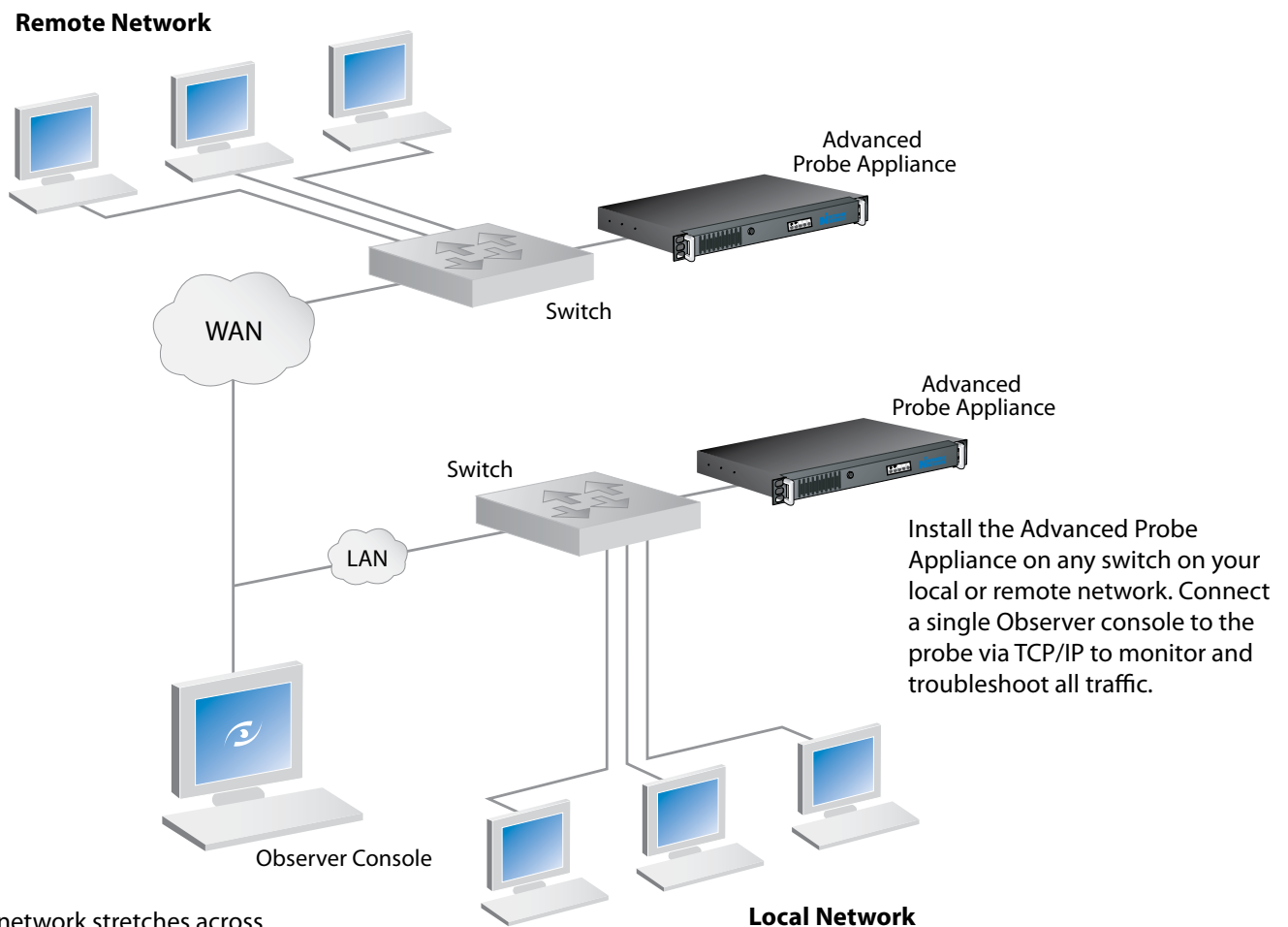# Advanced Probe Appliance

For 10/100/1000 Networks

Obtain Total Network Intelligence with Fully Configured, Turn-Key Appliances

As corporate networks continue to grow to support multiple departments, locations, business functions and remote users, robust remote monitoring solutions become crucial. Remote probes have changed the way IT departments are structured. Today, with a console and remote probes, an IT manager can proactively monitor, troubleshoot and respond to any network problem from any location. Network Instruments' probes offer complete insight and visibility into every part of an organization's business-critical IT infrastructure. Choose from a variety of pre-configured 1U rack mount systems for an easy, cost-effective way to monitor any part of the network.

Use the Advanced Probe Appliance for real-time monitoring and troubleshooting:
- Capture and decode packets for in-depth analysis
- Collect long-term trending statistics for proactive decision making
- Run Triggers and Alarms for instant alerts on probe-collected data
- Monitor the entire network from a single user interface—only one console needed to view multiple probes
- Reduce expenses by eliminating travel and resolving multiple, remote network issues from one location
- Reduce training by using one solution to monitor all topologies and network configurations
- Works with Observer®, Expert Observer, or Observer Suite consoles

Remote Network

Advanced Probe Appliance

Switch

WAN

Advanced Probe Appliance

Switch

LAN

Install the Advanced Probe Appliance on any switch on your local or remote network. Connect a single Observer console to the probe via TCP/IP to monitor and troubleshoot all traffic.

Observer Console

Local Network

Whether your network stretches across the building or across the globe, Network Instruments' probe appliances have it covered.

Software Options

The Advanced Probe Appliance can be configured with one of the following software options:

Advanced Single Probe
- Packet capture and decode
- Network statistics
- Real-time data collection
- Long-term trending and reporting
- Full password protection of data and redirection
- Automatic updates of remote probes

The Advanced Single Probe reports to any Observer, Expert Observer, or Observer Suite console.

Advanced Multi-Probe
The Advanced Multi-Probe offers all the features of the Advanced Single Probe plus additional advantages for remote monitoring:
- Initiate up to 64 sessions for a multi-faceted view of data flow
- Multiple Observer consoles can view the same probe at the same time for greater problem solving abilities
- 3DES encryption option for data transfer
- Set unique levels of probe access for added security

The Advanced Multi-Probe reports to any Expert Observer or Observer Suite console.

Advanced Expert Probe
The Advanced Expert Probe offers all the features of the Advanced Multi-Probe plus additional advantages for faster troubleshooting:
- Perform real-time Expert Analysis locally at the probe – no need to transfer captured data back to the console
- View remote packet decodes in real time from any console
- Collect NetFlow and sFlow® data
- Turn any probe into a local console for onsite analysis and administration

The Advanced Expert Probe reports to any Expert Observer or Observer Suite console.

License any Advanced Probe as an RMON probe:
- Full adherence to RMON1/2, and High Capacity RMON (HCRMON) standards
- Reports to any RMON management console or collection facility (Observer Suite, OpenView, Concord, NetScout, IBM/Micromuse, BMC Dashboard Patrol, etc.)

Hardware Options

The Advanced Probe Appliance is available in four hardware configurations:

Single-Port Copper
Equipped with a single 10/100/1000 copper interface

Single-Port Fiber
Equipped with a single gigabit fiber interface

Dual-Port Copper
Equipped with two 10/100/1000 copper interfaces

Dual-Port Fiber
Equipped with two gigabit fiber interfaces

Observer Suite Main Console

Technical Specifications
Platform 1U rack mount, Weight: 18 lbs, Depth: 15 in. (39 cm)
System Specs A complete system, running Windows XP, Includes one copper or fiber 10/100/1000 Ethernet monitoring port (or two ports with the dual-port option). Includes one out-of-band Ethernet management port.

For additional technical specifications, please visit our web site at:
www.networkinstruments.com

Corporate Headquarters
Network Instruments, LLC • 10701 Red Circle Drive • Minnetonka, MN 55343 • USA
toll free (800) 526-7919 • telephone (952) 358-3800 • fax (952) 358-3801
www.networkinstruments.com

European Headquarters
Network Instruments • 7 Old Yard • Rectory Lane • Brasted, Westerham • Kent TN16 1JP • United Kingdom
telephone + 44 (0) 1959 569880 • fax + 44 (0) 1959 569881
www.networkinstruments.co.uk

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