

Operator-Built. Battle-Tested.

The Only Army-Proven

Network Intelligence & Automation Platform



**"NETMOD Engineers will not
migrate a base without ITPIE"**





We build **operator tools** to answer
mission critical network questions.



Operators face “impossible” questions



"How do we track across classified and unclassified networks?"



"Where did this device go after it was compromised?"



"Show me every connection across our domains."



"What's the impact if this component fails?"



ITPIE is **built**
to answer them



When you need **intelligence that doesn't exist.**



When the mission allows for **no margin for error.**



When everything depends on **what only you can discover.**

Proven and trusted to deliver exactly what Army network operators need the most.



Complete Network Intelligence is Mission-Critical

12,077+ cyber incidents in DoD systems

91% = no discovery date

91 zero trust required capabilities
outcomes by 2027

150% surge in China cyber ops

52% IT enviros cloud-based

\$843,360+ = per hour cost of critical
network downtime

12-15 hours annual downtime

70%+ of enterprises report say network
maturity negatively affects delivery

40% outages = human error



Network Tools Don't Translate to DoD

Commercial Network & Automation **Tools Cannot:**

- ✗ Operate in air-gapped environments
- ✗ Provide cross-domain visibility
- ✗ Deliver mission-speed responses

"Great" isn't good enough
when you need perfect.



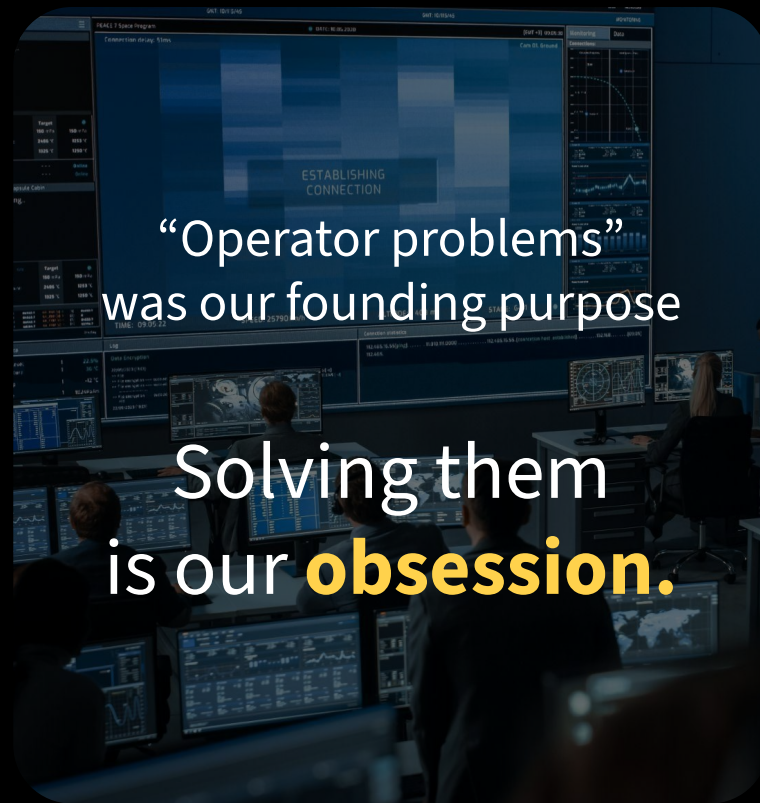
ITPIE was built for DoD Ops by Army Engineers

Born from an impossible mission

**"We detected a threat. We have a MAC address.
Find where it went."**

This is a nightmare for any Army network manager responsible for IT infrastructure that spans continents — an "impossible" mission-critical task.

An engineer with this exact situation became one of ITPIE's earliest developers



**"Operator problems"
was our founding purpose**

**Solving them
is our **obsession.****



Integrated tools for **complete network intelligence** + **reliable enterprise automation**

MISSION-CRITICAL NETWORK INTELLIGENCE

Ops Discovery

Axiom Automation

AI Augmentation



Operator-built. DoD-tested. APL certified.

Why ITPIE vs. Everyone Else

Army Requirement	ITPIE Ops + Axiom + AI	Commercial Tools
Air-gapped operations	✓ Full offline capability	✗ Internet required
Cross-domain mapping	✓ HAIPEs integration	✗ Stops at boundaries
Army-scale validation	✓ 50,000+ devices, 6 years	✗ Enterprise-only
Natural language AI	✓ Conversational interface	✗ Complex commands
Mission-speed performance	✓ Sub-second response	✗ Slow during crises
DoD tested and approved	✓ Active installations	✗ Lack military validation

Bottom line: Only ITPIE delivers on every DoD requirement



Find All your Devices Anywhere — on a Dime

The Impossible Question

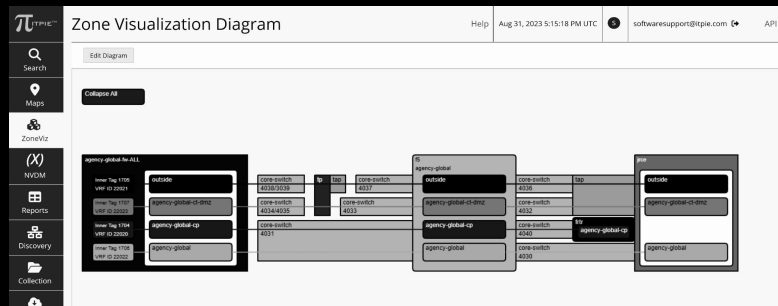
“I’ve got an outage. What’s impacted,
and how do I fix it?”

Without
ITPIE Ops

Hours of expert-level manual
work across multiple systems

ITPIE Answers IT:

- ➔ **Real-time tracking** with 5-minute ARP collection
- ➔ **Device relationships and state** across networks
- ➔ Complete **device-specific history**
- ➔ **Local visualization** across MAC/IP/ARP



Innate Network Awareness to Act Quick



Map & Know the Full Network

The Impossible Question

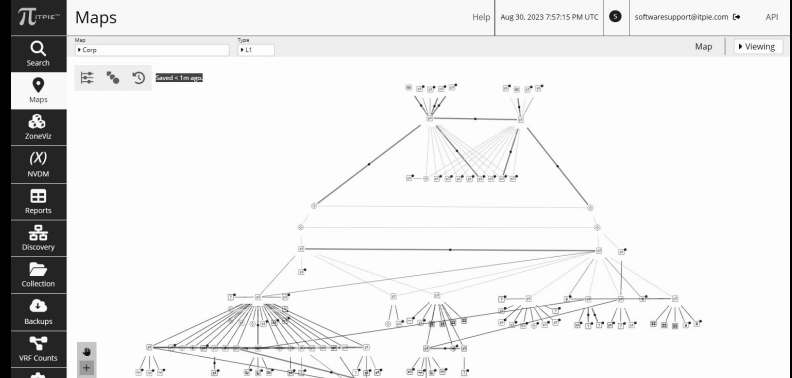
“How to track across classified
and unclassified networks?”

**Without
ITPIE Ops**

Threats hide between classification
levels and security domains

ITPIE Answers IT:

- ➔ **Only platform** that integrates with NSA-certified HAIPes
- ➔ **Real-time visibility** across classified/unclassified domains
- ➔ **Complete operational picture** never achieved before



Battlefield Awareness. No Blind Spots.



Ask Questions in Plain English. Get Instant Expert Answers.

The Impossible Question

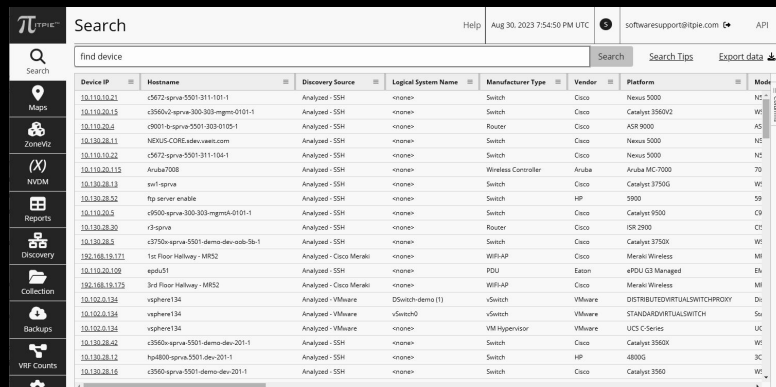
“Where can we speed up, and where can we reduce risk?”

**Without
ITPIE Ops**

Takes rare expertise + months to plan, develop, configure, and automate

OPS Answers IT:

- ➔ **Unify network ops** to design for future-state
- ➔ **Automate compliance** based on reliable, complete data
- ➔ Assess impact/**discover crucial dependencies** when scaling



The screenshot shows the ITPIE Search interface. The top bar includes the ITPIE logo, a search bar, and navigation links for Help, a date/time stamp (Aug 30, 2023 7:54:50 PM UTC), a user profile, and an API link. The left sidebar contains navigation icons for Search, Maps, Zone/iz, NVDIM, Reports, Discovery, Collection, Backups, and VRF Counts. The main area displays a table of network devices with columns for Device IP, Hostname, Discovery Source, Logical System Name, Manufacturer Type, Vendor, Platform, and Mode. The table lists various devices including switches, routers, and wireless controllers from vendors like Cisco, Aruba, and HP.

Device IP	Hostname	Discovery Source	Logical System Name	Manufacturer Type	Vendor	Platform	Mode
10.110.10.21	c5672-sgrwa-5501-311-101-1	Analysed - SSH	<none>	Switch	Cisco	Nexus 5500	N2
10.110.20.15	c3560-2-sgrwa-300-303-mgmt-0101-1	Analysed - SSH	<none>	Switch	Cisco	Catalyst 3560K2	W
10.110.20.6	c9001-8-sgrwa-5501-303-0105-1	Analysed - SSH	<none>	Router	Cisco	ISR 9000	AS
10.110.28.11	NBRUS-CORE-advswt.com	Analysed - SSH	<none>	Switch	Cisco	Nexus 5000	N2
10.110.10.22	c5672-sgrwa-5501-311-104-1	Analysed - SSH	<none>	Switch	Cisco	Nexus 5000	N2
10.110.20.115	Aruba7008	Analysed - SSH	<none>	Wireless Controller	Aruba	Aruba MC 7000	70
10.110.28.13	sw1-sgrwa	Analysed - SSH	<none>	Switch	Cisco	Catalyst 3750G	W
10.130.28.52	ftp server enable	Analysed - SSH	<none>	Switch	HP	3900	S9
10.110.20.5	c9500-sgrwa-300-303-mgmt-0101-1	Analysed - SSH	<none>	Switch	Cisco	Catalyst 9500	CS
10.130.28.20	r3-sgrwa	Analysed - SSH	<none>	Router	Cisco	ISR 2900	CS
10.130.28.5	c3750-sgrwa-5501-demo-dev-03b-1	Analysed - SSH	<none>	Switch	Cisco	Catalyst 3750K	W
192.168.19.171	1st Floor Hallway - MR52	Analysed - Cisco Meraki	<none>	WiFi-AP	Cisco	Meraki Wireless	MR
10.110.20.109	apdu01	Analysed - SSH	<none>	POU	Eaton	vPOU G3 Managed	EB
192.168.19.175	3rd Floor Hallway - MR52	Analysed - Cisco Meraki	<none>	WiFi-AP	Cisco	Meraki Wireless	MR
10.102.0.134	vswitch134	Analysed - VMware	DSwitch-demo (1)	vSwitch	VMware	DISTRIBUTEDVIRTUALSWITCHPROXY	Di
10.102.0.134	vswitch134	Analysed - VMware	vSwitch0	vSwitch	VMware	STANDARDVIRTUALSWITCH	Su
10.102.0.134	vswitch134	Analysed - VMware	VM Hypervisor	VMware	VMware	UCS C-Series	UC
10.130.28.62	c3560-sgrwa-5501-demo-dev-201-1	Analysed - SSH	<none>	Switch	Cisco	Catalyst 3560K	W
10.130.28.12	hp4800-sgrwa-5501-dev-201-1	Analysed - SSH	<none>	Switch	HP	4800G	3C
10.130.28.16	c3560-sgrwa-5501-demo-dev-201-1	Analysed - SSH	<none>	Switch	Cisco	Catalyst 3560	W

Natural Queries to Supe-up the Operator



Template Once, Deploy Everywhere

The Challenge

Policy consistency across Cisco, Juniper, and emerging tech requires an army of specialists. Every vendor has different configuration syntax.

**Without
Axiom**

Manual configuration causes issues
and scale poorly across vendors

Axiom Automates IT:

- ➔ **Golden configuration templates** written once, deployed universally
- ➔ **Approval-based workflows** ensure change control at scale
- ➔ **All-terrain deployment** works in air-gapped networks where competitors fail

Config Plans										
10 Completed Plans Configure Filter Save Views Add Config Plan										
Device	Created	Plan Type	Feature	Change Control ID	Change Control URL	Plan Result	Deploy Result	Config Set	Status	
☐ c5672-sprve-5501-311-104-1	08/08/2023 12:44 p.m.	Intended	aaa, banner, features, services, logging, ntp, snmp, vty	—	—		—		Approved	
☐ c5672-sprve-5501-311-101-1	08/08/2023 12:44 p.m.	Intended	aaa, banner, features, services, logging, ntp, snmp, vty	—	—		—		Not Approved	
☐ c3750-sprve-5501-368-101-1	08/08/2023 12:44 p.m.	Intended	aaa, banner, dns, ntp, snmp, vty	—	—		—		Not Approved	
☐ c3750-sprve-5501-311-1w-1	08/08/2023 12:44 p.m.	Intended	aaa, banner, dns, ntp, snmp, vty	—	—		—		Not Approved	
☐ c3750-sprve-5501-311-104-mgmt-1	08/08/2023 12:44 p.m.	Intended	aaa, banner, dns, ntp, snmp, vty	—	—		—		Not Approved	
☐ c3602-sprve-300-303-mgmt-0105-1	08/08/2023 12:44 p.m.	Intended	aaa, banner, dns, ntp, snmp, vty	—	—		—		Not Approved	
☐ c3602-sprve-300-303-mgmt-0105-1	08/08/2023 12:43 p.m.	Remediation	aaa, acl, ntp, snmp, vty	—	—		—		Not Approved	
☐ c5672-sprve-5501-311-104-1	08/08/2023 12:43 p.m.	Missing	aaa, features, services, logging, ntp, snmp, vty	—	—		—		Not Approved	
☐ c5672-sprve-5501-311-101-1	08/08/2023 12:43 p.m.	Missing	aaa, logging, ntp, snmp, vty	—	—		—		Approved	
☐ c3750-sprve-5501-368-101-1	08/08/2023 12:43 p.m.	Missing	aaa, ntp, snmp, vty	—	—		—		Not Approved	
☐ c3750-sprve-5501-311-1w-1	08/08/2023 12:43 p.m.	Missing	aaa, ntp, snmp, vty	—	—		—		Not Approved	
☐ c3750-sprve-5501-311-104-mgmt-1	08/08/2023 12:43 p.m.	Missing	aaa, ntp, snmp, vty	—	—		—		Not Approved	
☐ c3602-sprve-300-303-mgmt-0105-1	08/08/2023 12:43 p.m.	Missing	aaa, ntp, snmp, vty	—	—		—		Not Approved	

Control All Your Networks Everywhere — with Intelligence

The Challenge

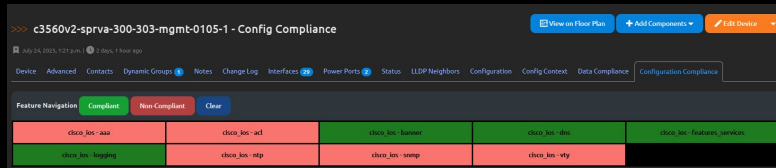
Compliance-ready automation for 85k devices in multi-vendor, air-gapped environments.

Without Axiom

Hours of expert-level manual work
across fragmented systems

Axiom Automates IT

- **AI-augmented templates** deploy across any vendor, any environment
- **Intent-based automation** maintains compliance without manual intervention
- **Real-time policy enforcement** prevents configuration drift
- **Government-proven reliability** at true global scale



Automate with Confidence



Self-Healing Networks — Always Inspection Ready

The Challenge

Network reality must match documented intent immediately, not after weeks of preparation.

Without Axiom

Point-in-time assessments with compliance gaps between cycles

Axiom Automates IT

- **Continuous intent monitoring** compares actual state vs. policy templates
- **Automatic drift detection** enables remediation workflows
- **Real-time compliance proof** instead of documentation scrambles
- **Closed-loop automation** maintains security posture without human intervention

NTP	
Status	Non-Compliant 21
Intended Configuration	<pre>ntp logging ntp source vlan10 ntp update-calendar ntp server 10.51.110.31 prefer ntp server 10.51.120.31</pre>
Actual Configuration	<pre>ntp server 132.163.96.5</pre>
Missing Configuration	<pre>ntp logging ntp source vlan10 ntp update-calendar ntp server 10.51.110.31 prefer ntp server 10.51.120.31</pre>
Extra Configuration	<pre>ntp server 132.163.96.5</pre>
Remediating Configuration	<pre>no ntp server 132.163.96.5 ntp logging ntp source vlan10 ntp update-calendar ntp server 10.51.110.31 prefer ntp server 10.51.120.31</pre>

Army's NETMOD Success = Enabled by ITPIE

ITPIE Does IT:

Largest Modernization in Military History

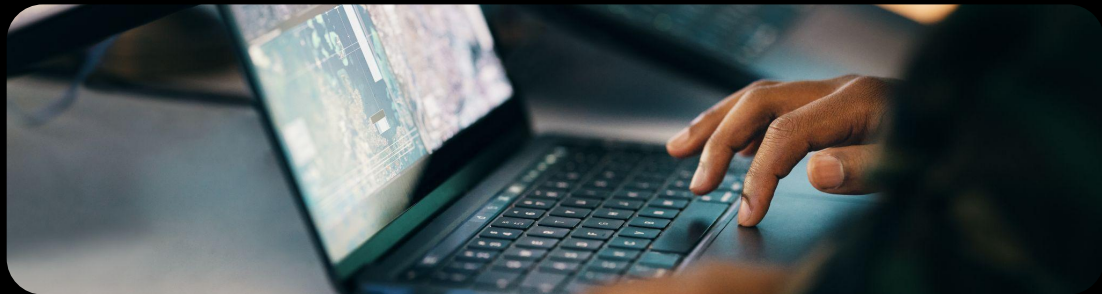
The Mission

Modernize the Army's entire **network infrastructure** over 6 years—**without operational disruption.**



ITPIE Results

- **Full remote inventory** without physical survey
- **Single site visit** per location
- **On time, on budget** delivery
- **Zero mission disruptions**



ITPIE Delivers Army-scale Modernization

85,000+ network switches

115+ CONUS, SWA, EUR installations

99% accuracy for all configs

16+ sites per year

\$12M+ Savings vs. traditional approaches

**"NETMOD Engineers will not migrate
a base without ITPIE"**

- Army Engineering Leadership



ITPIE Makes the Network Drive the Mission Forward

Commercial Tools = Limits Ops Teams

- ✗ Hours of manual threat hunting
- ✗ Blind spots between domains
- ✗ Expert-only complex tools
- ✗ Hope tools work during crisis
- ✗ Reactive firefighting

ITPIE: Ops + Axiom + AI = Unlocks Ops Teams

- ✓ Minutes to a complete analysis
- ✓ Complete cross-domain visibility
- ✓ Natural language for any operator
- ✓ Know they can, when it matters
- ✓ Proactive mission support



Bottom line: Ops team know they can figure out whatever comes their way.

ITPIE does IT better.



Live Demonstration

See ITPIE's best-loved features in-action

Pilot Program

Get a 30-day proof of concept in your environment

Technicals Discussion

60 minutes to talk tech with our Army engineers

Peer-Proof References

Talk to network managers who've
used ITPIE for years





ITPIE does IT better.



**The only Army-scale proven network
intelligence & automation platform**
for mission-critical operations



Experience the difference
of DoD-grade tools



Arming Ops teams
with the **network
intelligence they need**
to respond at mission speed.



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Army NETMOD

Modernization
Case Study

