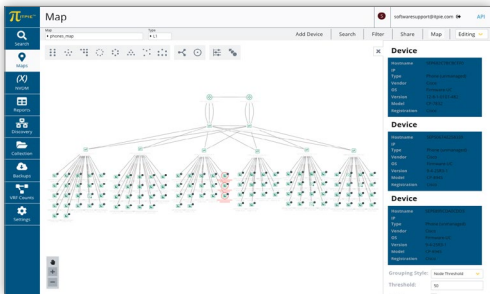


## WHY UCPIE DELIVERS WHERE OTHERS CAN'T

Decommissioning a time division multiplexing (TDM) circuit switched network to voice over internet protocol (VoIP) with unified communications (UC) can be a lengthy and manually laborious project! The process requires collecting a comprehensive inventory of phone data. Below are just a few of the required fields:

| PHONE LOCATIONS & SETTINGS  | CALL ROUTING CONFIGURATIONS  |
|---|--|
| <ul style="list-style-type: none"> <li>• Location addresses</li> <li>• Features</li> <li>• Options and line associations</li> </ul> | <ul style="list-style-type: none"> <li>• "Hotline" sources and targets</li> <li>• Shared line assignments</li> <li>• Transformation rules</li> <li>• Privileges</li> <li>• Trunk Grouping</li> </ul> |



**Map with UC Connections** - UCPIE adds telephony details to collaboration devices. Phone numbers and uniform resource identifiers (URI) are associated with discovered and collected network devices.






Manual surveys and frame verifications are error prone. Meanwhile the data is time sensitive and quickly becomes outdated.

UCPIE supports the specific requirements of a TDM and UC environment. This feature automates the collection and normalizes the data from disparate sources to perform rapid site surveys and frame verifications. Analysis of collected data associates phone numbers, with TDM switch ports, and locations. Automating this survey reduces human error while significantly reducing labor hours. Project efforts can be focused on Engineering and Migration instead of data collection.

After migration, a production telephony system frequently changes. This causes database data to diverge from the live system. With UCPIE, changes are collected periodically to keep a history of configuration modifications. Collection data is maintained in a normalized vendor agnostic format and used to generate up-to-date reports.

Engineers and decision makers can use these results, along with an ITPIE network collection, as a preliminary data source for project planning, execution and infrastructure decision making.

## COMPLETE DISCOVERY & COLLECTION

|   |  |
|---|--|
|  <p><b>Complete Discovery &amp; Collection</b><br/>FIND UC DEVICES<br/>Never miss a device regardless of OS.</p>  |  <p><b>NVDM™ Network Variable Data Management</b><br/>COLLABORATIVE NETWORK PLANNING &amp; REPORTING TOOL<br/>A full database of all your devices.</p> <ul style="list-style-type: none"> <li>- Multi-user/multi-tenant collaboration</li> <li>- Diff of planned and actual state</li> <li>- Manage standards and policy</li> <li>- Custom reporting</li> <li>- Single Source of Truth</li> </ul> |
|  <p><b>All Terrain Collection</b><br/>CLOUD – ENTERPRISE – TACTICAL – ZERO TOUCH<br/>Remote air gapped locations are now a snap to collect.</p>   |  |
|  <p><b>Network Maps + Time Slider</b><br/>SHOW HOW THE NETWORK MORPHS OVER TIME<br/>Bring your network maps to life. Using time slider, watch how your network has changed over time.</p> |  |
|   |  <p><b>Intelligent Search</b><br/>SEARCH YOUR NETWORK LIKE YOU SEARCH THE INTERNET<br/>A simple "Find" command coupled with MAC, Inventory, Device, VRF, ARP, and more...finds it all.</p>  |

## DEPLOYMENT OPTIONS

| COLLECTION ON AIR-GAPPED NETWORK REQUIREMENTS   | ON-PREMISES — CLOUD — HYBRID DEPLOYMENT OPTIONS  |
|---|--|
| <p>UIPC 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"> <li>• 250 GB storage</li> <li>• 16 GB memory</li> <li>• 4 core processors</li> </ul> |



### 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. GWAC NASA SEWP V • Contract #: NNg15SC94B • Exp: April 2025 • [www.vaeit.com](http://www.vaeit.com)