FLUKE networks

NetTool™ Series II Inline Network Tester

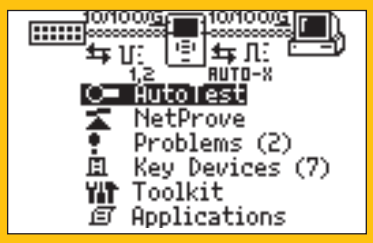
Email not responding? Who's to blame? Where to start? NetTool Series II redefines how to track down and isolate the source of connectivity problems while providing the vision you need to troubleshoot network devices.

The new Series II NetTool features NetProve™ diagnostics – this easy, one-button test proves if the network is to blame for a connectivity problem. In seconds, you can test connectivity to key devices and service ports enterprise-wide.

NetTool's inline vision provides a unique view into 10, 100 and Gigabit links to troubleshoot device problems fast. Verify compatible configurations of switches and PCs. Monitor the conversations between VoIP phones and the network, and measure call quality. Discover key devices, problems, VLANs and switch ports. Measure PoE line voltage and current and verify PoE pairs.

And if the problem is cable related, NetTool verifies wiremap and displays the distance to cabling faults. IntelliTone digital toning helps locate cables others can't, even when the cable is terminated at a switch.

All this in a handheld, portable tool built to take what you can dish out.



NetTool Series II features

- **New! NetProve diagnostics** – isolate device and application connectivity issues in seconds
- **New! IntelliTone™ digital signalling** – quickly and safely locate cables on active networks, even when terminated at a switch
- **New! Inline Gigabit** – troubleshoot Gigabit-to-the-desk deployments with dual 10, 100, and 1000 Mbps Ethernet interfaces
- **New! PoE current measurement** – view PoE current, voltage and pair information either inline or single-ended
- **VoIP Option** – monitor IP phone boot-up and VoIP conversations and measure key call quality metrics
- **PC to network connectivity** – connect inline between two network devices and see common connectivity problems like speed and duplex mismatch, link problems, and errors
- **PC's network configuration** – review servers the PC is configured to use, with services offered, name, IP address and subnet
- **VLAN, CDP, EDP, LLDP visibility** – see native and appliance VLANs and discovery protocol information
- **Spot available network resources** – see the IP address, MAC address, subnet, and services offered by active servers, routers and printers
- **Identify protocols on the PC and network** – IP, NetWare, NetBIOS, Apple, and other protocols shown to identify mismatches and unwanted protocols
- **Distinguish service at a network drop** – determine whether a drop is offering Ethernet, phone, Token Ring, or is inactive
- **Monitor network health** – see frames sent, utilization, broadcasts, errors, and collisions – for both the desktop and network conversations
- **Problems Log** – alerts you to excessive errors, duplicate IPs, unanswered DNS queries, unwanted protocols and TCP/IP connection failures
- **Perform basic cable tests** – check patch cables or installed wiring for length, shorts, split pairs, or opens, including pin-to-pin connection



Vision into network devices and application connectivity

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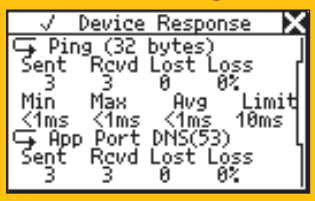
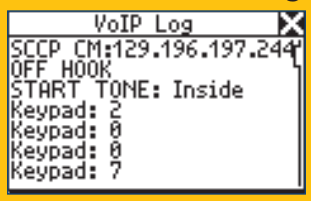
NetProve™ diagnostics

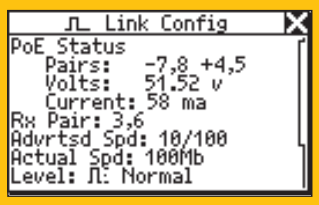


Inline vision

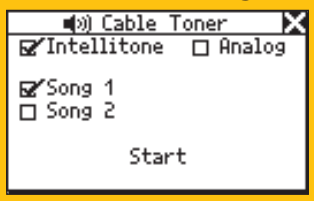
VoIP troubleshooting



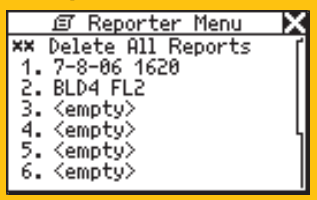
PoE measurement



IntelliTone toning



Complete documentation



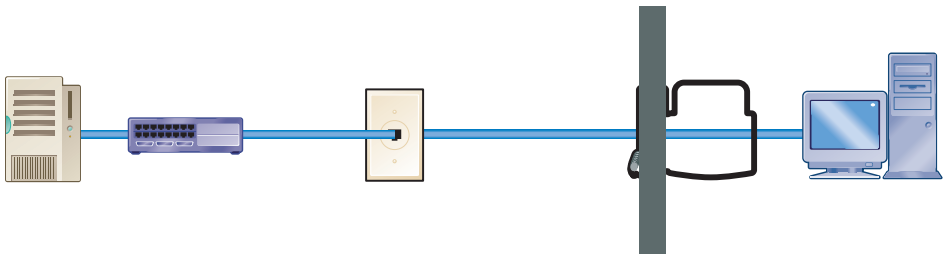
Isolate device and application connectivity issues in seconds with NetProve™

Verify, isolate, and document device and connectivity problems faster than ever before with automated NetProve diagnostics. A user calls you, blaming the network, when he is unable to send an email message. Armed with a NetTool Series II, in seconds you can prove whether the network is truly at fault by seeing connectivity to key network devices and services. If the network is at fault, NetProve will isolate the source of the problem so you can fix it fast. If it is not the network, NetProve will identify which device or application port is slow to respond so you can dispatch the appropriate resource to correct the problem. This revolutionary new way to resolve connectivity issues is at least four times faster than conventional methods, resulting in improved productivity and happier users.

And NetProve improves IT staff efficiencies through improved workflow – simply create multiple catalogs representing various segments of your network. Within minutes, you can prove connectivity with up to 100 key enterprise devices and services. Do you manage remote sites? Equip less skilled personnel at remote sites with NetTools, pre-loaded with NetProve catalogs, to shift some frontline troubleshooting responsibilities to local staff.

Inline functionality reduces troubleshooting time

NetTool Series II is the *only* handheld troubleshooting tool with inline vision into 10, 100 and Gigabit links to see the actual traffic between the network and end devices like PCs, VoIP phones, access points and security cameras. By analyzing network-device conversations, you can view detailed configuration information to troubleshoot compatibility and connectivity issues. Monitor link health and network problems, discover key devices, identify active protocols, and view segment information including VLANs and switch port.



Debug VoIP phone problems

Connect inline for visibility into real-time VoIP traffic to quickly diagnose IP phone boot-up and call

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The right tool for the job

Since no two networks are identical, we offer several models to match your individual requirements and to maximize the value of your NetTool investment. From our top-of-the-line NetTool Series II Pro VoIP to the entry-level NetTool 10/100, you will find a NetTool that fits your network troubleshooting needs and your budget.

All NetTool models feature an Autotest to troubleshoot the cabling infrastructure and to test active Ethernet networks. Features common across all models include cable testing, a problem log, protocol discovery, device and service discovery, and visibility into link configuration and health. The table at right highlights the key differences between NetTool models.

					
Feature	**Series 2 Pro VoIP**	**Series 2 Pro**	**10/100 Pro VoIP**	**10/100 Pro**	**10/100 Standard**
1000 Mbps Ethernet interface	•	•			
Inline device and traffic analysis	•	•	•	•	Option
NetProve device and application connectivity diagnostics	•	•			
VoIP testing, monitoring and troubleshooting	•	Option	•	Option	
Inline PoE voltage measurement and pair identification	•	•	•	•	Option
Inline PoE current measurement and single-ended solicitation	•	•			
IntelliTone digital cable location and isolation technology	•	•			
Comprehensive device and network reporting	•	•	•	•	
PC interface for data transfer	USB	USB	Serial	Serial	Serial
Internal NiMH battery charging	Option	Option			
Protective rubber boot with bail and ToolPak slot	•	•			

Free Personalization Option with registration

Register your NetTool tester and receive a personalization option free. Load your custom image into your NetTool to uniquely identify your tester. Also receive notification of software upgrades and product enhancements.

NETWORKSUPERVISION

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Fluke Networks operates in more than 50 countries worldwide. To find your local office contact details, go to **www.flukenetworks.com/contact**.

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