

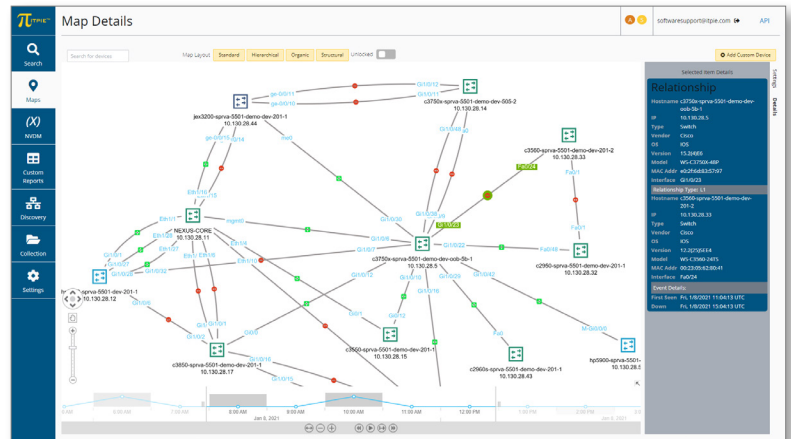


What's on Your Network?

Complete insight and integration capabilities for clarity and control of your network.

WHY ITPIE™ DELIVERS WHERE OTHERS CAN'T

Information Technology Programmable Integration Engine (ITPIE™) is the practical answer to obtaining enriched/contextualized network discovery data, asset management, and configuration management. It was built for large multi-vendor, multi-tenant, and security segmented Enterprise Environments such as the Department of Defense (DoD) and the Intelligence Community (IC). ITPIE™ is a cooperative software suite designed to discover, enrich, and then communicate intelligence either directly through ITPIE™'s User Interface (UI) or using the API's import/export to other Configuration Management or Big Data Platforms.



Maps with a Time Slider - ITPIE™'s network maps can also show the network topology changing over time. Zoom in from weeks to a single hour and have the insight of the precise second a device came on the network or a connection went down.

ITPIE™ is the only network discovery tool approved for DoD-wide use by the Defense Information Assurance (IA) Security Accreditation Working Group (DSAWG). It provides All Terrain Collection, in-depth Asset Management, detailed Configuration Management, Dynamic Data Visualization, and Intelligent Search capabilities that enable network modernizations, network sustainment, and cybersecurity operations. Customer results include cost savings, reduced down-time and outages and a compelling ROI. It is used by Large Enterprises, Service Providers, the DoD MILDEPs, and COCOMs, providing information dominance, total asset visibility, and the ability to effect rapid and controlled change.

KEY FEATURES AND FUNCTIONALITIES

	<p>Complete Discovery & Collection FIND EVERYTHING WITH AN IP ADDRESS Never miss a device regardless of OS.</p>		<p>NVDM™ Network Variable Data Management COLLABORATIVE NETWORK PLANNING & REPORTING TOOL A full database of all your devices.</p> <ul style="list-style-type: none"> - Multi-user/multi-tenant collaboration - Diff of planned and actual state - Manage standards and policy - Custom reporting - Single Source of Truth
	<p>All Terrain Collection CLOUD – ENTERPRISE – TACTICAL – ZERO TOUCH Remote air gapped locations are now a snap to collect.</p>		<p>Intelligent Search SEARCH YOUR NETWORK LIKE YOU SEARCH THE INTERNET A simple “Find” command coupled with MAC, Inventory, Device, VRF, ARP, and more...finds it all.</p>
	<p>Network Maps + Time Slider SHOW HOW THE NETWORK MORPHS OVER TIME Bring your network maps to life. Using time slider, watch how your network has changed over time.</p>		<p>Automated Code Config Pushes PUSH CONFIGURATIONS WITHOUT USING CODE Automation to empower even those with minimal ITPIE training.</p>

DEPLOYMENT OPTIONS

ITPIE™ can be deployed on-premises or on an air-gapped network. Network requirements: SSH must be configured and working on the network devices from which ITPIE™ will collect data. The OS instance on which ITPIE™ is installed must have IP and SSH port reachability to the network devices, either directly, or via a jump server. ITPIE™ has little to no impact on network traffic because it is non-intrusive - running standard show commands.

COLLECTION ON AIR-GAPPED NETWORK REQUIREMENTS	ON-PREMISES — CLOUD — HYBRID DEPLOYMENT OPTIONS
<p>IPC Laptop running any MS Windows OS, Microsoft .NET 4.6.2 and Administrator rights to collect.</p> <p>No ITPIE™ software required to be installed. Yes, that's it.</p>	<p>ITPIE™'s server based solution scales to 90,000+ devices. Storage, memory, and number of processors will depend on the size of the network it is being used on, but as a guide for a network with 2,500 devices we suggest the following:</p> <ul style="list-style-type: none"> • 250 GB storage • 16 GB memory • 4 core processors

COMMON USE CASES

Modernization	Network Operations
Technology Refresh	Cybersecurity
Network Migrations	Inventory and Compliance

VENDOR AND DEVICE SUPPORT

ITPIE™ supports over 65 OS versions representing hundreds of platforms and device types. Some of the OS versions ITPIE™ supports include:



ARISTA



Spectrum

ACAS



splunk



citrix



riverbed

JUNIPER NETWORKS



vmware

Gigamon

Schedule your no-cost assessment and get a snapshot of your network.



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ABOUT VAE

ITPIE™ is a division of VAE. VAE provides full service IT Infrastructure Solutions for building, securing, and supporting our clients' mission critical enterprises. The company's primary focus is the provision of Advanced Enterprise Infrastructure Solutions to organizations supporting the Warfighter. VAE has directly supported the Army and other Pentagon organizations for the last 14 years. VAE's architects and engineers integrate the best approaches and solutions to address the most complex enterprise network and system security challenges.