

ELTON TestLink: proof on the real device

A hardened appliance cables to the product and carries its own out-of-band 5G link to the platform, so the pipeline tests live interfaces wherever the device sits. **Included in every subscription.**

WHAT IT IS



Its own 5G radio

An out-of-band link to the platform. It never touches your LAN, so it needs no firewall change, IT ticket or jump host.

An interface plate per product

USB, Ethernet, serial and UART, CAN, JTAG and SWD, GPIO, BLE and Wi-Fi, cabled for the device.

Driven by the platform

The platform sends each test case and stays in control while TestLink runs it on the live port and streams results back.

Included in every subscription

Comes with managed operation and platform access. A unit ships to your site or to our lab.

THREE WAYS TO PUT A DEVICE IN THE LOOP

Lab shipment

Ship the product to the ELTON lab. We cable it to a TestLink on our bench and run the testing.

Remote on-site

The device stays in your building. We ship TestLink to your site, your team cables it, and we drive the testing.

Self-service

The unit transfers to your team, and you start runs on demand. Results still land in ELTON.

FROM ORDER TO EVIDENCE IN FIVE STEPS

01

Order

Pick TestLink as the remote method. The order derives what each interface needs.

02

Pair

Cable the unit and point each cable at its interface on the digital twin.

03

Pre-flight

TestLink checks every cabled interface. Issues come back with the reason.

04

Execute

ELTON runs the plan. Cases on a paired interface run through the unit.

05

Evidence

Results, findings and twin discoveries land on the test, pinned to the build.

Telemetry the whole way: every unit reports its state, with a heartbeat every 10 seconds while it executes.

THE PAIRING, IN THE PLATFORM

TestLink associated with this test
one per test

TESTLINK

TL-0417

ELTON Lab · Naperville · bench 3

CONNECTION

Online

5G · 84 ms · heartbeat 20 s ago

PAIRED

8/17/2026 · K. Lee

held by this test until removed

TWIN INTERFACES CONNECTED

3

no limit · each with its port and device connection

All TestLinks · Testing view →

Remove TestLink from this test

Connected twin interfaces

3

TWIN INTERFACE	PORT	DEVICE CONNECTION	STATE	NOW	
Peripheral Controller API over TLS	ETH-1	Console rear panel · RJ45 service port 2	Executing	TC-Ym4Rc-8sPd1 · step 4 of 7 · 09:41:12	Remove
CAN bus	CAN-1	Chassis CAN OBD tap · J12	Executing	CAN batch · 9 of 9 complete 9/22	Remove
Console USB ports	USB-1	Console front panel · USB-A port 1	Idle	batch complete 9/23 · waiting for re-queued cases · 09:40:58	Remove

One unit per test, any number of twin interfaces

Product preview, sample data

Every test case takes a known path

TestLink

An interface in scope, through the unit cabled to it.

ELTON Agent

A component, through a session or network position that reaches it.

Materials

SAST, SCA and code review, on source and the SBOM.

Not testable

No unit cabled, or nothing in scope reaches it, and the plan says what fixes it.

What you hold after every run

- Results pinned to the build, the interface and the scope that authorized them
- L3 evidence: typically 70-85% of candidates resolve Not Affected on real hardware
- Twin discoveries added to the digital twin, marked Discovered in testing

If we can't exploit it, we won't call it a vulnerability. TestLink keeps the real device one cable away, so proof stops waiting on a shipping label.