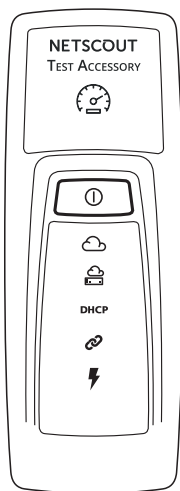# NETSCOUT® Test Accessory
## User Guide

The Test Accessory works together with other NETSCOUT Handheld Network Testers to run network performance and availability tests.
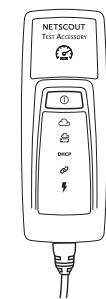
This User Guide covers the basics of connecting and configuring your Test Accessory. See the user documentation for your main testing tool for information on running specific tests and viewing results.
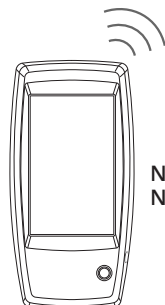
## How It Works

The Test Accessory acts as the endpoint for a test run by a NETSCOUT handheld network tester, such as an AirCheck G2 Wireless Tester.

**NETSCOUT Test Accessory**

**NETSCOUT Handheld Network Tester**

## Powering On

The Test Accessory operates with either Power over Ethernet (PoE) or the following AA battery types: Alkaline (shipped with product), Rechargeable NiMH, or Lithium.

1. Insert two AA batteries into the back of your Test Accessory.
2. Ensure that you have an Ethernet cable connected to an active network with access to the Internet.
3. If PoE is available on your network connection, the unit starts up automatically.

   If you are using batteries only, press and hold the power button for two seconds to turn on the unit.

As soon as you power on the Test Accessory, all of the LED symbols illuminate yellow for 15 seconds while the unit starts up.

Then, the accessory attempts to connect to your network, lighting up each LED with the corresponding connection step.

**NOTE:** Once you connect to the cloud, the Test Accessory may automatically update with the latest software. See the **Software Update LED Sequence** below for more information.

## Connection Sequence and LED Symbols

Connection status is indicated by the behavior of the LED symbols on the Test Accessory.

**NETSCOUT TEST ACCESSORY**

- Power button
- Link-Live Cloud
- Gateway
- DHCP/IP
- Link
- PoE or battery status
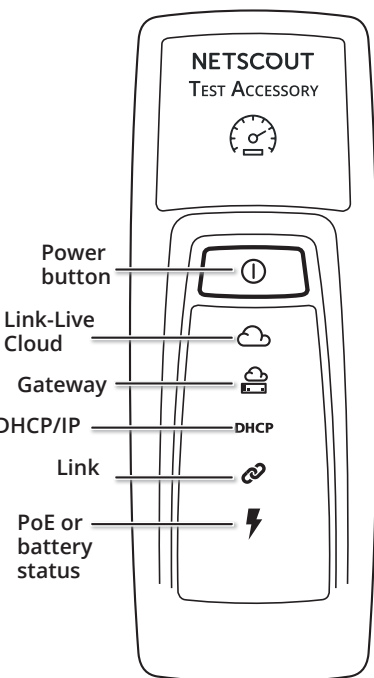
Flashing **GREEN**: Able to connect to Link-Live
Single **YELLOW** Flash: Broadcasting presence on network

Flashing **GREEN**: Pinging gateway
Solid **GREEN**: Ping successful
**RED**: Gateway ping failed

**DHCP**
Flashing **GREEN**: Requesting IP
Solid **GREEN**: IP address assigned
**YELLOW**: Duplicate IP assigned
**RED**: Address assignment failed

Flashing **GREEN**: Trying to link
Solid **GREEN**: Linked

**GREEN**: PoE power
**YELLOW**: Battery power
**RED**: Batteries low

## Link-Live Cloud Service

Link-Live Cloud Service is a free, online system for viewing, tracking, and organizing your test results.

Claim the Test Accessory to aid in discovery from your main testing device and to download software updates.

**NOTE:** To view detailed test results, you must also claim your main NETSCOUT testing device to Link-Live and configure the settings to upload. See the user documentation for your main handheld tester for more information.

Create your user account at **Link-Live.com**.

Follow the instructions to activate your account, and then sign in.

### Claiming to Link-Live

The first time you sign in to Link-Live, a pop-up window appears prompting you to claim a device.

Otherwise, navigate to the **Units** page from the left side navigation menu, and click the **Claim** Unit button at the lower right corner of the screen.

Follow the claiming instructions on the screen for the Test Accessory.

**NOTE:** You must claim the Test Accessory within the first 5 minutes of powering it on.

## Detailed LED Behavior

### Connection LED Sequence

1. If the unit is running on PoE, the Power light (lightning bolt) illuminates GREEN. If it is running on batteries, the Power light stays YELLOW. If the batteries need replacing, the Power light turns RED.

2. The Link status light (chain link) flashes GREEN until a link is established and then stays solid GREEN.

3. The unit requests an IP Address and the DHCP light flashes GREEN. If a usable IP address is acquired, the DHCP light turns solid GREEN. If the unit acquires a duplicate IP address, the DHCP light turns YELLOW, and if no IP address can be acquired, it turns RED.

**Connecting**

4. The Test Accessory communicates with the default gateway router. The Gateway status light flashes GREEN until it connects with the gateway; if successful, it turns solid GREEN. If the Test Accessory cannot reach the gateway, the light turns solid RED.
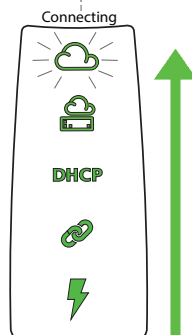
5. The Test Accessory attempts to communicate with the Link-Live Cloud Service, and the cloud light flashes GREEN to indicate internet connectivity.

Your Test Accessory may automatically update if there is a newer software version available.

**NOTE:** Do not turn off or try to claim your Test Accessory to Link-Live during the update process or the update may fail.
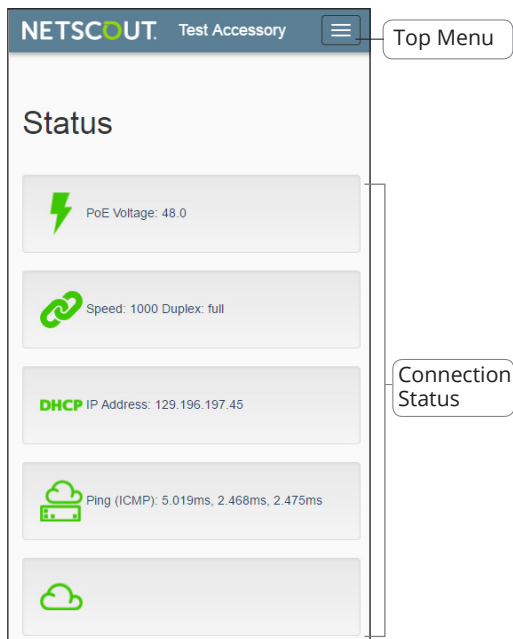
**Connecting**

### Software Update LED Sequence

1. First, all five lights flash YELLOW.

2. Next, starting with the PoE lightning bolt at the bottom of the unit, each status light begins to flash YELLOW in sequential order up to the Cloud status light, until all five are flashing YELLOW again for several seconds.

3. Then, the unit reboots; starting with the Cloud status light, each light flashes GREEN sequentially down to the PoE status light.

4. Finally, the Test Accessory reconnects, beginning with the PoE status light. Each light blinks GREEN while connecting.

**Starting Update**

**Updating**

**Restarting**
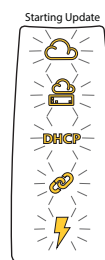
# Web Server Interface

Open a web browser, and input the IP address of your Test Accessory. You can acquire the IP address from Link-Live or by discovering the Test Accessory from your main handheld tester.



The **Status** screen displays by default. You can access settings and debug information from the Top Menu.

## Status

The Status screen displays the latest connection results from the Test Accessory.

## Settings

The Settings screen allows custom configuration of the IP address, Port, and Proxy for testing.

Select **Apply Changes** to save new settings.

### IP Configuration

These settings allow you to chose and configure a static IP address.

### iPerf Port

This field lets you enter a Port Number other than the default 5201. The **iPerf Port Number** set here must match the Port in **iPerf Settings** on the main tester.

### Proxy Configuration

This section lets you configure settings for a proxy server. If you chose Automatic or Manual proxy, enter the Proxy Address, Port, Username, and Password as required.

## Debug Information

This section contains troubleshooting information for use by NETSCOUT's technical support.

### Log Files

Click the button to **Download Log Files**.

### Log Level

This setting lets you change the threshold at which events are logged in the Log Files.

Select the drop-down menu, and select a new setting to adjust the log level.

Click the **Default Log Level** button to reset to **WARN**, the default setting.

### Nearest Switch Test

Click the **Nearest Switch Test** button to cause the Test Accessory to identify the closest switch and display its characteristics below.

## Language

Select this menu item to chose a different language from the drop-down list.

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# Resetting to Factory Defaults

**CAUTION:** Resetting a Test Accessory to factory defaults erases all performance and configuration data and unclaims it from Link-Live.

1. Ensure the unit is powered off, meaning all LEDs are off.
2. Hold down the power button for approximately 30 seconds.

As the unit resets, it begins with all five status lights illuminating solid YELLOW for about 15 seconds. Then, the LEDs flash GREEN sequentially upward to the cloud light for another 15 seconds, and finally all LEDs flash GREEN simultaneously.

3. Release the power button as soon as the lights flash GREEN simultaneously, and BEFORE they flash RED.

If you do not release the power button before the LEDs flash RED, the LEDs turn YELLOW to indicate a failed reset attempt, and you will have to start the reset procedure over.

If the reset is successful, the Test Accessory will shut down and power off.

# Powering Off the Unit

To turn off the unit, hold the power button for two seconds until the LEDs begin flashing sequentially downward, and then release the button.

After the LEDs stop flashing, the Power/PoE symbol remains on for about 15 seconds until shutdown completes.

# Environmental and Regulatory Specifications

| Environmental | |
|---|---|
| Operating Temperature | 32°F to 122°F (0°C to 50°C ) |
| Relative Humidity | 5% to 90%, Non-condensing |
| Storage Temperature | -4°F to 140°F (-20°C to 60°C) |
| Shock and Vibration | Random 2 g, 5 Hz - 500 Hz (class 2), 1 m drop |
| Safety | CAN/CSA-C22.2 No. 61010-1-1-12, UL Std. No. 61010-1 (3rd Edition), IEC 61010-1:2010, Pollution degree 2s |
| Operating Altitude | 13,123 ft (4,000 m) |
| Storage Altitude | 39,370 ft (12,000 m) |
| EMC | EN 61326-1:2006 |
| General | |
| Dimensions | 4.36 in x 1.6 in x 1.28 in (11.07 cm x 4.06 cm x 3.25 cm) |
| Weight | 0.25 lb (0.116 kg) |
| Battery | 2 AA Alkaline |

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## WARRANTY

The warranty for your Product is on the NETSCOUT website; visit **http://www.netscout.com/legal/terms-and-conditions/**.

## LEGAL NOTIFICATION

Use of this product is subject to the End User License Agreement available at **http://www.netscout.com/legal/terms-and-conditions/** or which accompanies the product at the time of shipment or, if applicable, the legal agreement executed by and between NETSCOUT SYSTEMS, INC., and the purchaser of this product ("Agreement").

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310 Littleton Road
Westford, MA 01886
Attn: Legal Department

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