



LANMeter® Reporter Software



activate the LANMeter's WebRemote Control Agent. The Windows-based LANMeter Reporter software, which can run on a separate segment, will take control of the LANMeter and generate the desired report in html format.

Provides baseline reports of remote network segments

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.

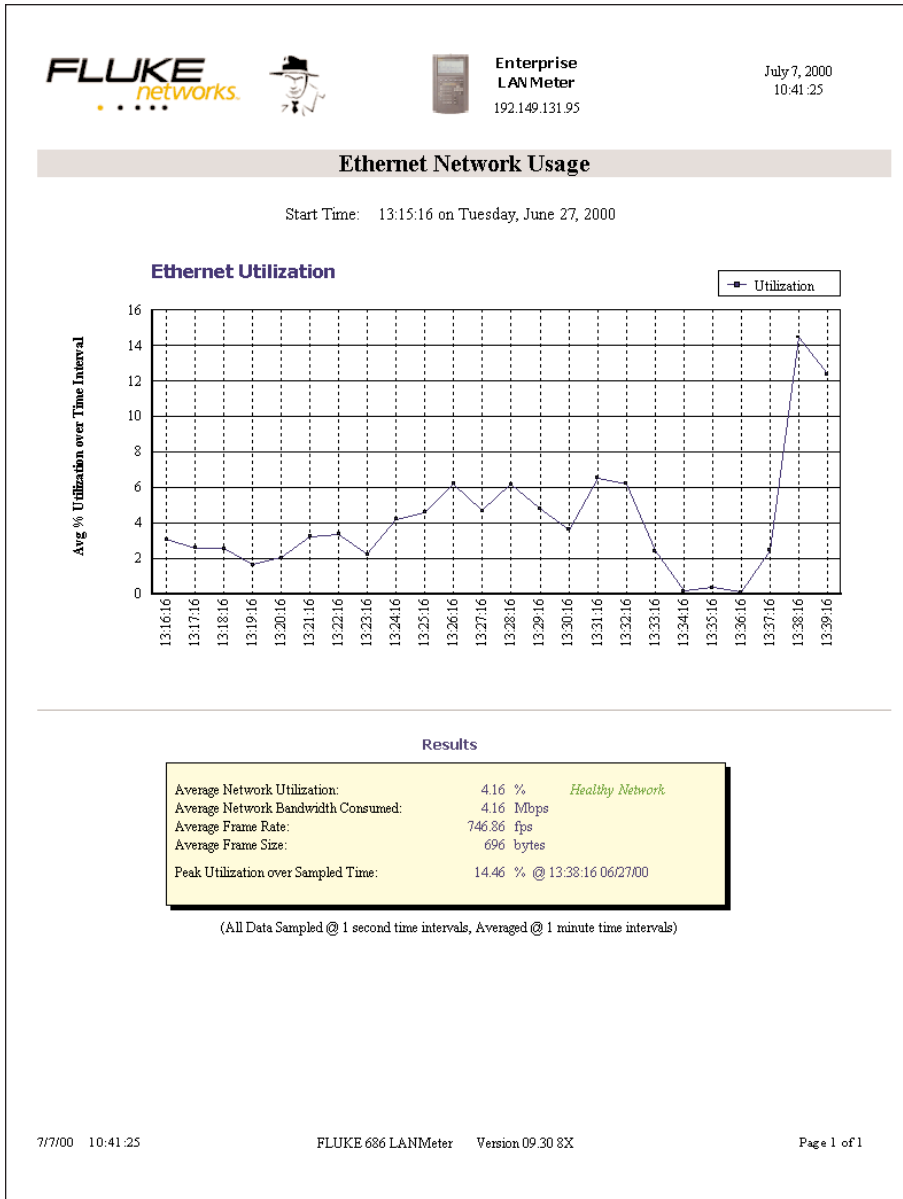
Introducing Fluke Networks LANMeter Reporter Software.

Now there's an easy way to create baseline reports that will help you make informed decisions about your network. Fluke Networks' new LANMeter Reporter Software works with Fluke Networks Enterprise LANMeter with WebRemote Control option to quickly generate baseline reports that reflect your network's status. Simply connect the Enterprise LANMeter to the Token Ring or Ethernet segment you want to generate a baseline report for and

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

- Remotely configures and initiates tests on Fluke Networks Ethernet or Token Ring LANMeter over the network.
- Uses the latest data collected from LANMeter to generate reports.
- Generates web-based summary reports such as:
 - IP Inventory reports on devices including DNS names, IP Address and MAC Address.
 - NetBIOS Inventory reports on devices including NetBIOS Names, MAC Address and Domain.
 - Network Segment Bandwidth usage trend graph.
 - Distribution of protocols present by frame count, and the source MAC address of senders.
 - Ethernet Network Segment Errors; including Collisions, Bad FCS, Jabbers, Short Frames.
 - Token Ring Network Errors; Beacons, Purges, and Bursts.
 - Top Network Traffic Senders, Receivers and Broadcasters

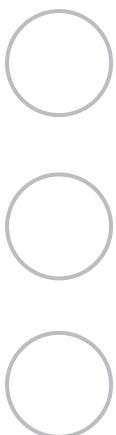
Get a clear view of network performance, and catch problems before they happen.



Baseline report samples

Network and Error Usage Reports provide information about the performance of your network. "Normal" operation of your network will be automatically compared to guideline values to provide a network health assessment.

Ethernet Network Usage Report





Enterprise
LAN Meter
192.149.131.95

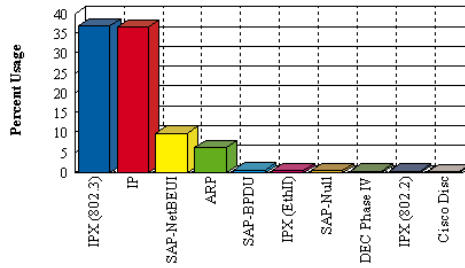
July 7, 2000
10:34:01

Protocol Mix

Sampled Frames: 219119
Percent of Total: 74.4%

Protocol	Usage	Frames
IPX (802.3)	36.9%	80873
IP	36.8%	80550
SAP-NetBEUI	9.9%	21657
ARP	6.2%	13639
SAP-BPDU	0.6%	1392
IPX (EthII)	0.5%	1204
SAP-Null	0.5%	1009
DEC Phase IV	0.4%	900
IPX (802.2)	0.3%	706
Cisco Disc	0.2%	415

Top Protocols



Protocol Mix reports show the protocols 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 MAC addresses and symbolic names of stations using each protocol. Unexpected or unwanted protocols are easy to identify.

Protocol Usage By Host

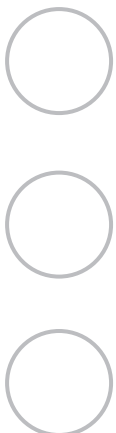
Protocol/Host:	MAC Address	Protocol	Protocol Value	Usage	Frame Count
Protocol: AppleTalk					
simpson-330-pr	Canon-2ac5fb	AppleTalk	809B	0.0%	55
Protocol: ARP					
010.100.101.001	FLUKE-00b029	ARP	0806	0.0%	12
192.149.131.002	FLUKE-31105d	ARP	0806	0.7%	1573
192.149.131.031	Apple-4009da	ARP	0806	0.0%	3
192.149.131.045	FLUKE-a0008b	ARP	0806	0.1%	271
192.149.131.048	FLUKE-a0002d	ARP	0806	0.1%	311
192.149.131.059	FLUKE-860044	ARP	0806	0.0%	5
192.149.131.060	FLUKE-3123be	ARP	0806	0.0%	2
192.149.131.066	FLUKE-313398	ARP	0806	0.4%	799
192.149.131.068	FLUKE-311f61	ARP	0806	0.6%	1293
192.149.131.070	FLUKE-860035	ARP	0806	0.0%	5
192.149.131.073	FLUKE-860027	ARP	0806	0.0%	6
192.149.131.082	FLUKE-a00026	ARP	0806	0.0%	19
192.149.131.086	FLUKE-a00033	ARP	0806	0.0%	22
192.149.131.092	FLUKE-a00073	ARP	0806	0.5%	1060
192.149.131.096	FLUKE-3123b7	ARP	0806	0.6%	1376
192.149.132.032	HP-5ca1e4	ARP	0806	0.0%	4
192.149.132.069	HP-2557ba	ARP	0806	0.0%	4
192.149.132.221	FLUKE-950006	ARP	0806	0.0%	7
192.149.138.002	CISCO-92555d	ARP	0806	0.0%	6
192.149.138.118	FLUKE-910005	ARP	0806	0.0%	17
192.149.138.157	FLUKE-3123b6	ARP	0806	0.8%	1681
192.149.138.159	FLUKE-940000	ARP	0806	0.0%	16

7/7/00 10:34:01
















FLUKE 686 LANMeter Version 09.30 8X

Page 1 of 9

Protocol Mix Report

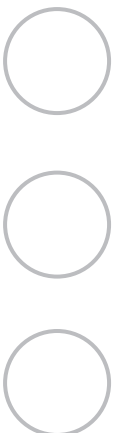




FLUKE networks.			 Enterprise LAN Meter 192.149.131.95	July 7, 2000 10:16:38			
IP Inventory							
Subnet/Name	MAC Address	IP Address	Subnet Mask	SNMP	IP Services		
					DNS	WINS	DHCP
Sub net: 010.100.101.000							
010.100.101.001	FLUKE-00b029	010.100.101.001	255.255.255.000	✓			
Sub net: 133.106.111.000							
199.005.202.076	HP-94aa86	199.005.202.076	255.255.255.000				
 goofy.fishnet.com	CISCO-76d324	133.106.111.075					
<i>IP Services: RIP Router, Static Routes, RIP Default Route</i>							
simpson-4000-a	HP-988c22	133.106.111.026					
Sub net: 192.149.131.000							
 192.149.131.002	FLUKE-31105d	192.149.131.002	255.255.255.000	✓			
192.149.131.031	Apple-4009da	192.149.131.031					
192.149.131.033	Socket-00b0b3	192.149.131.033					
192.149.131.045	FLUKE-a0008b	192.149.131.045					
192.149.131.048	FLUKE-a0002d	192.149.131.048					
 192.149.131.059	FLUKE-860044	192.149.131.059					
 192.149.131.060	FLUKE-3123be	192.149.131.060					
 192.149.131.066	FLUKE-313398	192.149.131.066		✓			
 192.149.131.068	FLUKE-311f61	192.149.131.068					
 192.149.131.070	FLUKE-860035	192.149.131.070					
 192.149.131.073	FLUKE-860027	192.149.131.073					
192.149.131.077	FLUKE-0e50e5	192.149.131.077					
192.149.131.082	FLUKE-a0002b	192.149.131.082					
192.149.131.086	FLUKE-a00033	192.149.131.086					
192.149.131.089	FLUKE-a00001	192.149.131.089					
192.149.131.092	FLUKE-a00073	192.149.131.092					
 192.149.131.096	FLUKE-3123b7	192.149.131.096					
192.149.131.255		192.149.131.255			✓		
ACTION	BBN-397841	192.149.131.056					
ACTION-IBM	IBM-52be0e	192.149.131.085					
BELL2000	3Com-2431a3	192.149.131.047					
 buggs196.fishnet.com	DEC-000104	192.149.131.249					
<i>IP Services: IRDP Router</i>							
CYCLES	3Com-ac686e	192.149.131.097					
 donald196.fishnet.com	CISCO-8c7e00	192.149.131.248		✓			
<i>IP Services: RIP Router, RIP Default Route</i>							
DRB	3Com-5f1811	192.149.131.072					
FLANDERS_BUILD_5	BBN-393a1e	192.149.131.080					
FLANDERS_FATO	BBN-39354e	192.149.131.046					
 goofy.fishnet.com	CISCO-76d324	192.149.131.001					
<i>IP Services: RIP Router, Static Routes, RIP Default Route</i>							
JOAN23	3Com-5f1635	192.149.131.093					
JONES-DELL	Dell-d158b2	192.149.131.041					
krusty195.fish	DEC-000404	192.149.131.250					
LAFAYETTE	3Com-efb59e	192.149.131.087					
MAQ	Xircom-e58597	192.149.131.032					
MESSY-IBM	INTEL-bb5409	192.149.131.076					
 micky.fishnet.com	Sun-7e9dbf	192.149.131.005			✓		
7/7/00 10:16:38	FLUKE 686 LANMeter	Version 09.30 8X					Page 1 of 4

Inventory Reports for IP or NetBIOS list the active devices running the protocol. These reports list the MAC addresses, IP addresses and the DNS names or NetBIOS names for each station. Services provided, such as DNS, DHCP, and SNMP in the case of IP stations, and Primary Domain Control or Master Browser in the case of NetBIOS, are also shown. These reports provide unparalleled benefits when trying to understand the stations on a network segment and the services and protocols these stations provide.

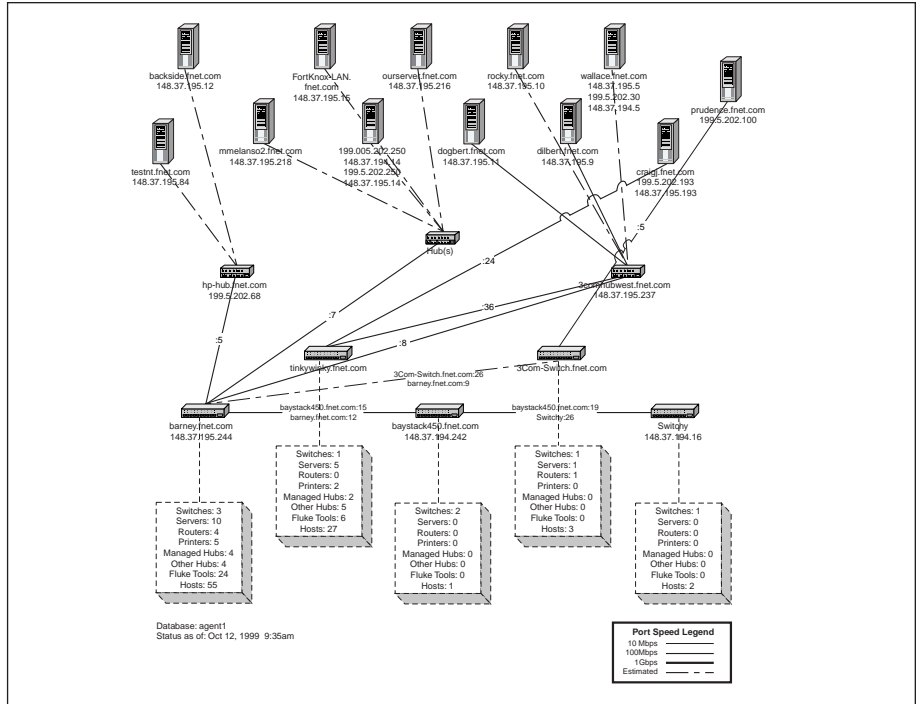
IP Inventory Report



Network Inspector™, LANMeter Edition

The LANMeter Reporter and the WebRemote Control Option for LANMeter are standard features in Fluke Networks Network Inspector Software, LANMeter Edition. Designed for Ethernet LANs, the Windows-based Network Inspector actively monitors and diagnoses problems in TCP/IP, IPX®, and NetBIOS® environments. The Network Inspector can:

- Quickly discover network devices, with minimum configuration and no training.
- Monitor and trend utilization, errors, broadcasts, and collisions on all managed device ports. The data can be viewed in one hour and twenty-four hour windows.
- Detect device interface configuration including speed, type, MTU, slot and port.
- Log error and change events on network devices continuously.
- Provide event notification via email or pager.
- Generate web-based network inventory reports on devices and most heavily used switch and router ports.
- Use Visio® to draw the network infrastructure, including device connections on a port-to-port basis.
- Show you the path through switches that two devices use to communicate with Trace SwitchRoute.



Server Connections in a switched network

System Requirements

Computer Requirements:

- Windows® 98, Windows® 2000, or Windows NT® 4.0, Service Pack 5 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
- Winsock 2

LANMeter Requirements

- Firmware version 9.19 or above
- 68X-RW WebRemote™ Option Enabled

Ordering Information

Model	Description
68X-RPT	LANMeter Reporter Software
NIS-ILM	Network Inspector, LANMeter Edition, includes <ul style="list-style-type: none"> - Single Site license, unlimited node monitoring with 1 console - LANMeter Reporter Software - 68X-RW WebRemote Control Option for Enterprise LANMeter

NETWORK SUPERVISION

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