



— PRODUCTS OVERVIEW BRIEF • 2026

ITPIE Products

IT intelligence, management and automation tools.
Made for DoD. Proven at Army scale.

ITPIE: POWERED BY VAE, INC.

**"NETMOD engineers will not
migrate a base without ITPIE."**

// ARMY ENGINEERING LEADERSHIP



Most teams can't say **what's on their network** right now.

They run a stack of monitoring, ticketing and inventory tools — and still assemble every answer by hand.



Tools disagree and have **gaps**

Each tool holds a piece of the picture. None of them holds the truth.



Inventories quickly go **stale**

Spreadsheets and diagrams show the network as of the last survey.



Commercial tools **stop** at boundary

Air-gapped, cross-domain and classified networks break their assumptions.



Ready answers **locked** in experts

The people who can trace a device across domains aren't always on shift.

IT infrastructure impacts the mission.

40%

OF OUTAGES TRACE
TO HUMAN ERROR

\$843K+

PER HOUR COST OF
CRITICAL DOWNTIME

12,077+

CYBER INCIDENTS
IN DOD SYSTEMS

91

ZERO TRUST OUTCOMES
REQUIRED BY 2027

70%+

ORG LEADERS SAY NETWORK
MATURITY HURTS DELIVERY

52%

OF IT ENVIRONMENTS
ARE CLOUD-BASED NOW

SOURCE: GAO-23-105084 AND INDUSTRY RESEARCH





Continuous operations support for DoD. One command center for your IT infrastructure.



KNOW YOUR IT

Finds and maps every device on your network and keeps that picture current.



TRUST YOUR IT

Keeps every device configured the way you approved it, and proves it.



ASK IT ANYTHING

Closed-environment AI that answers from your own network data.



RUN IT AS ONE

One sign-in

Pre-integrated

On-prem or air-gapped

START WITH ONE TOOL → ADD THE NEXT → RUN IT ALL ON POLARIS

Also in the suite: **Foresight** (modeling and failure simulation) · **Cascade** (events) · **Mural** (common operating picture) · **Hydrator** (onboarding and offboarding)

— ITPIE • THE PLATFORM IN FOUR SCREENS

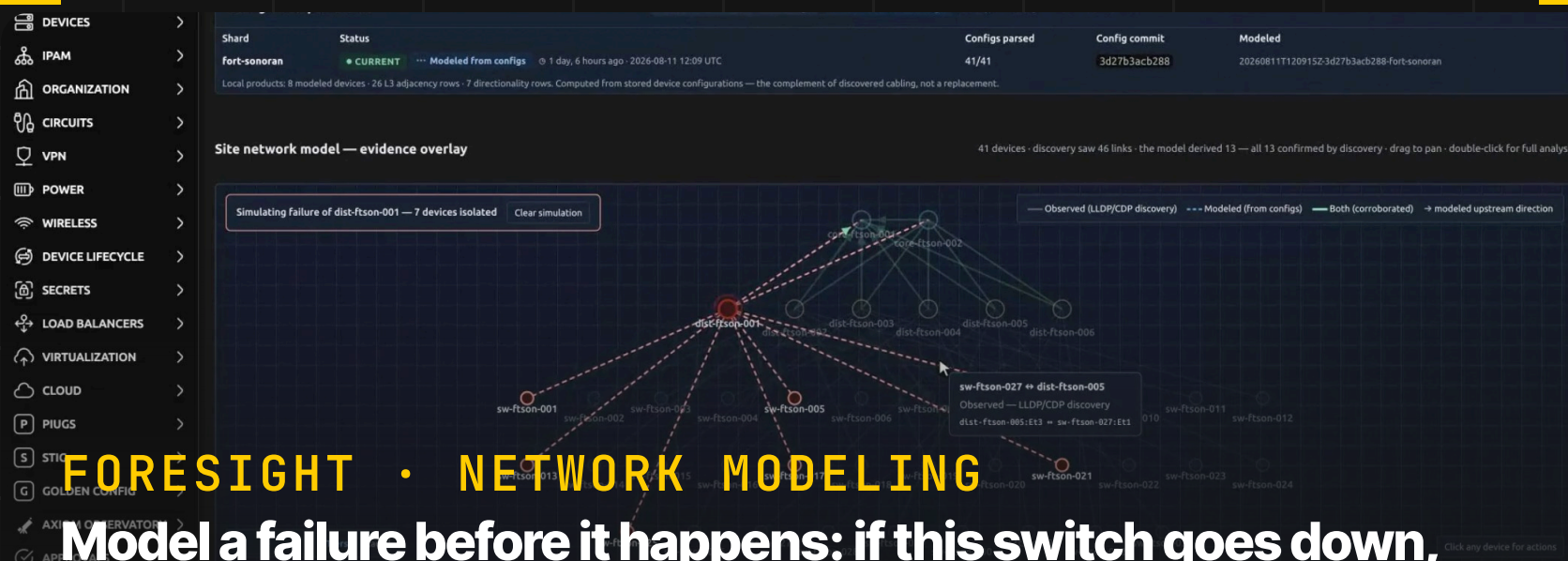


One platform to evolve your IT.



MURAL • COMMON OPERATING PICTURE

Every site, alert and trend on one live screen.



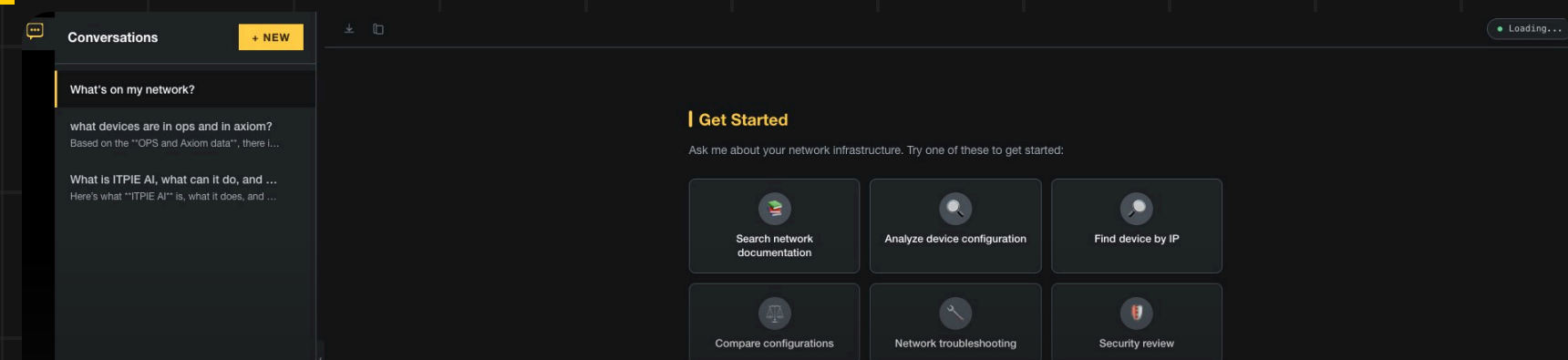
FORESIGHT • NETWORK MODELING

Model a failure before it happens: if this switch goes down, these 7 devices lose their connection.



EVERY TOOL, ONE SIGN-IN

Operate, defend and ask AI from one sign-in.



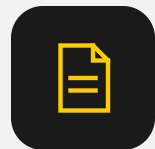
FULCRUM • CONVERSATIONAL AI

Ask your network questions in plain language.

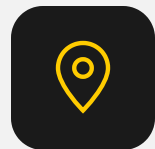
See and find every device. Anywhere, on a dime.

Atlas finds and maps every device on your network and keeps that picture current. You can't secure or automate what you haven't found.

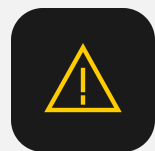
WITHOUT ITPIE



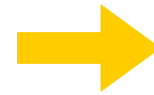
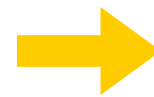
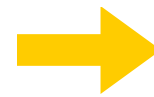
The **inventory is a spreadsheet** someone updated last year, and the map is three refreshes out of date



A **base can't migrate** until someone walks it and writes down what's there



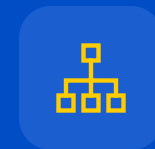
A **remote site behind a VPN or DMZ** never makes it into the inventory



WITH ITPIE ATLAS



Live discovery across 27 protocols and nearly 3,000 devices supported, with AI that identifies new equipment



Full remote inventory and live topology maps, so each site needs one visit



The Atlas Agent collects remotely, reaching past VPNs and DMZs across every site

THE OUTCOME

Operator scramble → An inventory you can trust.

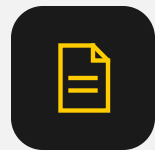
Template once. Deploy everywhere.

Axiom keeps every network device configured the way you intended, across vendors and sites, and automates the work of proving it.

WITHOUT ITPIE



Someone **changed a device by hand at 0300**, and nobody finds out until the audit or the outage



STIG compliance gets re-proved by hand every cycle



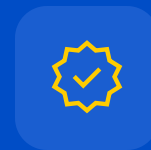
Automation lives in a folder of scripts on one engineer's laptop, one vendor at a time



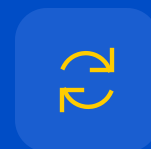
WITH ITPIE AXIOM



Golden configs as the source of truth, with drift flagged on a schedule you set



Hundreds of STIG rules across Cisco, Juniper and Palo Alto, exported as CKL and POA&M



Packaged automation jobs out of the box, plus push-button remediation across devices

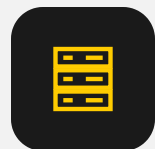
THE OUTCOME

Inspection scramble → Inspection-ready, every day.

Ask your network questions. AI that stays inside your boundary.

Fulcrum is the AI service in ITPIE: closed-environment AI for defense IT, answering from your own network data.

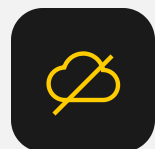
WITHOUT ITPIE



Network data sits in five systems, and **three engineers** know how to get answers out



The **expert who can trace it** isn't on shift when the question comes in



Commercial AI needs the cloud, and classified networks can't reach it



WITH ITPIE FULCRUM



Plain-language questions answered by anyone on shift, with no query language



A **knowledge base grounded in your network**, your documents and your procedures



AI that runs inside your enclave, air-gap capable, with the model choice set by you

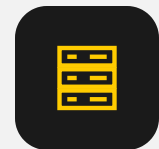
THE OUTCOME

Waiting on one expert → All operators have answers.

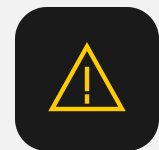
One platform. One sign-in. One place to run IT.

Every deployable ITPIE product, pre-integrated on one hardened appliance you control.

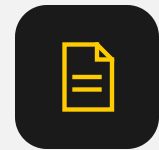
WITHOUT ITPIE



Five tools mean five installs, five hardening arguments and five SBOM requests



Every tool has **its own login, its own admin** and its own secrets



Accreditation starts at zero with every new build



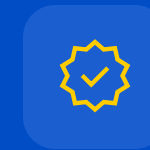
WITH ITPIE POLARIS



Every deployable ITPIE product on one STIG-hardened appliance, integrated before it ships



One sign-in across the suite on Polaris, with CAC/PIV



FIPS, STIG-hardened with OpenSCAP and a CycloneDX SBOM per product. Fleet-wide rollup: in development

THE OUTCOME

DIY assembly → Arrives pre-integrated + assembled.

A switch fails at 0300.

Here's what happens with ITPIE.



01 · CASCADE

Alerts once, with context

Names the switch that failed.
Everything behind it stays
attached and searchable.



02 · ATLAS

Shows exactly what's impacted

Maps everything behind that
switch, by site, device and
connection.



03 · AXIOM

Finds the root cause + pushes the fix

Flags the change someone
made by hand and pushes
the golden config back.



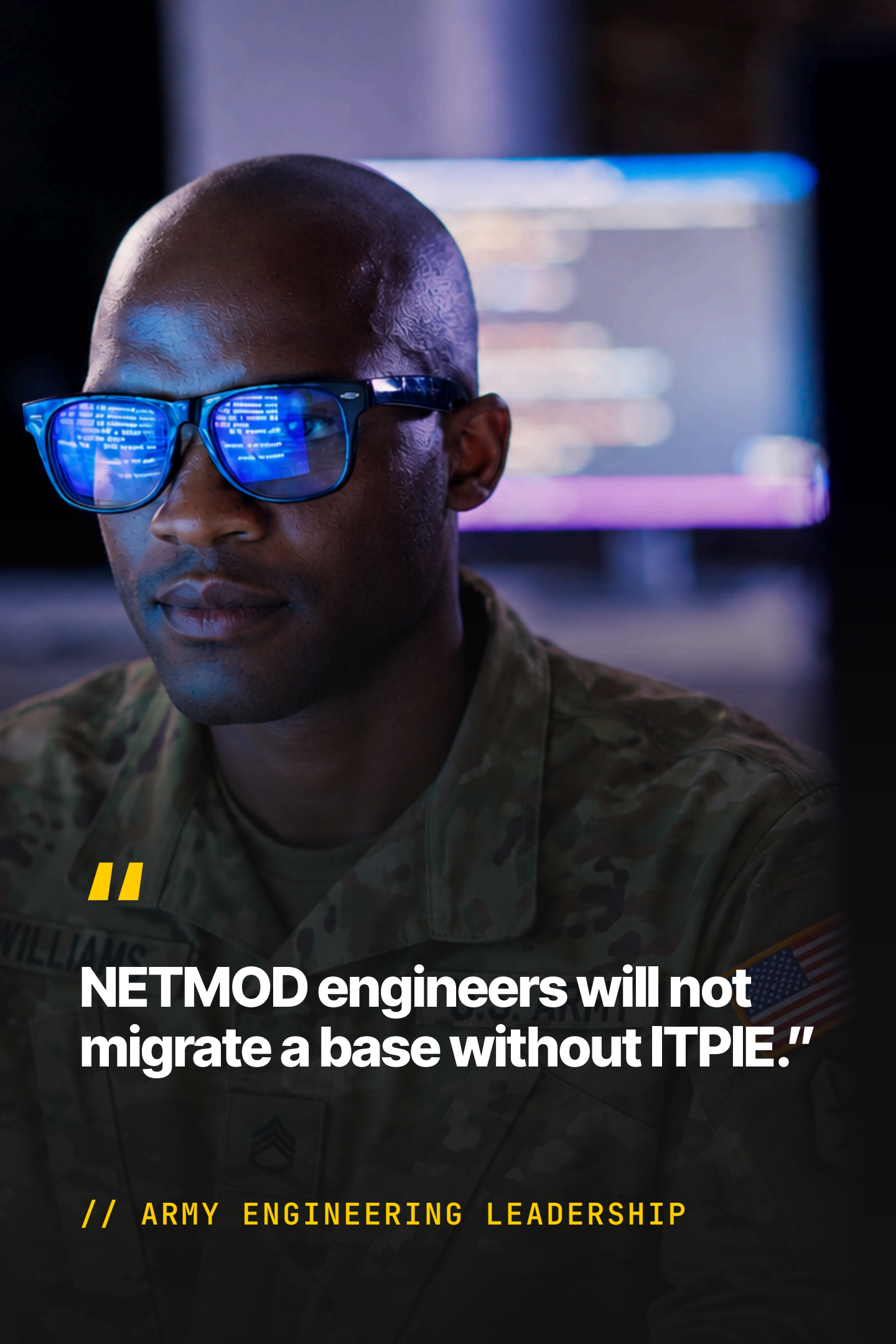
04 · FULCRUM

Briefs the shift on next steps

Answers "what's affected
and what changed?" in plain
English.

OUTCOME

One alert. → A clear cause. → One clean fix.



// **NETMOD engineers will not migrate a base without ITPIE."**

// ARMY ENGINEERING LEADERSHIP

— MISSION IMPACT

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Army NETMOD ran on ITPIE

\$12M+

SAVED VS. TRADITIONAL
APPROACHES

85k+

NETWORK SWITCHES

Zero

MISSION DISRUPTIONS IN
13+ YEARS ACROSS NETMOD

99%

CONFIGURATION ACCURACY

115+

INSTALLATIONS ACROSS
CONUS • SWA • EUR

16+

SITES MIGRATED PER YEAR

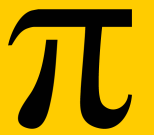


ITPIE: tools for every program you're accountable for.

PROGRAM OR MISSION	 ATLAS	 AXIOM	 FULCRUM	 POLARIS
Network modernization + migrations NETMOD, COMPMOD, base cutovers				
Zero trust + cyber posture 91 required outcomes by 2027				
STIG compliance + accreditation RMF, ATO, inspections				
Lifecycle + tech refresh End of support, OS upgrades				
Day-to-day network operations NOC, help desk, field teams				
Defensive cyber operations Trace, isolate, respond				
Disconnected + classified networks Air-gapped, cross-domain, DDIL				

Built for the places the cloud can't reach.

DOD REQUIREMENT	ITPIE	COMMERCIAL TOOLS
Air-gapped operations	✓ Full offline capability	✗ Internet required
Remote + segmented sites	✓ Reaches past VPNs + DMZs	✗ Stops at boundaries
Army-scale validation	✓ 13+ years on Army networks	✗ Enterprise-only
AI for classified networks	✓ Runs inside the enclave	✗ Cloud-hosted models
STIG-hardened appliance, SBOM included	✓ FIPS + STIG, CycloneDX SBOM	✗ You harden and document it
DoD-proven	✓ Active installations	✗ Lack military validation



Start with the problem you have today.

// We don't have an accurate inventory or map."

 **ATLAS**

NETMOD · COMPMOD · DCO

// Config drift and STIG findings are eating us."

 **AXIOM**

RMF + ATO · Zero trust · Refresh

// Our engineers spend the day answering the same questions."

 **FULCRUM**

NOC · Help desk · Field teams

// Every new tool means another install and another ATO package."

 **POLARIS**

Standardize · Disconnected

Start with one tool → add the next, pre-integrated → run it all on Polaris.

On-prem or air-gapped

Arrives fully assembled



See what ITPIE could do for your **IT infrastructure.**

ITPIE + VAE = **turnkey software + services.**

Our **tools** get you operational. Our **engineers** keep you there.

Live demonstration

See the tools work through real network scenarios, start to finish

Talk to our team

Your environment, your questions → sales@itpie.com

Technical discussion

60 minutes with the Army engineers who built it

Peer references

Talk to network managers who have run ITPIE for years

✉ sales@itpie.com

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— Evolve IT with ITPIE.

Book a demo → sales@itpie.com

 **ITPIE** sales@itpie.com

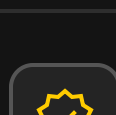
POWERED BY VAE, INC.

ITPIE

deep

dive

INSIDE

- 01  **ITPIE tool suite at a glance**
Three tools, one platform, four more in the suite
- 02  **Atlas**
Know your IT: inventory + mapping
- 03  **Axiom**
Trust your IT: source of truth + automation
- 04  **Fulcrum**
Ask it anything: closed-environment AI
- 05  **Polaris**
Run it as one: every deployable product on one hardened appliance
- 06  **How to buy**
One tool first, full platform later
- 07  **Proof: Army NETMOD**
85,000+ switches, zero downtime

Three tools. **One platform.**

ITPIE ships assembled: tools to find, govern and question your network, on a hardened platform that runs inside your enclave.



KNOW YOUR IT

Finds and maps every device on your network and keeps that picture current.

Discovery

Topology map



TRUST YOUR IT

Keeps every device configured the way you approved it, and proves it.

Source of truth

STIG compliance

Automation



ASK IT ANYTHING

Closed-environment AI that answers from your own network data.

Intelligence (AI)

Comes bundled



RUN IT AS ONE

ONE PLATFORM + ONE SIGN-IN

Every deployable ITPIE product, pre-integrated on one hardened appliance.

FIPS

STIG-hardened

OpenSCAP

CycloneDX SBOM

Air-gap capable

Audit-logged

CAC/PIV sign-on

Secrets on appliance

Also in the suite: Foresight (modeling and failure simulation) · Cascade (events) · Mural (common operating picture) · Hydrator (onboarding and offboarding)

Know your network. Understand your IT.



Discover everything on the wire

27 protocols and nearly 3,000 devices supported, with AI Device ID that identifies new equipment. No templates to build.



Map how it all connects

Topology and zone views built from what it actually finds, current every time you open them.



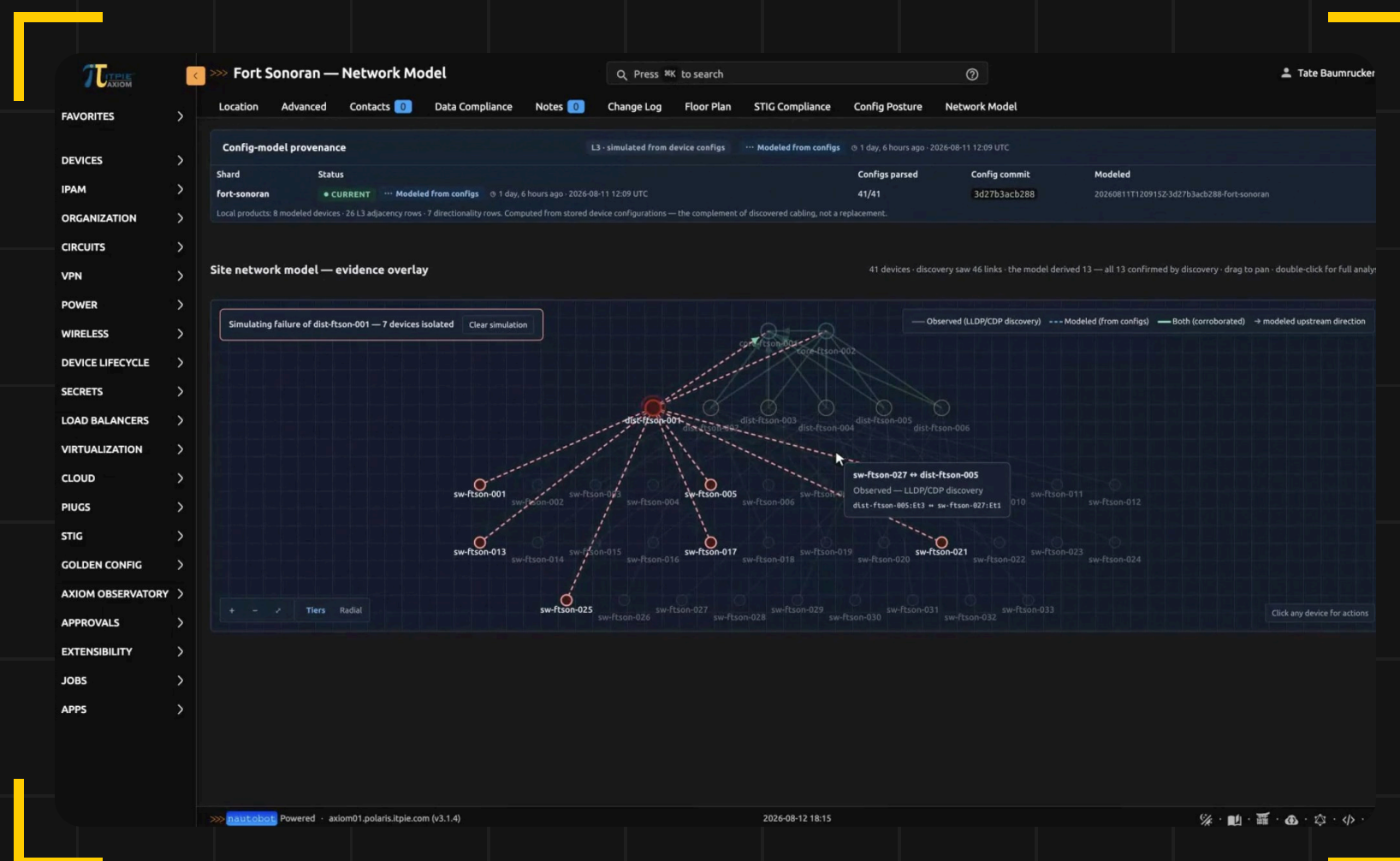
Collect from anywhere

Surveyor collects from a desktop, even offline. The Atlas Agent reaches remote sites past VPNs and DMZs.



Feed everything else

Serves a trusted inventory to Axiom, Foresight, Mural and the tools you already run, by API.



HOW IT DEPLOYS

Surveyor desktop collector

Atlas Agent (remote)

Enduring ops build

Trust what you know.



Hold the standard

Golden configuration for every device, written once and deployed across Cisco, Juniper and more.



Catch the change nobody logged

Compares every running config with its intended state and flags the drift.



Fix it in one push

Push-button remediation for common security and compliance issues, across devices.



Run upgrades as a campaign

OS upgrades staged, installed and verified device by device.



Prove compliance on demand

STIG findings across Cisco, Juniper and Palo Alto, exported as CKL and POA&M.



Template once. Deploy everywhere.

Ask your IT **anything.**



Ask in plain English

"Which switches are past end of support?" gets an answer with no query language and no ticket to an SME.



Run AI where the cloud can't go

On-premises and air-gap capable, inside the enclave with the data it answers from.



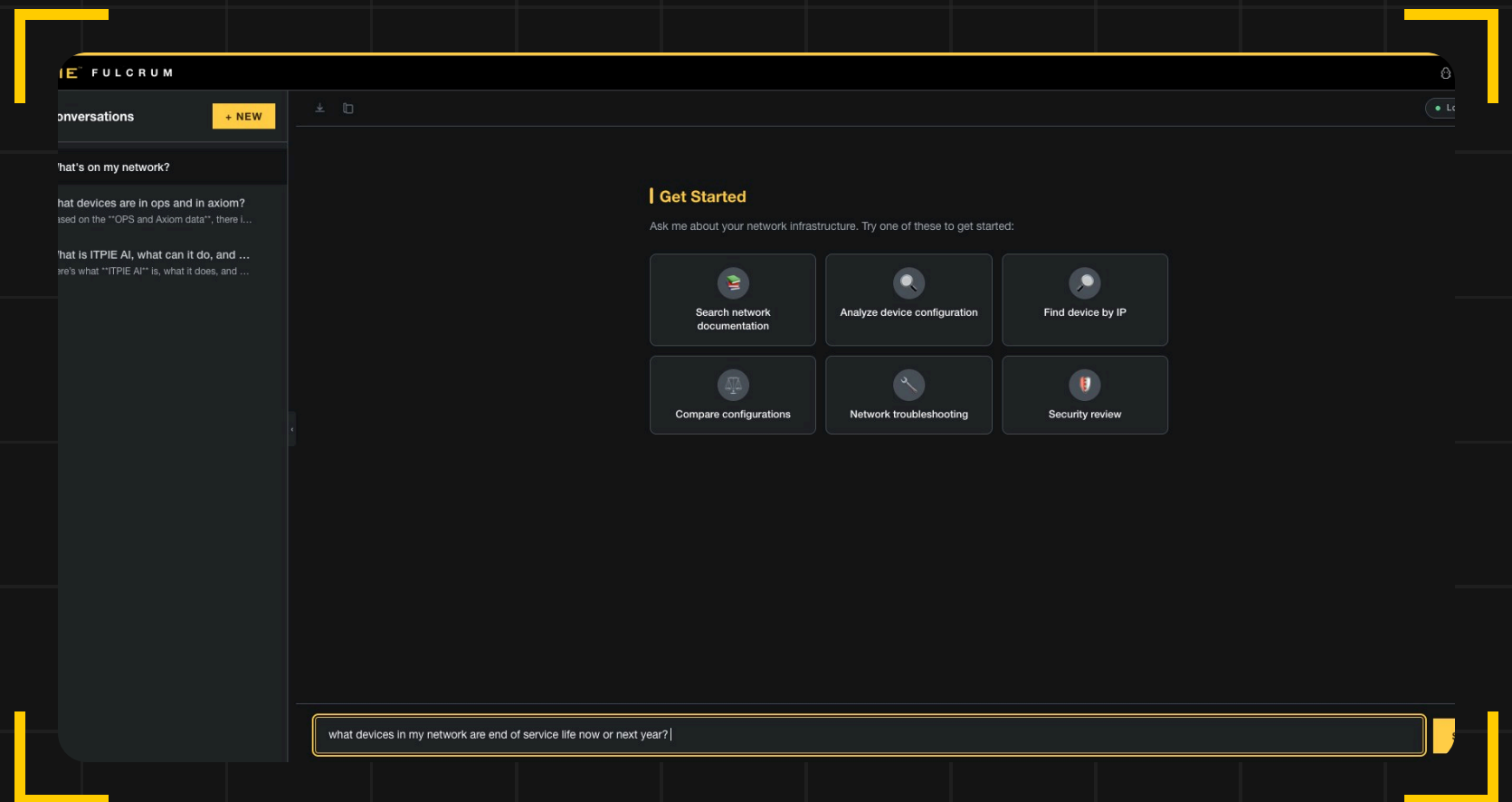
Keep control of the model

Use the models on the box or the providers you have approved. You choose, and you can change later.



Reach every product

ITPIE products register MCP tool-servers, so Fulcrum answers about them with no custom integration.



Closed-environment AI for defense IT.

— PLATFORM: POLARIS



Command IT, from one login.



One appliance, every product

Every deployable product, integrated before it ships. Nothing to stitch together on site.



Pick your own mix

Build a bundle with just the products you want. The start page shows what the appliance runs.



Hardened for the enclave

FIPS and STIG-hardened with OpenSCAP, audit-logged and air-gap capable.



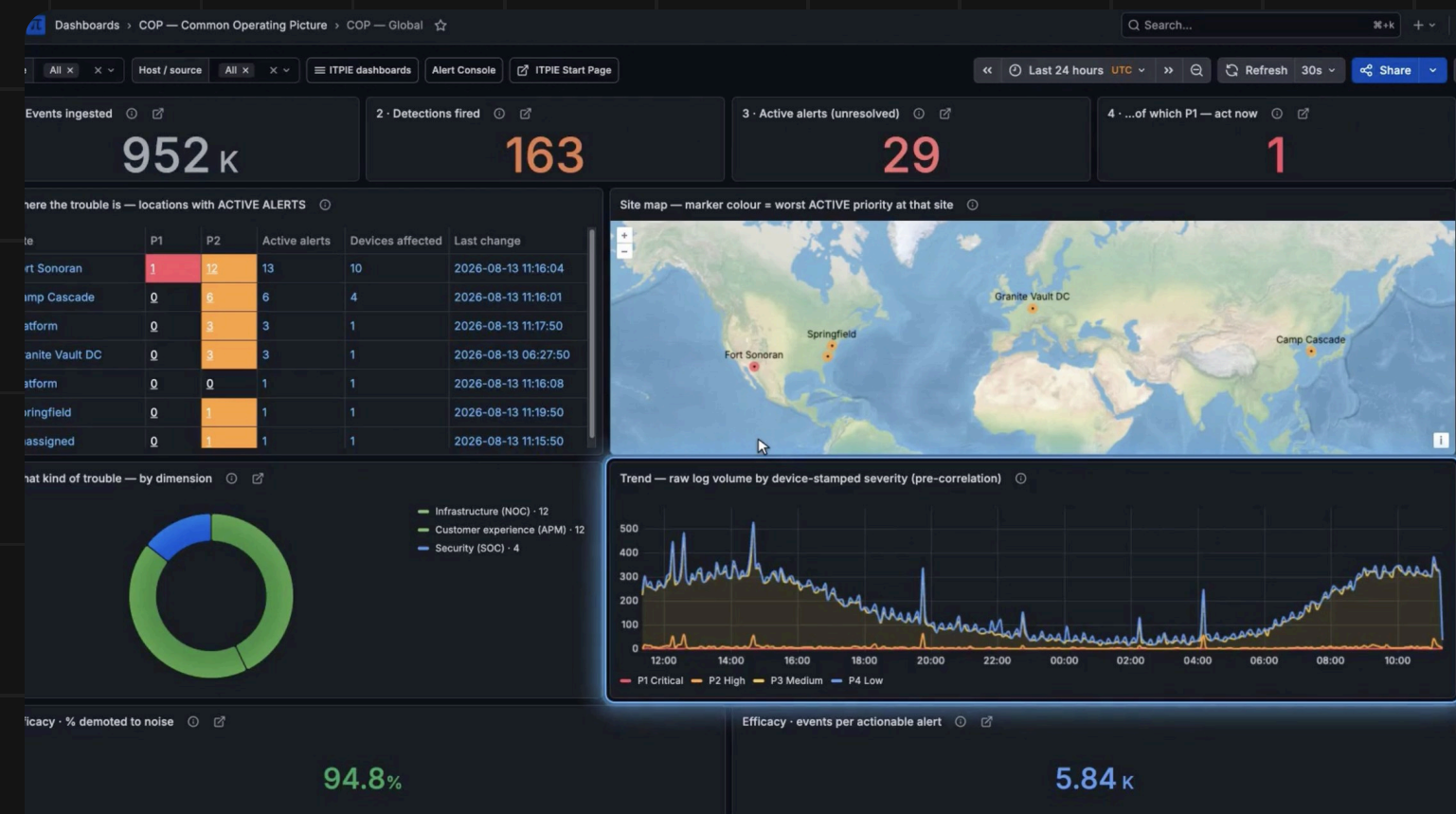
Update with a way back

A/B updates with rollback, from a local artifact mirror with no outbound dependency.



Get the SBOM without asking

A CycloneDX SBOM per product, delivered with the software and sent to Dependency-Track.



SHIPS AS

STIG-hardened appliance

Secrets on the appliance

CAC/PIV sign-on

Air-gap capable

Pre-integrated. Already hardened. **Ready to go.**

LAYER 01 • WHAT OPERATORS USE

Operational surface

Inventory, configuration, events, AI + the NOC wall for ops.

Atlas

Axiom

Fulcrum

Common operating picture

LAYER 02 • INTEGRATED BEFORE IT SHIPS

Assembled substrate

Source of truth, identity, security + integrations, assembled + integrated.

One source of truth

CAC/PIV single sign-on

Secrets stored on the appliance

Ticketing through Cascade

LAYER 03 • THE ATO CLOCK STARTS AHEAD

Hardened appliance

FIPS and STIG-hardened with OpenSCAP, built for ATO readiness.

FIPS + STIG-hardened

OpenSCAP scanning

CycloneDX SBOM per product

Audit-logged + air-gap capable



Buy the one tool you need today. Go full-platform, without change.

Same engine at every step. Moving up never means re-platforming.

On-prem or air-gapped

Pre-integrated

1

Start with one tool

Atlas for visibility. Axiom for configuration and compliance. Start with one product, or run the whole platform. Same products either way.



2

Add the next one

Tools already share identity, packaging and data. A second tool arrives pre-integrated, with nothing to stitch together. Atlas feeds Axiom's source of truth.



3

Run it all on Polaris

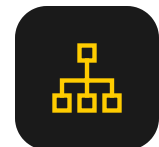
Every deployable ITPIE product, pre-integrated on one hardened appliance, with one sign-in. Add Fulcrum for AI. Fleet admin: in development.

NETMOD: 85,000 switches. Zero downtime. \$12M saved.

THE SITUATION



Modernize the Army's entire network across 115+ installations without disrupting operations



100+ sites with unique configs, naming and network design



Limited site access, with zero downtime allowed



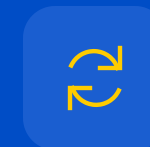
ITPIE FIX



Atlas remote discovery: full inventory with no physical survey, one site visit per location



Standardized architecture with 99% accuracy across configs, materials and assets



ITPIE plus VAE engineers running in parallel for hot-cut migrations without downtime

THE OUTCOME

Made "impossible" routine. On time, on budget, zero mission disruptions across NETMOD.