

Hardware Testing & Supply Chain Validation

Identify vulnerabilities, compromised components, and supply chain risks across devices and embedded systems by detecting tampering, hidden activity, and counterfeit components through comprehensive hardware and integrated systems testing by OnDefend.

Testing Capabilities

- ✓ **Hardware Testing**
Device integrity is validated against trusted baselines, identifying configuration weaknesses and deviations that could introduce risk before deployment.
- ✓ **Firmware Testing**
Firmware is analyzed against trusted sources to detect vulnerabilities, unauthorized modifications, and embedded backdoors that could compromise devices.
- ✓ **Hardware Breakdown**
Teardown and chip-level analysis identify compromised components, anomalous behavior, and supply chain risks missed by traditional testing.
- ✓ **Board Imaging and Change Detection**
Compares chip-level images over time to identify tampering, undocumented changes, and counterfeit parts.
- ✓ **Chip-Level Activity Detection**
Detects unauthorized chip communication, including covert RF activity and embedded sensors.

**Secure Your
Hardware.
with OnDefend.**
OnDefend.com

