



THEIA™

Third-Party Hardware Evaluation & Independent Analysis

Capability Briefing
September 17, 2026

 **SYNDERYS**

PROBLEM: VULNERABLE TECHNOLOGY SUPPLY CHAINS



Increased counterfeits and bad equipment destroy network security



Expanded attack surfaces multiply targets of opportunity for adversaries



Cyberattacks kill operational security and threaten warfighter / civilian lives



Countless data center networks left open to adversarial interference



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THE BOTTOM LINE

Current Compliance Measures are NOT Preventing Adversarial Access

Huawei Chips
Hidden Inside
Routers



White-Labeled
Components from
Chinese OEMs in
Supply Chain



Mobile Hotspots
Dialing Out to
OCNUS IP's



Foreign
Communications
Traffic Captured

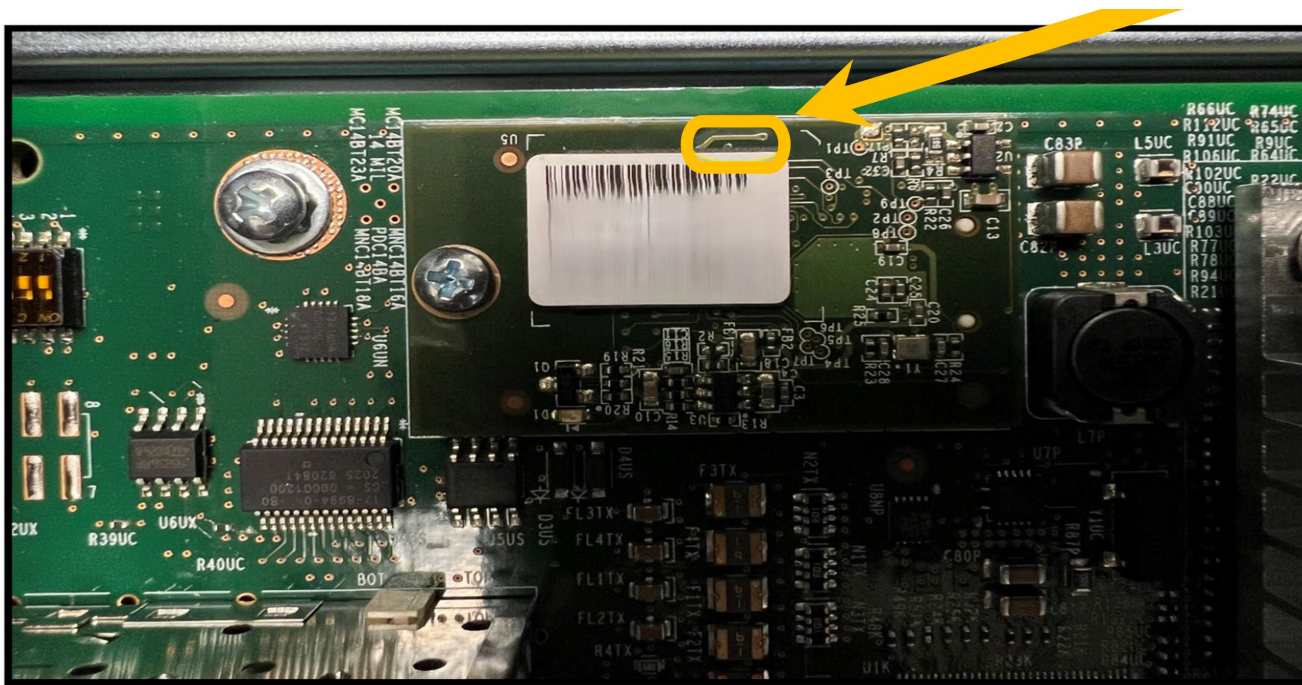


Every Documented
Anomaly Came From a
Device With a “Clean”
SBOM/HBOM but it
wasn’t independently
validated or verified.

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HUAWEI IMPLANT IN HIGH ASSURANCE ROUTER

A printed bodge wire antenna 'phones home' to third parties, exposing networks to adversary control.



First pass exam:

device does **not** meet
the approved HBOM

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FIELD PROOF POINT: A FLOATING BACK DOOR



INITIAL DISCOVERY

- On a submarine, THEIA found a compromised device
- Passed every visual, serial-number, and documentation check.



SCALE OF EXPOSURE

- Estimated 500,000 of same device already in government networks
- Instinct is to keep quiet; the real fix is to find and remove problematic units

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CASE STUDY: USGov CONTRACT ENGAGEMENTS

37 Device Categories Tested in Three Days

(Servers, Laptops, Tablets, Switches, Routers, Firewalls, Printers, and TVs)

466

Devices
Tested

299

Devices with
Anomalies

867

Anomalies
Detected

65%

Anomaly
Rate



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Our findings prove that check-box self-attestation is **not** sufficient

PROVEN SUPPLY CHAIN DIGITAL FORENSICS

FIRST OF 450 VENDORS

In US Army Redstone Arsenal competition, Synderys named Best Supply Chain Risk Management Provider

PHASE 1 PROOF (7x)

Counterfeits, white-labeled devices, foreign communications captured, adversarial implants in network gear captured in high assurance environments

TOP 40 CEO IN GOVCON

Angela Brescia honored as one of the Top 40 CEOs in Government Contracting by the US Army Redstone Arsenal; also Serves as Special Advisor to SASC

VARIOUS DEPLOYMENTS

Engagements to date provided tactical teams to pre-distribution warehouses, flight-line test beds & telecommunications network data centers



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SOLUTION: INDEPENDENT VERIFICATION & VALIDATION

- Receive cryptographic birth certificate for every device assessed
- Reveal hidden hardware & firmware risk
- Identify counterfeits /white-labels
- Discover full-stack vulnerabilities
- Maintain continuous visibility



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THEIA™ CERTIFICATION PLATFORM

- Every device gets a signed record of exactly what hardware, in which slot, with what firmware, anchored to its own security chip
- Dual-signed by the device hardware (TPM Strongbox) and THEIA™'s CA
- Then monitored continuously for life



THEIA™ CERTIFIED

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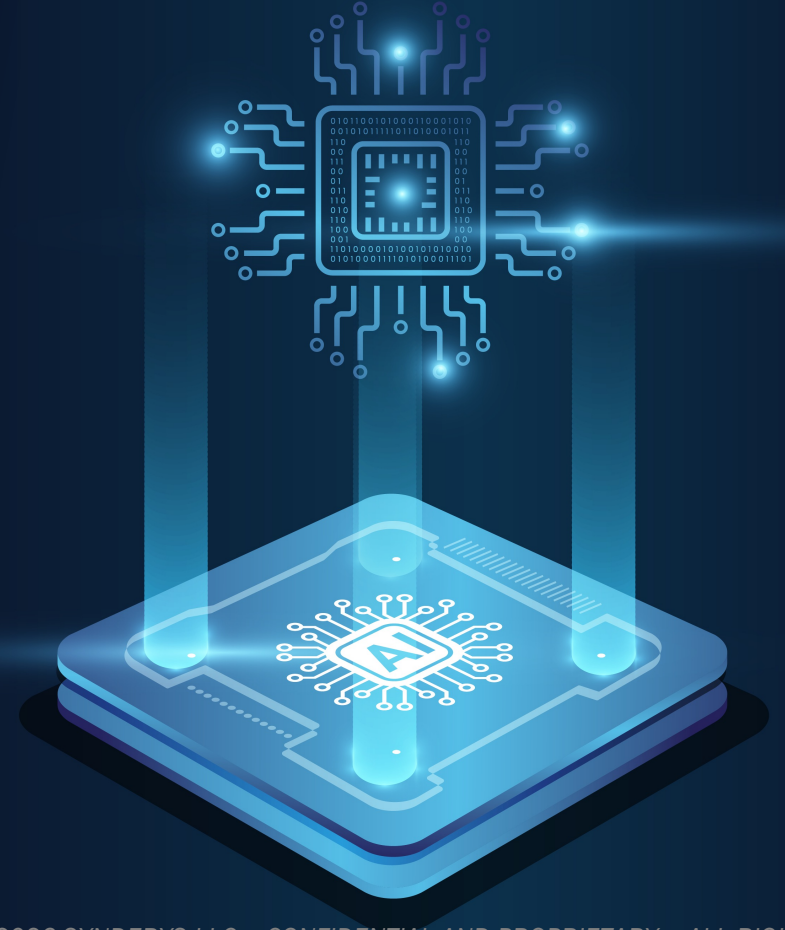
HOW IT WORKS: THEIA™ PROCESS FLOW



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THE ANALYSIS ENGINE: OFFLINE AI & CTI

- Analyzes telemetry locally with zero data exposure
- Generates CTI reports detailing exactly what is wrong
- Documents the objective risk, not the fix
- Runs air-gapped when cloud is not an option



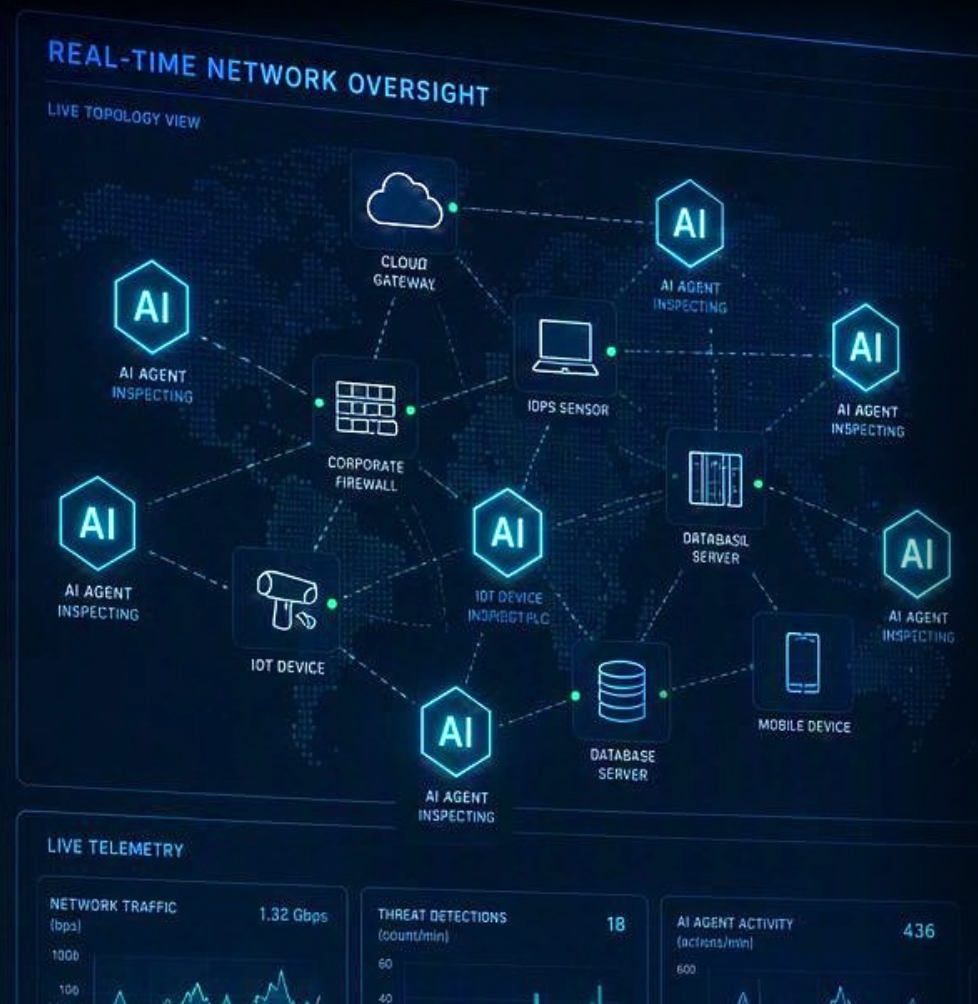
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AGENT-BASED MODE: CONTINUOUS FCC COMPLIANCE

ALWAYS-ON ASSURANCE

Software agents extend **THEIA™** certification into an always-on mode for FCC compliance

- Persistent agents monitor every device 24/7
- Live compliance dashboard for FCC requirements
- Instant alerting on any unauthorized change
- Continuous cryptographic re-verification
- Fleet-wide visibility and accountability



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ASSESSMENT KITS



- Performs ~2,000 device assessments per week, per trained technician
- Small enough to toss into backpack as a carry-on item for ease of transport to site
- Three form factors available for custom implementation

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TECHNOLOGY ROADMAP



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DELIVERY MODES



CONCIERGE

Our team conducts all testing and delivers all confidential results directly to you



TRAIN THE TRAINER

We provide testing kits, train your teams, and deliver confidential results directly to you



PASS THE TORCH

We provide testing kits and train your teams to perform your own testing independently

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KEY NEXT STEPS



Establish the Working Group



Identify Target Pilot Equipment



Deploy Non-Destructive Interrogation



Deliver Telemetry & CTI Reports



Select the Ongoing Operational Model

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Questions?

Angela Brescia
Co-Founder & CEO

☎ 1.888.454.6245 x708

✉ abrescia@synderys.com



ON THE ROADMAP: OT / SCADA ASSURANCE

- Extending THEIA to operational technology – the PLC and SCADA systems behind power, water, dams, and sewage
- Detecting implants and unauthorized changes in controllers that are notoriously open and rarely inspected
- Same non-destructive method – baseline the controller, prove what changed, and hand the facts to the operator
- In active development – targeted for a future release, not sold today

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A roadmap capability – shown to illustrate direction, not for sale yet