



OmniVista Smart Tool

Field-First Simplicity for OT and IoT environments

The **OmniVista Smart Tool (OST)** is a purpose-built field utility designed to **empower technicians and streamline the deployment and troubleshooting of IoT** device connectivity. OST ensures that OT environments stay connected without unnecessary overhead.

What are the challenges?

OT deployments face consistent challenges:

- Installations performed by **non-network specialists**
- **High turnover** among field and operations staff
- Time-consuming troubleshooting requiring **IT escalation**
- Device-heavy networks (cameras, sensors, access control) with frequent PoE issues
- Limited or restricted cloud connectivity in OT environments

Designed for Device-Heavy OT Networks

OST is built to operate **side-by-side with any device-heavy network**, especially where cameras, sensors, and edge devices dominate.

Typical environments include:

- Physical Security (VMS)
- Transportation & ITS
- Industrial & Manufacturing
- Smart Buildings & BAS
- Utilities, campuses, and critical infrastructure

OST enables field technicians of all skill levels to install and troubleshoot device connectivity without relying on CLI tools, cloud dashboards, or advanced networking expertise.

- **A standalone, cloud-independent** field utility
- **Real-time diagnostics** and guided repair workflows
 - OmniSwitch Lightning Config wizards designed for **first-time installation success**
- **Operational efficiency** that reduces support and escalation loads
- **Strengthens user confidence**

Key Highlights

One-button PoE Power Cycle

Quickly reboot cameras or PoE devices without site visits keeping a human in the loop for accountability in high-assurance markets such as **correctional facilities, casinos, and banks**.

Faster resolution for 90%+ of camera issues

Most physical security problems are power or cabling related OST addresses them directly.

Fewer truck rolls and site visits

Resolve issues remotely instead of travelling to reboot devices.

Unique PoE Wizard

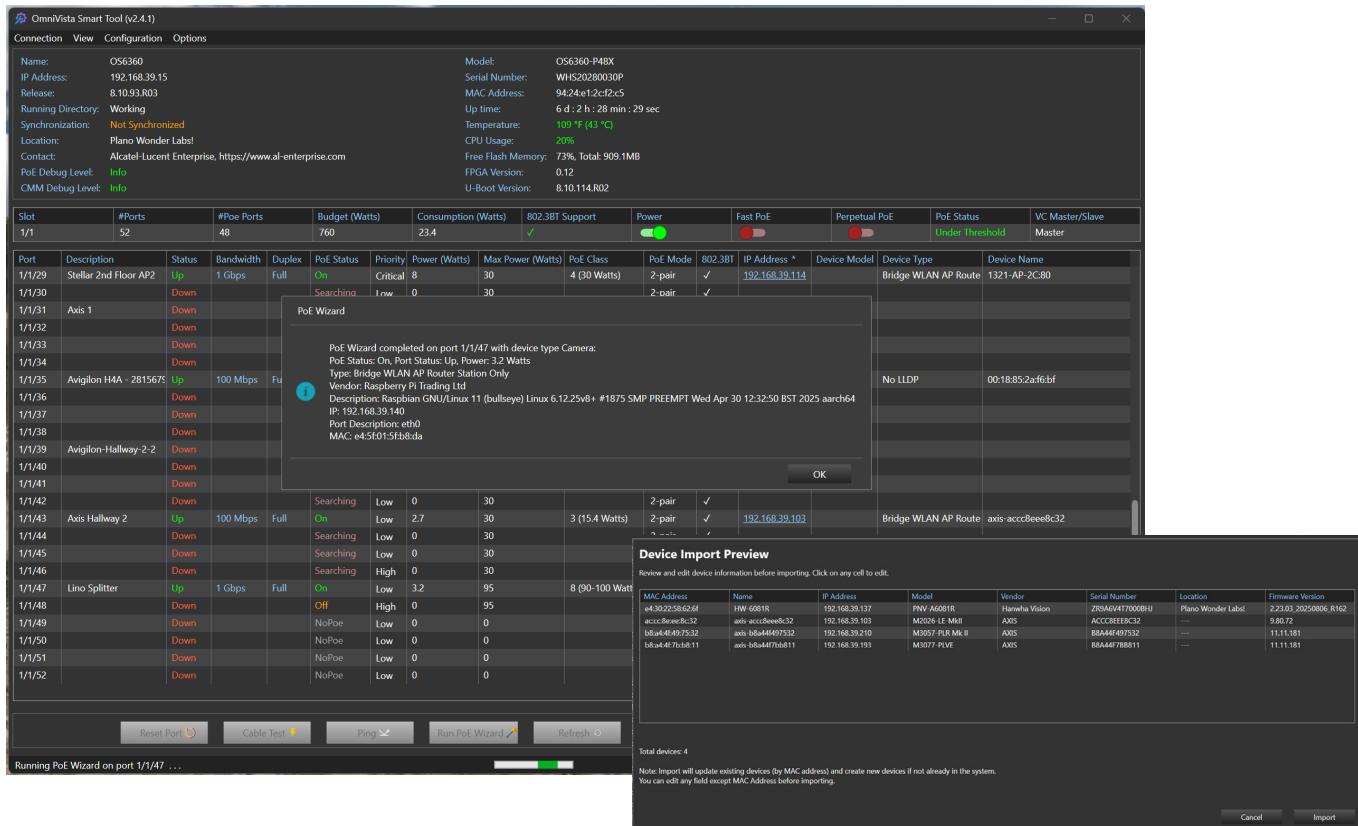
Diagnoses and repairs common PoE issues in under **60 seconds**, dramatically reducing deployment time and training requirements.

Empowers operations teams

Enables video and OT operations staff to handle first-line troubleshooting, freeing IT for higher-value work.

Port security and tamper prevention

Lock ports to cameras and prevent unauthorized changes.



Core Features

Real-time PoE diagnostics and guided repair

Secure configuration wizards for rapid setup

Ethernet cable health testing (TDR)

No CLI dependency during installation

Per-port device discovery and power visibility (LLDP)

OST transforms OT deployment into a seamless solution experience. It makes deployments faster, easier, and more reliable for the people who actually operate the environment.