

# OneTouch™ Reporter Software



## Introducing Fluke Networks OneTouch Reporter Software

Now there's an easy way to create baseline reports that will help you make informed decisions about your network. OneTouch Reporter Software works with the Fluke Networks OneTouch Series II Version 3.0 Network Assistant to quickly generate baseline reports that reflect your network's status. Simply link the OneTouch Reporter Software to the IP address of the OneTouch Network Assistant that you want to use to generate reports.

### Baseline report samples

#### Inventory Reports for IP or NetBIOS

list the active device running the protocol. These reports list the MAC addresses, IP addresses and the DNS names or NetBIOS names of the stations. They also list the services the stations provide, such as DNS, DHCP, and SNMP in the case of IP stations, and Primary Domain Control or Master Browser for NetBIOS. These reports provide unparalleled benefits when trying to understand the stations on a network segment and the services and protocol these stations provide.

**Fluke Networks OneTouch Reporter Software gives you the data you need to make informed decisions about your network.**

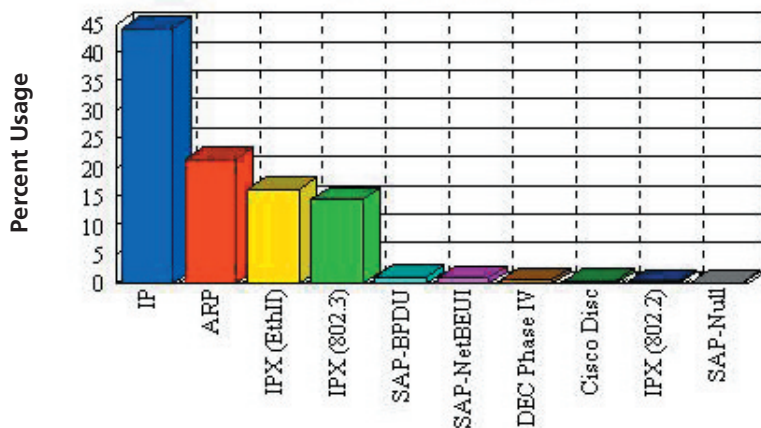
- Initiates OneTouch tests remotely
- Controls test duration
- Generates test reports in HTML format such as:
  - IP Inventory reports on devices including IP Address, MAC Address, and Domain Name
  - NetBIOS Inventory report on devices including IP Address, MAC Address, and Domain Name
  - Ethernet Collision Summary trend graph including Ethernet Traffic
  - Ethernet Network Usage trend graph including Average Network Bandwidth Consumption, Average Frame Rate and Average Frame size
  - Distribution of protocol present by frame count graph, and usage
  - Ethernet Network Segment Errors trend graph; including Collisions, Bad FCS, Jabbers, Short Frames
  - Top Network Traffic Senders, Receivers and Broadcasters

### Baseline information is key to consistent network performance

As a network manager, if you don't know what constitutes normal operation for your network, how will you know when minor irregularities signify major problems to come? The best way to define "normal" operation for your network is to collect and plot statistical data about the network. This data, which is often called a baseline report, should include a breakdown of network activity, as well as profile statistics about the network users. Once you establish a reference point for "normal" operation, you can regularly monitor the network and compare the results against the reference point to analyze trends and spot any significant deviations. The baseline report is also valuable during troubleshooting because it quickly isolates the "change" that has occurred to cause the problem.

***Provides network performance reports of local network segments.***

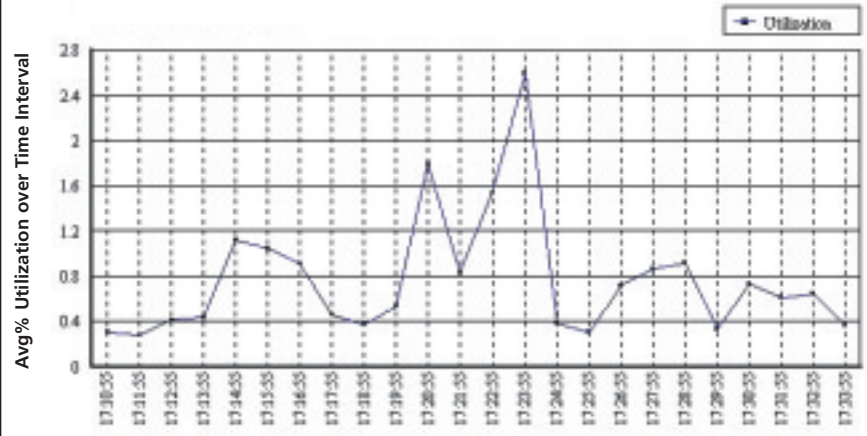
### Top Protocols



OneTouch Power-On: 3:41:24 PM 2/3/00		Sampled Frames: 56726
Protocol	Usage	Frames
ARP	54.8%	31113
IP	22.3%	12664
IPX 802.3	11.0%	6223
Spanning Tree	3.3%	1896
Other	2.5%	1445
DEC Phase IV	2.2%	1234
NetBEUI	1.6%	880
Cisco Discovery	0.8%	442
IPX EthII	0.5%	276
IPX 802.2	0.5%	272
IPX SNAP	0.5%	268
DEC MOP	0.0%	13

**Protocol Mix** reports captures the protocol present on the network segment. The bar graph in the report shows the ranking of each protocol by frame count. The report further lists the percent usage for each protocol.

### Ethernet Utilization



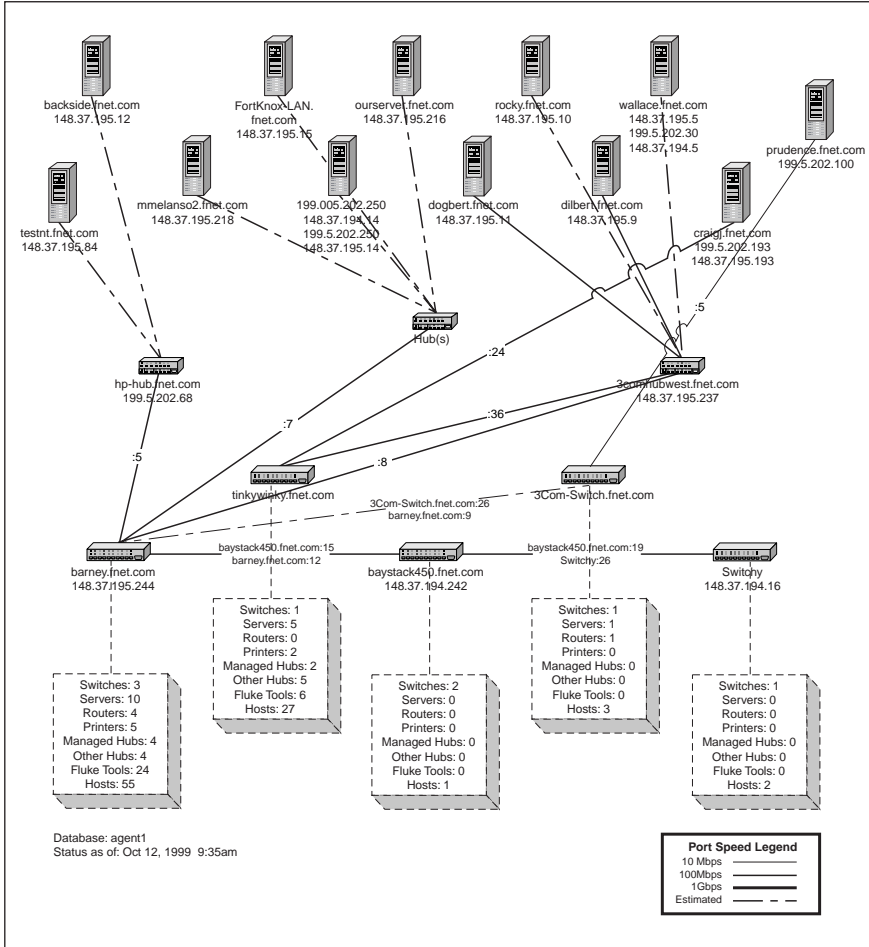
**Ethernet Network Usage** lists the average network utilization over time intervals. The charts in the report depict trending data by average utilization over trend intervals.

### Network Inspector, OneTouch Option

The OneTouch Reporter is a standard feature in Fluke Networks' Network Inspector Software, OneTouch Option. Designed for Ethernet LANs, the Windows-based Network Inspector actively monitors and diagnoses problems in TCP/IP, IPX®, and NetBIOS® environments. Network Inspector:

- Quickly discovers active network devices with minimum configuration and no training.
- Monitors and trends utilization, errors, broadcasts, and collisions on all managed device ports. Enables user to view the data in one-hour or 24-hour windows.
- Detects device interface configuration including speed, type, MTU, slot and port.
- Logs error and change events on network devices continuously.
- Provides problem notification via email or pager.
- Generates web-based network inventory reports on devices and most heavily used switch and router ports.
- Allows use of Visio to automatically draw network infrastructure maps—including device connections on a port-to-port basis.
- Includes unique Trace SwitchRoute™ tool.

## Server Connections in a Switched Network



Sample Visio Diagram: Server connections in a switched network.

## System Requirements

### Computer Requirements:

- Windows® 98, Windows® 2000, or Windows NT® 4.0, Service Pack 3 or higher (English, Japanese, and German versions supported)
- Microsoft TCP/IP stack
- 200 MHz Pentium II processor
- 64 MB RAM
- 150 MB virtual memory
- 100 MB hard disk space

### OneTouch Requirements

- OneTouch Series II Network Assistant

## Ordering Information

Model	Description
1T-RPT	OneTouch Series II Reporter Software Package
NIS-1TS2	Network Inspector, Unlimited nodes, OneTouch Series II Network Assistant Option

## NETWORK SUPERVISION

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