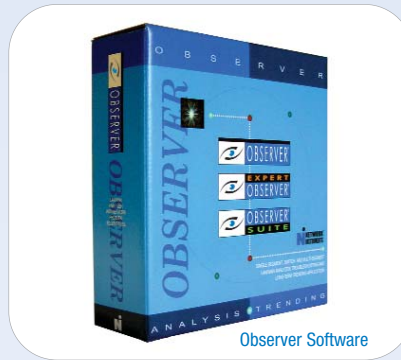
Pinpoint Difficult Problems Through Expert Analysis
Includes all of the Observer features plus a real-time Expert, event tracking and analysis. Dramatically reduce the time it takes to troubleshoot problems with over 450 real-time Expert Events. Additional features include problem summary analysis and event identification for specific TCP/UDP/ICMP, IPX/SPX, NetBIOS/NetBEUI, Wireless, LAN, WAN, SQL events. Use Expert Analysis for live-modeling, graphical connection dynamics, conversation time slice analysis, server load examination, and "What-If" modeling. Recent enhancements include the ability to monitor application transactions and an industry-first 4GB Memory Buffer to keep up with enterprise level traffic.



Observer Suite

The Most Feature-Rich Network Management and Analysis Solution

Includes all the features of Expert Observer plus: SNMP device management, RMON/HCRMON probe monitoring and a Web server/interface for remote network trending and reporting access via a browser. Long-term trending for both LAN/WAN statistics and SNMP-based devices for historical analysis and management reporting. Unique features such as the Custom Decode Kit, Switch Station Locator and complete SOAP support help make Observer Suite the most comprehensive analysis solution available.



Observer Software

Software Probe Options



Remote Probes

Remote Probes offer complete visibility into any part of your network. Software-based Probes are installed on a remote LAN (10/100/1000), WLAN (802.11a/b/g) segment or switch to collect data and report back to any Observer or RMON/HCRMON management console. Software Probes are appropriate for low utilization Gigabit networks with analysis speeds up to 1000MB via a span on a switch.

Advanced Single Probe

Transform any PC into a Powerful Remote Probe

The Advanced Single Probe can be run as an unattended service for full-time, complete Observer data collection for remote sites, local/remote segments or switches while offering full password protection of data. Use the Observer Triggers and Alarms capabilities on probe collected data to obtain immediate notification on issues located on any part of your network.

Advanced Multi-Probe

Monitor Multiple Adapters Over Multiple Topologies

Use an Advanced Multi-Probe to monitor up to 64 network interfaces, regardless of topology. Allow up to 64 users to connect to the same Probe for greater problem-solving ability. Define different degrees of probe access to maintain security of data. With many more advantages, Advanced Multi-Probes take remote network monitoring to a new level.

Hardware Probe Options



All Network Instruments Probes are available as ready-to-go turnkey, hardware systems. Choose from 1U or 4U form factors or the more portable Wireless Probe Appliance. 1U systems are slimmer and consume less rack space, while the 4U appliances offer higher port densities and multiple-topology support. Probe Appliances come pre-configured for RMON/HCRMON, Advanced Single or Advanced Multi-Probe Remote Monitoring.

Advanced Probe Appliance

Ready-to-Go, Easy-to-Install Systems

The Advanced Probe Appliance provides the enormous power and functionality of the Network Instruments Advanced Probe into a space saving, easy-to-install, rack mount system. Install these light, slim systems anywhere on your network and get full visibility from any Observer console. These 1U or 4U systems support Ethernet (10/100/1000) and come pre-configured as an RMON/HCRMON unit, Advanced Single Probe or Advanced Multi-Probe.



1U Advanced Probe Appliance



Gigabit Probes

Independent, Proven and Trusted View of Network Traffic
Hardware-based Gigabit Probes are specifically for administrators that require wire-speed, full-duplex gigabit capture. Gigabit Probes provide a direct, passive link into the data stream, resulting in an accurate view of all network traffic without disruption of the Gigabit network. Network Instruments' Gigabit Probes are available as a Probe Kit for easy installation into an existing system or as a 4U rack mount Probe appliance. Gigabit Probes can also be purchased pre-configured for HCRMON support.



4U Advanced Probe Appliance



WAN Probes

Pinpoint WAN Flow Problems Without Leaving Your Desk
Install a WAN Probe into your network for complete inline monitoring, decode and statistics for WAN traffic as well as all payload data, at links up to DS3/T3/E3 speeds reporting to any Expert Observer or Observer Suite console. Hardware-based WAN Probes are designed to passively capture WAN traffic. Network Instruments' WAN Probes are available as a Probe Kit for easy installation into an existing system or as a 4U rack mount Probe appliance

Wireless Probe Appliance

Supports 802.11a/b/g with Full Protection of Data

For more portability, choose a Network Instruments Wireless Probe Appliance that can be installed anywhere on your network. Use the Probe to monitor unused channels to protect against rogue Access Points or rogue clients. Full password protection of data ensures only authorized IT administrators have complete access to network information.



GigaTrunk™ Probe

Complete Visibility into the Core of Your Enterprise

The Network Instruments GigaTrunk Probe (GT Probe) connects into the Gigabit links that unite the main arteries of the network. By collecting data in real-time and at the individual card-level, conversations can be viewed in aggregate for a complete analysis or by conversation for detailed packet investigations. The GT Probe supports up to 4 trunks simultaneously and offers full-duplex, wire-speed gigabit capture and statistics. This 4U rack mount system is installed via an optical or copper Test Access Point (TAP) for a completely passive analysis view that will not interfere with or disrupt network traffic.



GigaTrunk Probe

All-In-One Solutions



Gigabit Observer Suite System

Wire-speed, Full-duplex (2000MB), Complete Gigabit Analysis

The Gigabit Observer Suite System combines the award-winning Observer Suite functionality with the 64-bit hardware and software required to provide wire-speed analysis in a fully ruggedized, luggable format to meet any high-end network administrators needs. This system brings the powerful Observer Suite console and full-duplex Gigabit probe into one complete solution. The GOSS is a completely passive analysis option that offers an independent view of your data flow, without disruption of the Gigabit network. The GOSS also fully supports Jumbo Frames. No additional hardware or software required.



Gigabit Observer Suite System (GOSS)



WAN Observer Suite System

Trusted, Independent Metrics for Troubleshooting, Capacity Planning, and SLA Verification

Use the WAN Observer Suite System for wire-speed analysis and monitoring of both T1/E1 or for T3/E3 and DS3 WAN links. The WOSS provides an affordable solution to monitor traffic flow, error metrics and long-term histories. Additionally, the WOSS offers a complete and independent view of your carrier's performance and gives you the ability to pinpoint WAN problems in real-time. The WOSS system provides comprehensive metrics for Service Level Agreement (SLA) verification, complete end-to-end application monitoring, long-term trending of statistics, user alarms and an Expert system to help diagnose common WAN link problems. No additional hardware or software required.

Driven by NI-DNA™

Driven by a vision of complete control to ensure network and application performance, all Network Instruments products are created using the Distributed Network Analysis (NI-DNA) architecture to provide the capabilities needed to manage complex, growing environments.

Software System Requirements

Operating Systems Supported:
Windows® 2000, XP, 2003

For hardware specifications and additional information, please visit:
www.networkinstruments.com/products

About Network Instruments:

Network Instruments is the industry leading developer of superior, 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, 802.11a/b/g, Gigabit, WAN). All Network Instruments products are designed with 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, throughout the USA and 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.

Contact Us

Corporate Headquarters:

Network Instruments, LLC
Fourth Floor
8800 West Highway Seven
Minneapolis, MN 55426
USA

toll-free: (800) 526-7919
telephone: (952) 932-9899
fax: (952) 932-9545

European Office:

Network Instruments
7 Old Yard
Rectory Lane
Brasted, Westerham
Kent TN16 1JP
United Kingdom

telephone: +44 (0) 1959-569880
fax: +44 (0) 1959-569881

info@networkinstruments.com
www.networkinstruments.com

