

One Network – Complete Control

Network Instruments' solutions work together across the entire network for comprehensive analysis. Wired and wireless. Local and remote. Data and voice. Network Instruments® covers it all with proven solutions to manage any network.



NI-DNA™

Network Instruments has a unique competitive edge in the network analyzer market with its Distributed Network Analysis (NI-DNA™) architecture. All Network Instruments products are built from a **unified code set** that ensures the user experience and product functionality are identical regardless of topology or location. Observer consoles analyze local networks and connect to distributed probes, providing both **local and remote visibility** across the entire organization. Observer's **multi-topology support** lets you manage virtually every topology and technology from the same console.

Observer® Console Options

Expert Observer

Expert Observer displays and analyzes data in real time, providing packet captures and decodes, statistics, triggers and alarms, trending and reporting, error tracking, and router usage metrics. Additionally, Expert Observer includes a real-time and post-capture Expert system, which identifies network issues and offers immediate solutions. It also includes an extended level of VoIP analysis, conversation tracking, performance predictions, application analysis, NetFlow and sFlow® data aggregation, and the ability to reconstruct and display data streams.

Observer Suite

Observer Suite provides all the functionality of Expert Observer, plus SNMP device management, RMON and HCRMON management consoles, and a built-in web reporting service. Additional features include SOAP support, a switch station locator, and automated report delivery.

Software Probe Options

Advanced Multi-Probe

The Advanced Multi-Probe reports to Observer consoles located anywhere on the network for distributed visibility, provides real-time decodes, statistics, and long-term trending. Network data is encrypted before transferred to the console, and probe access is password protected. Probes can monitor multiple networks concurrently, allow multiple administrators access for real-time collaboration from any remote location, and support the industry's largest capture buffer.

Advanced Expert Probe

The Advanced Expert Probe includes all the functionality of the Advanced Multi-Probe, plus it displays remote Expert Analysis in real time for faster troubleshooting, performs packet captures and decodes at the individual probe level, and conserves bandwidth by only transferring Expert screenshots to the console, not raw data packets.

Probe Management

Network Instruments Management Server (NIMS™)

The NIMS provides centralized management of all Observer consoles and probes. Avoid the expense and complexity of managing user access permissions, filters, and licenses on each individual probe by deploying NIMS. You can manually enter user access lists, or import them from Windows, Active Directory, or RADIUS. You can deploy a second NIMS for failover redundancy of NIMS services.

Hardware Probe Options

Probe Appliance for 10/100/1000 Networks

The Probe Appliance for 10/100/1000 networks has the option to monitor one or two links. This probe permits multiple sessions by users, includes user-based access permissions, and offers options to perform real-time Expert processing at the probe to speed troubleshooting and conserve bandwidth.

Multi-Port Probe Appliance for 10/100 Networks

The Multi-Port Probe Appliance for 10/100 networks monitors four Fast Ethernet links simultaneously, speeds problem solving with its multi-session support and Expert analysis, performs packet decodes at the individual probe level to conserve bandwidth, and includes user-based access permissions.

Gigabit Probe Appliance

This rack-mountable 4U unit monitors up to four full-duplex gigabit links at wire speed. Analyze individual or trunked links, perform real-time Expert processing at the probe to speed troubleshooting and conserve bandwidth.

GigaStor™

The GigaStor is a rack-mountable unit designed to capture hours, days, even weeks worth of full-duplex traffic at gigabit line rate for data mining. Go back in time and isolate issues down to the nanosecond with a simple time-based navigation interface and reconstruct captured data (web pages, e-mails, phone conversations, instant messages). The GigaStor also allows for multiple sessions by users and individual levels of probe access.

- Available in 4 TB, 8 TB, and 12 TB configurations, or offload to a SAN
- The GigaStor can be configured to monitor full-duplex gigabit, 10 GbE, wide area networks, or fibre channel

WAN Probe Appliance

The WAN Probe Appliance monitors all header and payload data on serial and digital WAN links. Monitor up to 16 links individually or in aggregate, obtain metrics in real time, and solve issues immediately with a comprehensive Expert system. This probe also displays DCE/DTE traffic individually or in aggregate, shows CIR to compare with SLA (Service Level Agreement), and tracks conversation through up to 10 segments or hops.

Fibre Channel Probe Appliance

The 64-bit Fibre Channel Appliance with an industry leading 124 GB buffer ensures comprehensive, wire-speed monitoring and analysis of Fibre Channel links. With over 30 Fibre Channel statistics and comprehensive real-time Experts, the appliance easily manages, troubleshoots, and reports SAN issues and activities.

10 GbE Probe Appliance

The 10 GbE Probe Appliance provides sustained 10 GbE full-duplex capture, monitoring, and analysis at line rate. Easily monitor and manage 10 GbE networks with over 30 real-time statistics, set alarms to proactively notify on potential problems, and gather long-term trending and reporting.

Field Service Solutions

Gigabit Observer Suite System

The Gigabit Observer Suite System is a portable device that contains all the hardware and software required to troubleshoot and manage the most advanced full-duplex gigabit and 10 GbE networks in real time. For gigabit links, switch easily between monitoring copper and optical links, and monitor up to eight ports for any combination of SPAN sessions, full-duplex links, and trunked connections.

WAN Observer Suite System

The WAN Observer Suite System is a portable system that contains all the hardware and software required to monitor and troubleshoot multiple serial and digital WAN links. Obtain metrics in real time and solve issues immediately with a comprehensive Expert system. This probe also displays DCE/DTE traffic individually or in aggregate, shows CIR to compare with SLA, and tracks conversations through up to 10 segments or hops.

Fibre Channel Observer Suite System

The Fibre Channel Observer Suite System is a rugged, portable unit containing all the hardware and software required to provide comprehensive, in-the-field SAN analysis. With a developed Expert system and independent look at Fibre Channel data flow, the solution is the only portable device to solve wire-speed, full duplex Fibre Channel problems in real time.



Field Service Solution



10/100/1000 Probe Appliance



GigaStor Probe Appliance

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.

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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