1 Report Scheduler

Select a time and day to have Observer automatically generate and deliver reports to any folder or email box. Email recipients do not have to be Observer users. The Report Scheduler offers a quick and easy way to update key individuals on network health, bandwidth utilization, top talkers, traffic statistics and more to Observer and non-Observer users alike.

## 2 Scheduling of Packet Captures

Choose to automatically start a packet capture any time a probe is engaged or select a specific time of day and/or day of week to schedule routine captures. Pre-programming packet capture times can assist in solving recurring network issues or more elusive network problems.

3 Monitor for Network Delay

For a deeper understanding of network performance, Observer's Expert Analysis now reports Network Delay as a separate metric. Network delay provides an indication of the actual time spent on the wire from point A to point B, independent of client or server delay. Measuring network delay helps determine what portion of total delay is due specifically to the network and not resulting from operating systems or individual applications.

4 Advanced Expert Probe

Observer 10.1 extends the capabilities of the Advanced Expert Probe even further. Now administrators can perform Expert Analysis in real-time and post-capture at the probe level. With the ability to capture, decode, load, save and analyze data, you can perform remote Expert Analysis faster and more efficiently than before. Only screen updates are transferred to the local Observer console. Just as Observer offers the ability to review remote trending files locally, that capability is now available with remote buffer files.
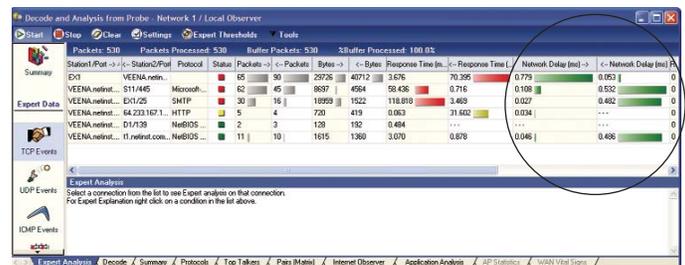
5 Packet Capture Security Additions

IT Managers now have the ability to control the amount of information visible per packet across the organization. Why is this important? For outside consultants, contract employees and groups not authorized to review sensitive or confidential information, sometimes administrators only need to review the packet header to resolve network issues. Observer has always offered packet-slicing abilities, but now this feature can be password protected and rights may be limited up to an individual user, department or organization manageable within the Observer interface or through the Network Instruments Authentication Server (NIAS™).

6 More Wireless Expert Items

Observer continues to lead the industry as the most comprehensive wired/wireless analyzer for LAN, 802.11a/b/g, WAN and Gigabit networks. Observer 10.1 adds numerous Wireless Expert Conditions including:
- APs with mutual interference
- Ad-Hoc node using APs SSID
- DOS: RF Jamming Attack (Alarm Only)
- DOS Association Flood Attack by AP or station

7 Sniffer Wireless Application Support

Observer now supports wireless formatted buffers created by 3rd party companies, including Network General's Sniffer.

8 New Decodes

Observer's decode list is constantly updated. Observer 10.1 adds more to the decode list, including FIX Financial Info Exchange, applicable to financial and banking industries) and expanded decodes for Secure Socket Layer (SSL).

9 SNMP MIB Compiler

Observer 10.1 adds a wizard interface for compiling MIBs as well as the ability to automatically resolve MIB/source dependencies.