



Quickly isolate the problem and end the finger-pointing.

Network engineers are increasingly held accountable for the performance of applications running over their network. Yet, with the growing complexity surrounding today's corporate networks, it is more challenging than ever to obtain insight into problems after they occur. Engineers have more tasks than time in the day to perform them, and trying to identify the source of network problems can often result in finger-pointing between departments without clear answers.

Retrospective network analysis (RNA), provided by the GigaStor Portable, eliminates the finger-pointing between the application and network IT teams by providing engineers with a detailed packet-level view before, during, and after a problem occurs. The first mobile RNA solution, GigaStor Portable can be quickly and easily deployed to any network location and store days of packet-level data. Using a unique time-based navigation utility, the appliance provides onsite Expert analysis to quickly drill-down on an issue, isolate the source, and resolve the problem.

24x7 Network Visibility for:

- Troubleshooting intermittent performance issues
- Investigating government compliance issues and violations
- Providing high network availability to improve business functions
- Ensuring successful rollout of new applications, such as VoIP
- Enforcing internal HR policies
- Tracking security breaches

GigaStor Portable Advantages

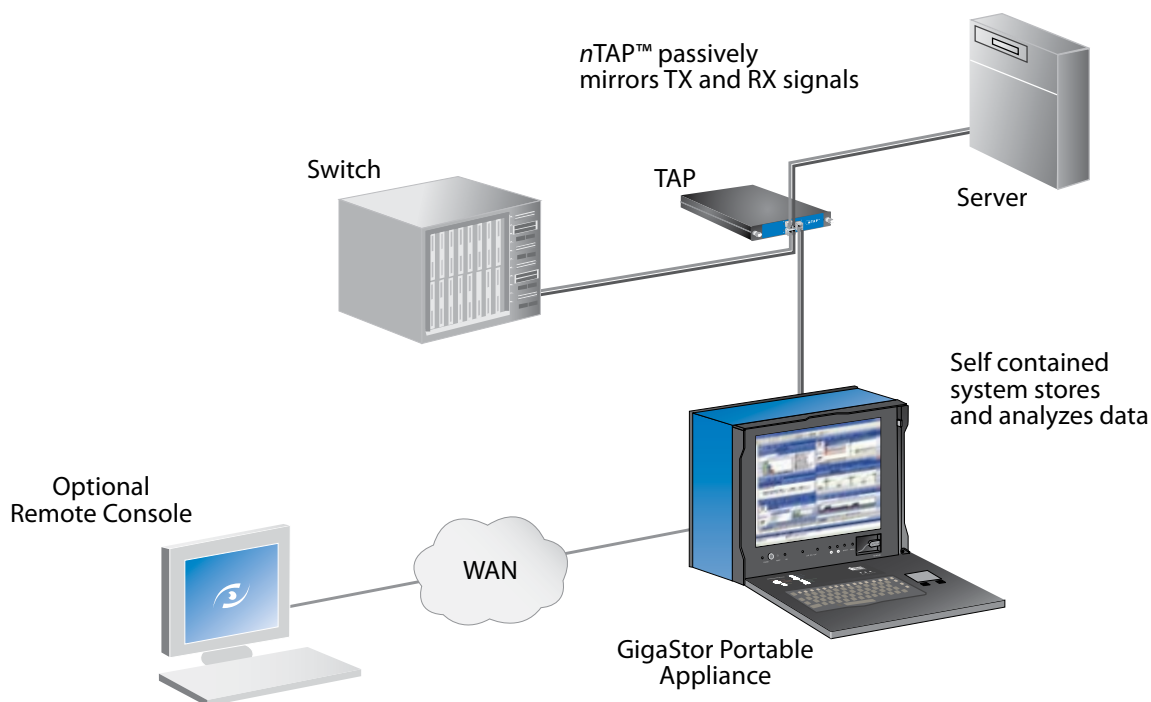
Self-contained appliance for performing retrospective analysis

- Capture hours and days worth of packet-level data
- Isolate network issues quickly with a unique time-based navigation utility
- Reconstruct data-streams to review web pages visited, VoIP conversations, instant messages, and e-mails
- Includes in-depth VoIP analysis with over 70 metrics to track call quality

Built for Mobile Network Analysis

- Available for all common network topologies, including gigabit, 10 GbE, WAN, and Fibre Channel
- Perform analysis on the system, eliminating need to transfer data to a console
- 2 TB total storage
- Fully loaded, the GigaStor Portable weighs 25 lbs (11.3 kg)
- With ATA hard-sided case, the GigaStor Portable weighs less than 50 lbs (22.7 kg)

The GigaStor Portable is ideal for data mining, data retention compliance, and capturing network anomalies.



Mobile Network Forensics

GigaStor Portable is the only mobile solution that provides retrospective and real-time network analysis for troubleshooting and performing investigations at remote locations.

High Performance

- Monitors full-duplex links independently or in aggregate (gigabit configuration only)
- Localizes processing and decoding to minimize network overhead

Troubleshooting Power

- Complete, self-contained system for collecting, analyzing, and displaying all network data
- Optionally, any Observer® Expert or Observer Suite console on the network can access the captured network data for analysis
- Multiple users can connect into and analyze the same data independently



GigaStor Portable

Network Forensics

For enterprise administrators concerned with network forensics, compliance, and security, GigaStor Portable can take captured traffic and recreate the communication in an easy-to-read format.

- Rebuild web pages (including images)
- Reconstruct e-mails and instant messaging communication
- Replay VoIP calls

This hard evidence on network activity can help maintain corporate Internet usage policies, assist law enforcement, and contribute in compliance enforcement and investigations.

Real-Time Observer Expert Analysis

The GigaStor Portable includes the award-winning Observer Expert console to provide the most comprehensive packet capture, decode, real-time statistics, expert analysis, network trending, and network reporting in the industry.

Observer Expert features include:

- Nanosecond resolution for enterprise-level networks
- Graphical filter rule editor for easily creating complex filters
- Over 550 protocols and countless sub-protocols decoded
- Over 570 Expert events to speed troubleshooting
- MultiHop analysis tracks conversations through up to 10 network segments showing packet loss along the way
- Application Analysis statistics, including response time and total/failed transactions for common applications such as SQL, MS Exchange, Oracle, Citrix, VoIP, and DNS
- Triggers and Alarms for immediate alerts on activities or errors

Base GigaStor Portable Technical Specifications

Platform Luggable, all-in-one unit

Console Includes Expert Observer and GigaStor Probe software. Can also connect to any copy of Expert Observer or Observer Suite located on the network.

System Specs 10/100/1000 Ethernet management port, All required cabling, Optical or copper nTAPs (depending on configuration selected), Dual-processor Windows XP Pro x64 system, DVD+/CD-RW drive, 2 TB total storage at RAID 0, 2 (1 TB) HDs, 7200 RPM, Built-in display, keyboard, and trackpad, ATA hard-sided travel case

Components Based on Configuration Selected

GOSS (Gigabit) Custom-designed Gen2™ Gigabit Capture Card, 2 GB RAM

GOSS (10 GbE) Custom-designed Gen2 Gigabit Capture Card, 8 GB RAM (4 GB Buffer)

FOSS (Fibre Channel) Custom-designed Gen2 Gigabit Capture Card, 2GB RAM

WOSS (WAN) Custom-designed WAN adapter, 2 GB RAM

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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