

GigaTrunk™ Probe

Advanced Multi-Probe for Gigabit Trunking

Complete Insight and Visibility at the Core of Your Enterprise

As today's enterprise networks grow, so does the demand for bandwidth and reliability. More and more network administrators utilize trunking for creating multi-gigabit pipes to aggregate data through the highest traffic areas of the network – the core. This aggregation helps insure response times by allowing scalable throughput and provides complete redundancy should an individual link fail. Today, IT professionals require powerful, scalable solutions that help guarantee the availability of business-critical applications and infrastructure. Network Instruments' GigaTrunk Probe (GT Probe) provides the visibility you need to manage the core of the enterprise.



Insight

Obtain powerful visibility and performance optimization for the enterprise core from any location

Knowledge

Watch vital network statistics on crucial trunked gigabit Ethernet switches and links

Problem Resolution

Troubleshoot the trunk in aggregate or at the conversation level

Stability

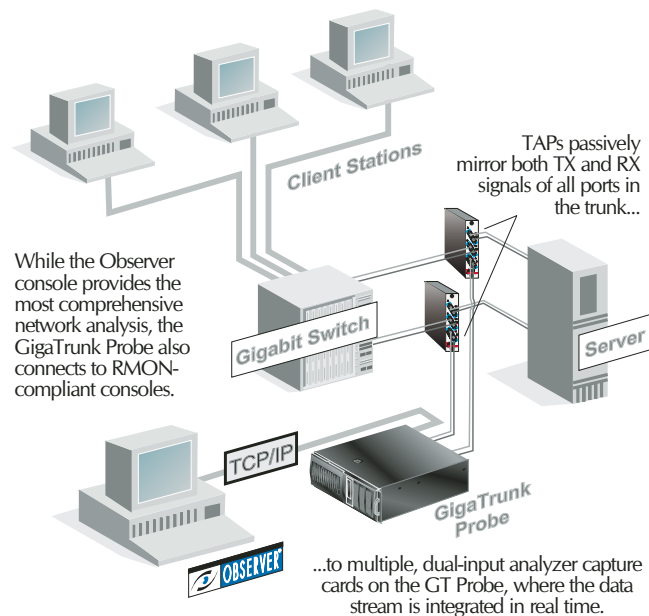
Monitor and analyze load-balanced traffic for greater efficiency

Scalability

Purchase only the interfaces needed today - add components as desired tomorrow

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.



The GT Probe collects data from the trunked gigabit links that function as the main arteries of the network. Through the installation of an optical or copper Test Access Point (TAP), the GT Probe gathers data and does not interfere with or disrupt network traffic. By collecting data both in real-time and at the individual link level, conversations can be viewed in aggregate for a complete analysis or by conversation for detailed packet investigations.

Proven Analysis Metrics

Real-Time Statistics such as Network Summary, Total and Trunk Individual Link Bandwidth Utilization, Top Talkers, Switch Statistics and more

Packet Capture and Decode options such as Nanosecond Resolution, a 4GB Memory Buffer, over 500 protocols decoded and more

Network Trending and Reporting features such as Network Trending Dashboard Display, Efficiency History, Comparison Analysis Reports and more

GigaTrunk Probe Features

- Monitor up to 4 full-duplex gigabit links simultaneously
- Insert and remove the GT Probe without disruption of the gigabit network
- Capture and analyze load balanced trunk traffic by conversation and by packet
- Obtain full duplex, wire-speed gigabit capture and statistics
- Utilize the largest memory buffer (4GB) in the industry for capturing large amounts of data without packet loss
- Acquire link bandwidth utilization rates independently or in aggregate
- Watch packet flow with directional and trunk indicators
- Review statistics and perform packet captures and decodes that adhere to RMON1/RMON2 and HCRMON standards
- Ensure accurate captures on fully saturated networks with 64-bit, 66 MHz gigabit Ethernet cards engineered by Network Instruments

Utilize with Expert Observer or Observer Suite

The GT Probe works exclusively with the award-winning Expert Observer or Observer Suite console to provide the best in packet capture, decode, real-time statistics, expert analysis, network trending and network reporting. Observer features include:

- Nanosecond resolution for enterprise-level networks
- Unlimited filtering options including Boolean logic
- Over 500 protocols and countless sub-protocols decoded
- Over 450 Expert Events to speed troubleshooting
- Triggers and Alarms for immediate alerts on network activities or errors
- Application Analysis statistics including response time and total/failed transactions for common applications such as SQL, MS Exchange, Oracle, VoIP, DNS and more

Technical Specifications

Platform	4U Rack Mount Probe
System Specs	A complete system, running Windows XP Includes 10/100/1000 Ethernet Management Port Available with up to four gigabit Ethernet links 100% line rate capture Utilizes 64-bit, 66 MHz, Gigabit Ethernet NICs

10 Years of Delivering Network Visibility



In 1994, Network Instruments began with a vision - to bring innovative network management products, service and insight to IT professionals across the globe. After a decade of delivering award-winning products, we've upheld that vision - but there's more to come. Thanks to our employees, customers, partners and worldwide distributors for ten wonderful years. We're not done yet. Keep your eye on Network Instruments as we continue to bring market-leading innovation, product enhancements and cutting-edge development to prepare you for the network challenges of tomorrow. For more information please visit www.networkinstruments.com/10years.

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, 802.11 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, throughout the USA and distributors in 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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