POWERED BY

TREND AnyWARE CLOUD

NEW




# NAVITEK III

## KEEP NETWORKS RUNNING

ADVANCED NETWORK TROUBLESHOOTING

COPPER • FIBRE • WI-FI NETWORK DIAGNOSTICS

TREND NETWORKS

Depend On Us

NaviTEK III




# Eliminate Guesswork. Restore Services Faster.

When the network goes down, every minute counts.

Whether you're supporting a hospital, university, manufacturing facility, enterprise campus or managed service customer, identifying the root cause of a network problem quickly is critical.

**NaviTEK III** helps technicians determine whether the fault lies with the cabling, switch, PoE, fibre link, VLAN, IP configuration, Wi-Fi infrastructure or connected device - all from one cloud connected handheld tester.

Instead of switching between multiple tools and relying on assumptions, technicians can diagnose problems confidently on the first visit, reducing downtime, repeat call-outs and unnecessary equipment replacement.




## KEEP NETWORKS RUNNING




# NaviTEK III

**Test. Troubleshoot. Manage. Support. Report.**

Modern networks demand more than basic connectivity testing. Today's IT teams need the confidence to identify the root cause of network issues quickly, minimise downtime and keep users connected.

NaviTEK III delivers complete visibility across copper, fibre, PoE, Wi-Fi and network configuration, enabling technicians to isolate faults in minutes, not hours.

With integrated TREND AnyWARE Cloud connectivity, teams can manage projects, synchronise results and generate professional reports from field to cloud, improving collaboration, productivity and visibility across every job.

# Why NaviTEK III?

NaviTEK III is designed to help IT teams work smarter, not harder. From rapid fault isolation and cloud-connected reporting to professional diagnostics and remote support, every feature is built to reduce downtime, improve productivity and keep critical networks running.

### ISOLATE FAULTS FASTER

Identify the root cause in minutes, not hours.

### REDUCE DOWNTIME

Minimise disruption and keep users connected.

### COPPER, FIBRE & Wi-Fi

Complete visibility across every layer.

### 90W PoE VALIDATION

Verify power delivery up to 90 watts.

### CLOUD-CONNECTED

Sync results and manage jobs field to cloud.

### PROFESSIONAL REPORTS

Generate branded PDF reports instantly.

### REMOTE SUPPORT

Built-in TeamViewer™ and VNC.

### SECURE NETWORK ACCESS

Supports VLAN, 802.1x and WPA3-Enterprise security.

# WIRED NETWORK TROUBLESHOOTING

## Find the Fault. Prove the Cause.

Quickly pinpoint copper, fibre, PoE and network faults - reducing guesswork and helping technicians fix the right problem first time.



Copper Capabilities  Fibre Capabilities

### VERIFY EVERY CONNECTION

- Detect copper link speeds from 10Mb/s to 10Gb/s
- Including new 2.5 and 5Gb/s devices

### PROVE POWER AT THE DEVICE

- PoE detection & classification
- Load test up to 90 watts
- Automated Pass/Fail results
- Confirm that switches and cabling provide enough power for your devices

Test delivered power to IEEE 802.3bt (PoE++) standards with auto Pass/Fail results so field technicians don't need to calculate power drop allowances. Selectable High/Low load test to validate both PSE and cabling to identify the source of PoE limitations.

### FIND THE RIGHT PORT - FAST

- Discovers switch name and port
- Utilises CDP / LLDP / EDP protocols
- Eliminates guesswork during patching and MAC work

### IDENTIFY CONFIGURATION ISSUES

- Identifies VLAN IDs on links and switch ports
- Set NaviTEK III VLAN ID and priority (up to 3 levels)
- Supports 802.1x port security

### SEE WHAT'S CONNECTED

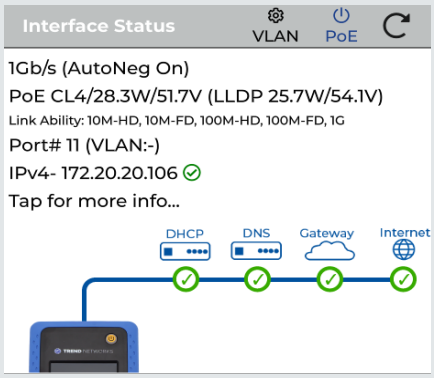
- Detect active devices by IP/ MAC/Host name
- Configurable scanning range from 1 to many subnets

### VALIDATE NETWORK SERVICES

- Validates IP address assignment
- Confirms DNS resolution
- Detects default gateway availability
- Confirms internet connectivity

### PINPOINT THE PROBLEM FASTER

- Confirms physical link presence
- Verifies network connection status
- Immediate confirmation that infrastructure is live and connected





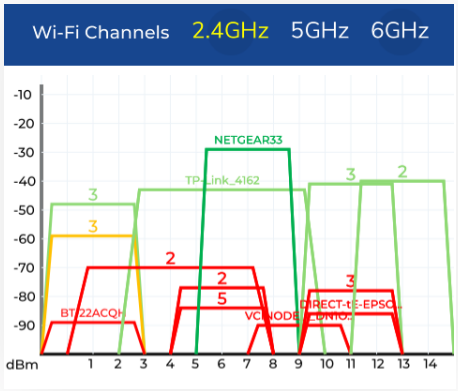



## WI-FI NETWORK TROUBLESHOOTING

# Advanced Wireless Diagnostics.

**Turn wireless complaints into actionable answers.**
**NaviTEK III gives technicians visibility into congestion, interference, coverage gaps, overloaded access points and configuration issues - helping teams optimise performance and keep users connected.**




See what's affecting Wi-Fi performance at a glance. Identify congestion, interference and coverage issues, then use real-time network data to optimise channels, access points and wireless performance. **Connect to the latest Wi-Fi 6/6E/7 networks using WPA2/WPA3-Enterprise security credentials.**

### Channel Mapping

- Visualise RF spectrum allocation
- Channel overlap detection
- RSSI Signal Strength
- Channel width analysis
- Channel utilisation
- Device count

**See What's Competing for Airspace**

Visualise channel usage, congestion and overlapping access points in real time. Quickly identify interference, coverage gaps and overloaded channels to make informed decisions about AP placement, channel allocation and network optimisation.

### Access Point Details

- View AP list with SSID conflicts highlighted
- AP signal strength in dBm and RSSI
- Channel number, frequency and width

**Identify Problem Access Points**

Quickly identify SSID conflicts, rogue or neighbouring access points and configuration issues that can cause roaming, authentication and connectivity problems.

### Access Point Test

- Histogram of signal strength and transmit rate
- AP locator with visual and audible feedback

**Understand Real-World Performance**

Monitor signal strength and transmit rates in real time to identify inconsistent performance, weak coverage and areas where interference or obstruction is affecting network speed.

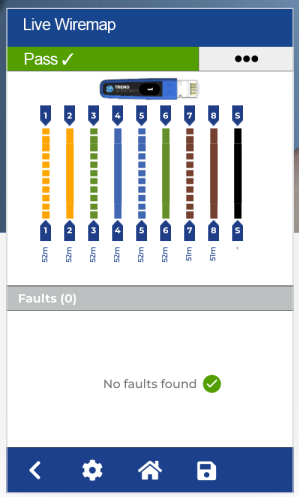
### Access Point Locator

- Visual proximity indicators
- Audible tone feedback that increases with signal strength
- Faster physical tracing in dense deployments
- Internal & external antennas

**Find the Physical AP - Fast**

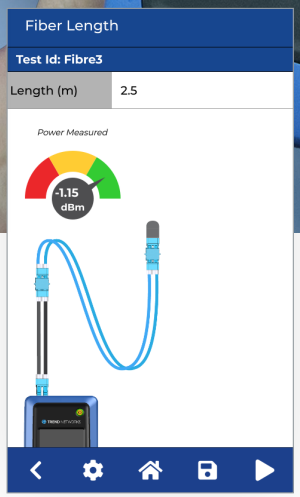
Locate specific access points quickly using live visual and audible signal tracking. Connect the external antenna for greater sensitivity and range, helping technicians pinpoint APs even in dense wireless environments.



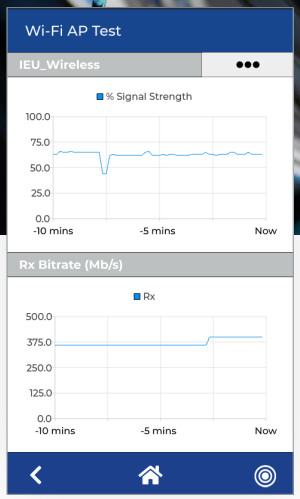

## Live Wiremap

Instant verification of cabling links and real-time fault finding.



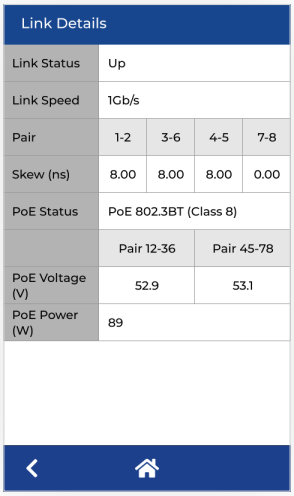

## Fibre Length Testing

Measure fibre continuity and length using SFP/+ modules



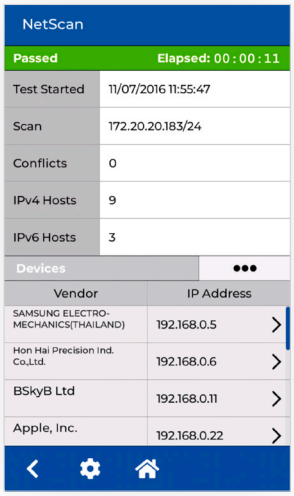

## Wi-Fi Throughput

Connect to APs on the 2.4/5/6GHz bands to view the transmission speed compared to signal strength in the local environment.



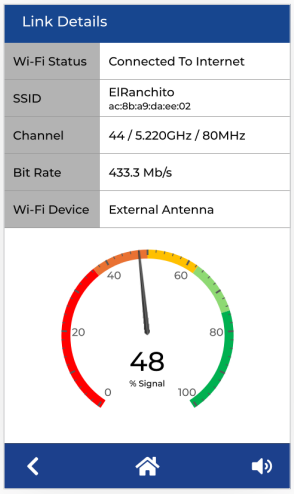

## PoE Load Test

Ensure installed cables provide enough power for PoE devices by performing a load test with up to 90 watts including Pass/Fail results.




## Device Scan

Connect to active copper/fibre/Wi-Fi networks and collect a list of connected devices including the vendor ID, IP address and MAC address with automatic checking for IP address conflicts.

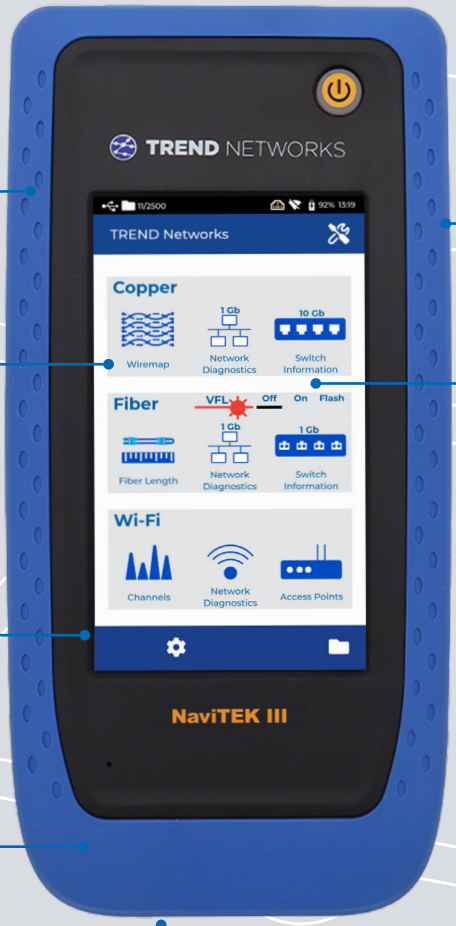



## Access Point Location

Use the internal or external antenna to locate hidden access points with the responsive signal strength indicator.

# NaviTEK III

One connected platform for copper, fibre, PoE, Wi-Fi and network troubleshooting.




## Intuitive User Interface

Simplified user interface for easy setup and operation

## Live wiremap

Instant wiremap and fault results

## Complete PoE Testing

Perform load tests up to 90 watts to ensure power delivery to the latest PoE devices

## High Capacity Li-Po Battery

54 Wh battery provides 10-hour operation on a single charge

## Complete Connectivity

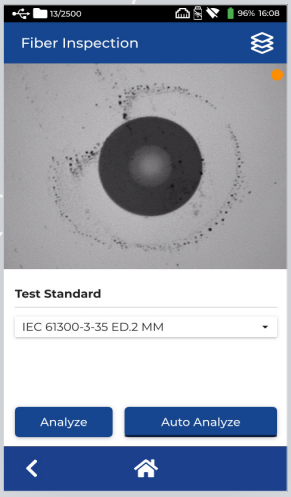
Connect external Wi-Fi adapters*, memory sticks, keyboard, mouse, barcode scanners and other accessories

## Multi-Gigabit Link Detection

Verify switch and device link speeds up to 10Gb/s with LLDP/CDP/EDP port information

## Supports Fibre Optic Inspection Microscope

Check connector quality and perform automatic, Pass/Fail testing to IEC 61300-3-35 standard




## Integrated TREND AnyWARE Cloud

Pre-configure jobs and tests in the TREND AnyWARE Cloud, eliminating potential mistakes

## Network Diagnostics

Connect to live copper and fibre networks at 1Gb/s for diagnostic and troubleshooting tests

## SFP+ Test Port

Test fibre length and connect to active networks at 1G for diagnostic testing

## RJ45 Test Port

Port speed detection to to 10G and network diagnostics testing at 1G, plus wiremap, PoE, and digital/analog tone generator




## Visual Fault Locator

Integrated red laser source to verify fibre continuity and detect breaks or bends in racks and cabinets

## External Wi-Fi Antenna

Connect the included external antenna for longer range Wi-Fi reception on 2.4/5GHz networks or use a 3rd party directional antenna to easily locate hidden APs

## USB-C Port

Battery charging and additional device connectivity

## Gigabit Ethernet

Management port for AnyWARE Cloud sync, TeamViewer and VNC remote control



## Wi-Fi 6/6E/7 Support

Supports external Wi-Fi adapters to test the latest Wi-Fi standards

# ONE CONNECTED WORKFLOW

**TREND AnyWARE Cloud connects every job, tester and technician - from field to cloud.**

Pre-configure jobs, synchronise field results and generate professional reports without waiting for testers to return to the office. With everyone working from the same information, teams can reduce errors, collaborate faster and work more efficiently.






## TREND ANYWARE CLOUD - FREE AND CONNECTED FROM DAY ONE

### PLAN
Pre-configure jobs and tests before work begins.

### TEST
Technicians download projects and execute pre-defined tests.

### SYNC
Results move securely from NaviTEK III to the cloud.

### REPORT
Generate and share professional PDF reports without manual data transfer.

### SUPPORT
Connect via TeamViewer to support technicians in the field.

## PROFESSIONAL REPORTS THAT BUILD TRUST AND SAVE TIME

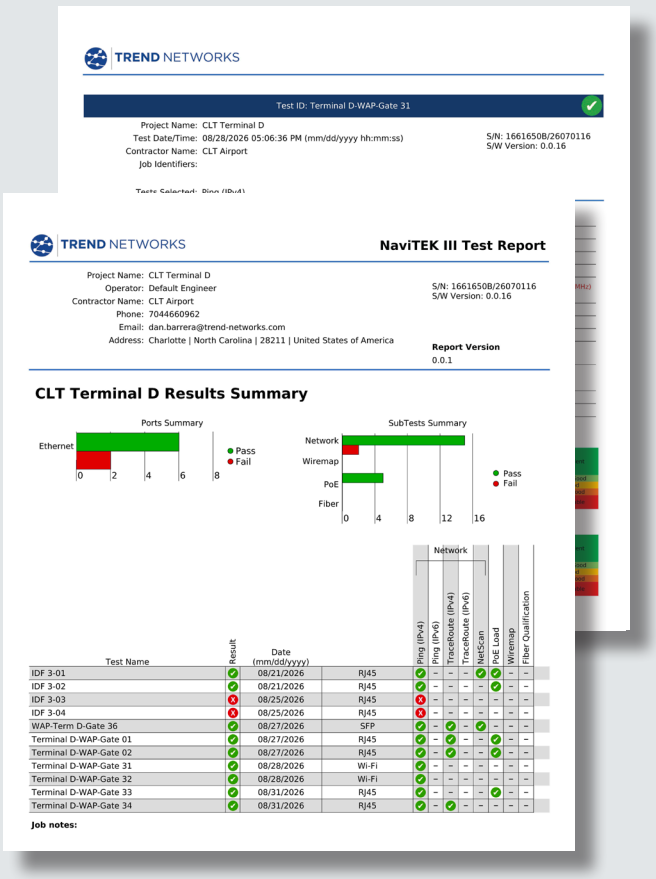
Create clear, accurate and branded reports in minutes. TREND AnyWARE Cloud transforms test results into professional documentation you can share instantly.

### Professional PDF Reports
Branded reports with your logo, job summary, test results and pass/fail status.

### Save time in the Field
Auto-generated reports mean less admin and more time solving problems.

### Centralised and Secure
All test data is stored in the cloud and accessible from anywhere, anytime.

### Share with Confidence
Share reports with customers, colleagues or stakeholders instantly.


TREND NETWORKS

Test ID: Terminal D-WAP-Gate 31

Project Name: CLT Terminal D
Test Date/Time: 08/28/2026 05:06:36 PM (mm/dd/yyyy hh:mm:ss)
Contractor Name: CLT Airport
Job Identifiers:

S/N: 1661650B/26070116
S/W Version: 0.0.16

TREND NETWORKS — NaviTEK III Test Report

Project Name: CLT Terminal D
Operator: Default Engineer
Contractor Name: CLT Airport
Phone: 7044660962
Email: dan.barrera@trend-networks.com
Address: Charlotte | North Carolina | 28211 | United States of America

S/N: 1661650B/26070116
S/W Version: 0.0.16

Report Version
0.0.1

CLT Terminal D Results Summary

Ports Summary

SubTests Summary

| Test Name | Result | Date (mm/dd/yyyy) | | Network: Ping (IPv4) | Ping (IPv6) | TraceRoute (IPv4) | TraceRoute (IPv6) | NetScan | PoE Load | Wiremap | Fiber Qualification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| IDF 3-01 | ✓ | 08/21/2026 | RJ45 | ✓ | – | – | – | ✓ | ✓ | – | – |
| IDF 3-02 | ✓ | 08/21/2026 | RJ45 | ✓ | – | – | – | – | ✓ | – | – |
| IDF 3-03 | ✗ | 08/25/2026 | RJ45 | ✗ | – | – | – | – | – | – | – |
| IDF 3-04 | ✗ | 08/25/2026 | RJ45 | ✗ | – | – | – | – | – | – | – |
| WAP-Term D-Gate 36 | ✓ | 08/27/2026 | SFP | ✓ | – | ✓ | – | ✓ | – | – | – |
| Terminal D-WAP-Gate 01 | ✓ | 08/27/2026 | RJ45 | ✓ | – | ✓ | – | – | ✓ | – | – |
| Terminal D-WAP-Gate 02 | ✓ | 08/27/2026 | RJ45 | ✓ | – | ✓ | – | – | ✓ | – | – |
| Terminal D-WAP-Gate 31 | ✓ | 08/28/2026 | Wi-Fi | ✓ | – | – | – | – | – | – | – |
| Terminal D-WAP-Gate 32 | ✓ | 08/28/2026 | Wi-Fi | ✓ | – | – | – | – | – | – | – |
| Terminal D-WAP-Gate 33 | ✓ | 08/31/2026 | RJ45 | ✓ | – | – | – | – | ✓ | – | – |
| Terminal D-WAP-Gate 34 | ✓ | 08/31/2026 | RJ45 | ✓ | – | ✓ | – | – | – | – | – |

Job notes:

# NaviTEK III

## Test. Troubleshoot. Manage. Support. Report.



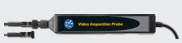
R166006 shown above.

### Ordering information

| Part No | Kit Contents |
|---|---|
| **R166004** | **NaviTEK III Copper/Wi-Fi Network Troubleshooter, Fibre-ready with optional SFPs and accessories*.** 100M-10G copper speed detection, 1G copper/fibre network testing with Wi-Fi (internal and external antennas), 1 x plug (male) copper remote – ID #1, 1 x socket (female) copper remote – ID #1, 1m Cat 6A shielded patch cord, USB-C charger with changeable plugs, soft carry case.<br>*SFP modules not included. User-supplied SFPs can be used. |
| **R166006** | **NaviTEK III Copper/Fibre/Wi-Fi Network Troubleshooter Kit with 3 Year Warranty.** 100M-10G copper speed detection, 1G copper/ fibre network testing with Wi-Fi (internal and external antennas), 12 x plug (male) copper remotes – ID #1-12, 12 x socket (female) copper remote – ID #1-12, 1 x 1310nm SM 1G SFP module, 1 x 850nm MM 1G SFP module, 1 x LC-LC and 1 x LC-SC SM and MM duplex patch cords, 1 x LC and 1 x SC SM and MM fibre loopback remotes, 2.5 & 1.25mm fibre cleaning pens, cable tracing probe, hard carry case. |
| **TRADE166004** | **Trade-in to a NaviTEK III Copper/Fibre/Wi-Fi Network Troubleshooter.** |
| **TRADE166006** | **NaviTEK III Copper/Fibre/Wi-Fi Network Troubleshooter Kit with 3 Year Warranty.** |

Valid testers for Trade-in: NetXpert™, LANXpert™, LinkRunner™ (any model), EtherScope™, OneTouch™, NaviTEK™, SignalTEK™ or any 100MHz or higher ISO/TIA compliant cable certifier.

### Optional Accessories

| Part No. | Kit Contents | |
|---|---|---|
| R166020 |  | **Kit of 12 x RJ-45 remote plugs (#1 - #12)** |
| R166021 |  | **Kit of 12 x RJ-45 remote sockets (#1 - #12)** |
| MGKSX1<br>MGKSX2<br>MGKSX3 |  | **Fibre testing kits:**<br>**(MGKSX1)** 850nm multimode<br>**(MGKLX2)** 1310nm single-mode<br>**(MGKSX3)** 1550nm single-mode |
| R166031<br>R166032 |  | **LC and SC loopback plugs with jumpers and couplers:**<br>**(R166031)** Multimode<br>**(R166032)** Single-mode |
| R166051 |  | **Wi-Fi 6/6E/7 Tri-band USB adapter.**<br>Model NETGEAR® A9000 |
| R166036 |  | **Folding kickstand**<br>Compatible with NaviTEK III, SignalTEK QT and QT Pro |
| R163-VIP |  | **USB Fibre optic video inspection microscope** with 1.25mm and 2.5mm adapters |

For full list of accessories please visit www.trend-networks.com

* NaviTEK III supports Wi-Fi 6 and Wi-Fi 7 USB adapters that utilise MediaTek chipsets.

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