



DTX Network Service Module



Application	Benefit	Value
Service Activation Documentation	Document both cabling link certification and network availability and link connectivity test results in one consolidated report.	Provide clear evidence to your customers or end users that the job was done right – according to standards and best practices.
Link Troubleshooting	Determine whether performance problems are cabling or network-related	Cut network downtime by eliminating trial-and-error troubleshooting.
PoE Verification	Verify the presence of Power Supply Equipment on a link. Verify voltage level on the designated wire pairs.	Ensure your link is ready and safe for PoE applications, such as VoIP phones, security cameras, and wireless LAN access points.

DTX-NSM Network Service Module enables technicians to improve services offered to their customers. Following best practices in link testing, techs can now certify cabling with DTX and verify link connectivity and network service availability with DTX-NSM – and document it all in one consolidated LinkWare™ report.

DTX-NSM target users

Network technicians and contractors, who are responsible for service activation or upgrading new infrastructure, performing MACs or troubleshooting.

DTX-NSM advantage


DTX-NSM, together with DTX CableAnalyzer™, offers Fluke Networks customers a unique tool that can simplify document management by combining both cabling certification and link connectivity test results within a single consolidated report. Instead of using tools without documentation capabilities, which may not insure the customer that the work was done right, DTX and DTX-NSM provide technicians with the right tool to offer clear evidence that the job was done according to standards and best practices.

DTX Network Service Module capabilities:

- **Verify network service availability** – determine whether a telecom outlet is active, identify its data rate (10/100/1000 connection), duplex capabilities, and whether power is available for PoE.
- **Check link utilization and error conditions** – see Ethernet utilization of the link-under-test as a percentage of available bandwidth; identify broadcast traffic and the presence of network error.
- **Port identification** – blink switch/hub port light; verify if link-under-test is connected to the proper port or find out where a work area outlet is connected.
- **Verify link connectivity** to the network up to 1 Gigabit Ethernet – use the DHCP server to get an IP address, ping the default router and DNS Server at 10, 100 or 1000 Mb/s. Or you can assign IP addresses manually to ping network devices.

- **Verify PoE** – verify availability and voltage levels for links connected to power sourcing equipment to supply powered devices (PDs) for Power over Ethernet applications such as VoIP, network cameras, and wireless LAN Access Points.
- **Document** both cabling link certification and network service availability and link connectivity test results in one consolidated report using our LinkWare software
- **Troubleshoot link** – determine whether performance problems are cabling or network-related.

Ordering Information

Model	Description
DTX-NSM 	DTX Network Service Module – includes one module that plugs into the back of the main unit of the DTX CableAnalyzer

NETWORK SUPERVISION

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