

Triplett Highlights How Higher-Speed Networks Are Changing Field Cable and Network Testing

Triplett highlights how network testers help technicians verify cabling, identify faults, and troubleshoot connectivity as networks evolve toward higher speeds.

MERRIMACK, NH, UNITED STATES, October 1, 2026 /EINPresswire.com/ -- As organizations

“

As network speeds increase, technicians have less margin for installation errors that may have gone unnoticed in earlier generations of infrastructure”

*Richard Wexler, VP Global
Business Development at
Triplett*

continue upgrading network infrastructure to support higher data rates, the demands placed on installation and service technicians are also changing. Triplett Test Equipment & Tools is highlighting the growing importance of network verification and troubleshooting as faster networks are deployed across commercial buildings, facilities, data centers, and other connected environments.

When Network Upgrades Put Greater Demands on Cabling

Moving to higher-speed connectivity places greater

importance on cable quality, wiring integrity, terminations, and overall installation performance. A network may appear operational while an underlying cabling issue contributes to intermittent connectivity, reduced performance, or communication problems.

For technicians, identifying these conditions at the physical layer can be an important first step in determining whether a network problem originates with the cabling or elsewhere in the system. Verification during installation and commissioning can also help confirm that cabling has been terminated and configured correctly before the network is placed into service.

Bringing Diagnostics Closer to the Installation

Visual inspection or basic connectivity checks may not provide enough information when technicians are investigating an unreliable connection. A [network cable tester](#) can provide additional diagnostic information by checking wiring configurations, continuity, and other cable conditions directly at the installation.

Multifunction testing equipment can be particularly useful when technicians encounter different cable types and network requirements within the same facility. Combining cable diagnostics with network testing, PoE detection, cable tracing, and related functions allows technicians to investigate multiple potential causes with a single field test instrument.

"As network speeds increase, technicians have less margin for installation errors that may have gone unnoticed in earlier generations of infrastructure," said Richard Wexler, VP Global Business Development at Triplettest Test Equipment & Tools. "Being able to validate cabling, connectivity, and network characteristics at the physical layer provides an important foundation for diagnosing performance issues, verifying installation quality, and supporting long-term network reliability."

Supporting Installation and Service Workflows

Verification and diagnostic testing support multiple stages of the network lifecycle, from initial deployment through ongoing maintenance and service. During deployment, technicians can use testing to verify cable terminations and wiring before equipment is placed into service. During maintenance, diagnostic results can help narrow the source of connectivity problems and provide information for corrective action.

Consistent testing procedures can also provide useful records of installation and service work, creating a baseline for future maintenance, system upgrades, and performance investigations.

Triplettest offers a range of Network Testers and low-voltage testing solutions, including the [LVPRO40](#) 10Gb Multifunctional Low Voltage Cable/Network Tester. The LVPRO40 supports CAT5e, CAT6, CAT6A, CAT7, and coaxial cable applications, with functions including network-speed indication up to 10G, Ethernet port testing, PoE detection, TDR-based cable length and fault testing, and cable tracing.

Additional information about Triplettest's Network Testers and low-voltage testing solutions, including the LVPRO40, is available on the company's dedicated [Low Voltage Testers page](#).

About Triplettest Test Equipment & Tools

Triplettest Test Equipment & Tools has supplied professional test and measurement instruments since 1904. The company offers solutions for electrical testing, thermal imaging, environmental measurement, networking, maintenance, HVAC, security, industrial inspection, and process calibration. Triplettest products help electricians, network technicians, contractors, installers, inspectors, and maintenance professionals test infrastructure, diagnose faults, verify



The advertisement features a hand holding a red Triplettest CTX220 Network & Cable Tester against a background of a dense network of colorful cables. The text 'Higher-Speed Networks Are Changing Field Cable and Network Testing' is prominently displayed. Below this, four red hexagonal icons represent the device's capabilities: 'VERIFY NETWORK CONNECTIONS', 'DIAGNOSE CABLING', 'TEST PoE & ETHERNET', and 'LOCATE CABLE FAULTS'. A section titled 'TRIPLETT NETWORK & CABLE TESTING SOLUTIONS' shows four different testing devices. The website 'www.triplett.com/low-voltage-testers' is listed at the bottom.

TRIPLETT
Test Equipment & Tools

Higher-Speed Networks
Are Changing Field Cable and Network Testing

- VERIFY NETWORK CONNECTIONS
- DIAGNOSE CABLING
- TEST PoE & ETHERNET
- LOCATE CABLE FAULTS

TRIPLETT NETWORK & CABLE TESTING SOLUTIONS

www.triplett.com/low-voltage-testers

installations, and maintain connected systems across commercial, industrial, and facility environments.

Richard Wexler – VP Global Business Development

Triplett

+1 603-621-6021

rwexler@triplett.com

Visit us on social media:

[LinkedIn](#)

[Instagram](#)

[Facebook](#)

[YouTube](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/946685136>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.