

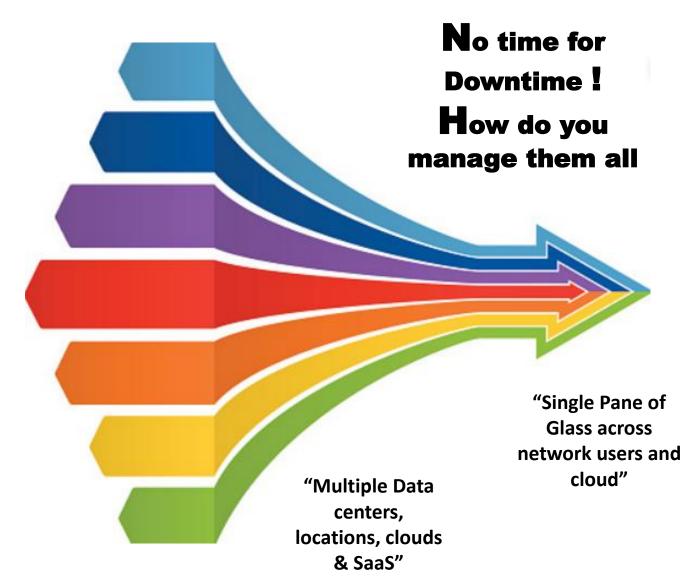
DME ProPatch Intelligent Solution

Real-time Monitoring and Managing of connected devices made simple with seamless integration of high end intelligent physical infrastructure and abundant software functionalities





DME Prolink offers and extensive robust platform by integrating the Intelligent Infrastructure in Copper and Fiber along with the **Netalytics** Software to achieve the functionalities for Monitoring, Managing and Maintaining the Network infrastructure through a single portal. The platform offers the facility to define a functionality through work order for the IT Team to record and monitor the Changes within the network and offers a real time monitoring and alert to them for any unauthorized intrusion detected in the system.



"Netalytics is a unified infrastructure and network management service portal that offers discovery, monitor, manage and billing platform through a single administrative tool"

"Single Platform for your entire network"

"Supports entire range of cloud services and IP devices"

Real-time security – Vulnerability, validations and compliance

Patch monitoring – OS Level, Application level and network devices.

Netalytics Key Capabilities



Consolidate L1 and L2 support

Reduce the complexity and time spent managing Networking gear and user accounts. With Netalytics, you can efficiently manage everything from one place, and perform tasks with ease. No more training L1/L2 support teams on individual products Ease of managing passwords – no longer have to share sensitive passwords with team members or train team members across various products and portals

Proactively monitor and manage assets (On premise and cloud)

Monitor your Network infrastructure (Routers, Firewalls, Access points, Switches), Microsoft Office 365 security, Google Cloud, Microsoft Azure and Amazon AWS, Cisco Stack (Meraki, Umbrella, WebEx Teams) - anytime there's a disruption or outage, notifications put you in a position to be proactive. Also supports CCTV monitoring (IP Cameras and NVRs). You can also set alerts on usage to proactively upsell clients when they're close to capacity.





Reduces non-compliance

Fully automates the Asset discovery process (onpremises or cloud)

Network documentation (topology, IP addresses)

Reminders for Renewals and Warranty

Configuration backups for business continuity

Benefits

- Connection Monitoring
- Real Time Alert
- It is Cross-Connection Guide
- Easy Maintenance and Management
- Enables proper network visibility. Records and documents all Moves, Adds and Changes
- Meets the requirements of ANSI/TIA/EIA-606-A Standard, Class 4
- The simplicity of the system design enables users to save costs in training, management & maintenance.

4 DME ProPatch Intelligent Solution



Monitoring Capabilities

Discovery of the network devices & systems and present the topology to manage. Provides the facility to perform all administrative and maintenance functions and support services that is possible remotely.

Supports Unified Network rules , manages the Networking policies across the portfolio of the devices and networks at a single click at org level using the configuration templates.

Policy Template management - Device configuration version management and adapting and configuring the devices through managed agent . it helps to check for any deviation in the configuration of the devices.

Productivity - Provide more responsive and cost-effective services to its customers.

Generates the support tickets and provides the complete range of help desk functionality and track them to closure.

Performance & Fault Monitoring charts and dashboards

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Netalytics Alerts

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- o Dynamic Thresholding and Multivariate anomaly detection
- o Sequential Pattern Analysis for Incident Prediction
- o Disk/Network Bandwidth Performance monitoring Analytics
- o Critical thresholds based on auto learning performance setup
- o Server & Switch Application Gateway monitoring
- o Database services and disk utilization / log management
- Reboot / configuration
- o OS /Patch / Back up monitoring
- Web Services / application servers monitoring
- Ports performance monitoring
- JVM monitoring
- Response Time & Load / CPU / Memory /Network bandwidth monitoring
- Log Analysis , log events analysis
- Monitor critical parameters of JVM like JVM CPU usage count, memory usage, GC count, GC time and thread summary
- AD monitoring

Netalytics and its Affiliates

Robust SCAP 1.2 Capabilities

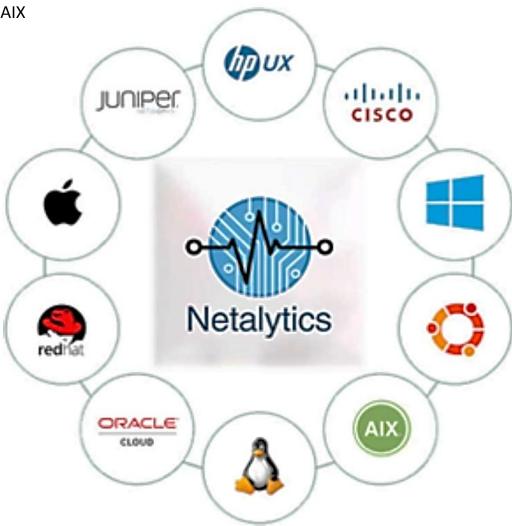
OVAL, XCCDF, SCE, OCIL, CPE, CCE, CVE, Data streams, ARF

Proven support for NIST validation requirements

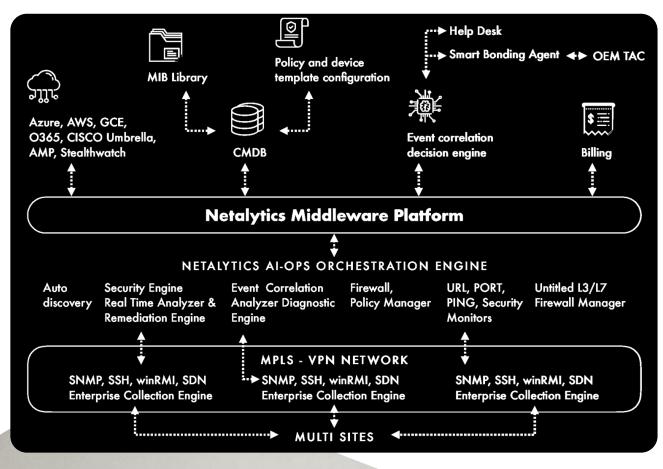
Supports:

- •Cisco
- RedHat Linux
- Microsoft Windows
- •SuSe Linux
- VMWare ESXi
- Juniper
- •Apple Mac
- •AIX





Solution Architecture



Auto Thresholding

Application Performance Monitoring

Learning Engine

Auto Remediation



Storage



Key Features

Automatically discover the entire network using NMAP, CDP, FDP, LLDP, OSPF, BGP, SNMP and ARP

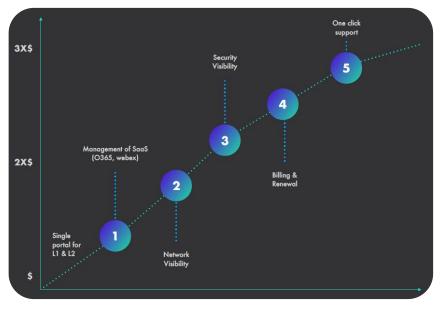
Supports NetFlow and sFlow for traffic analysis

Customizable Alerting – set thresholds for various counters and get alerted via Emails

Configuration backups

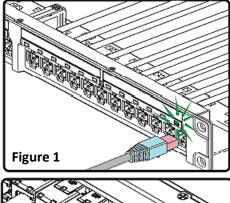
Automatic Updates & Device Pack updates and recommendations

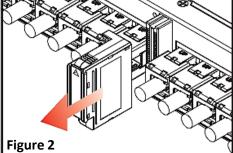
Supports Active Directory (LDAP) based authentication Security Supports Amazon AWS, Google Cloud, Microsoft Azure and Office 365, WebEx Teams, Cisco Umbrella, Cisco Meraki via APIs and simple secret key based integration

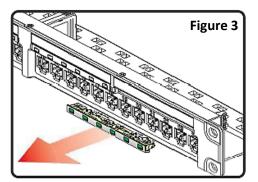


Support for all critical functions

DME ProPatch Intelligent Hardware







Product Features

- DME ProPatch Copper Panels uses standard RJ45 Patch Leads (CAT5e, CAT6 and CAT6A) as shown on Figure 1. DME ProPatch Fiber Panel used standard LC or SC Fiber Patch cords
- With customizable software and LED indicator on DME ProPatch Panels, patching management become a very easy task.
- Any unauthorized activity will create a real time alert message.
- The complete DME ProPatch system is simple and modular. Each modules like MCU Modules (Figure 2) and LED modules (Figure 3) can be easily replaced without affecting the installed system.
- LED indicators with 2 colors RED and GREEN
- DME ProPatch Fiber Panels can accommodate both LC-MPO and SC-MPO cassettes.
- AutoCAD file can be uploaded to the DME ProPatch software creating a Database for reference.
- Via Internet, through Webpage the cabling system can be monitored and controlled remotely.







SC MPO Cassette

Specification

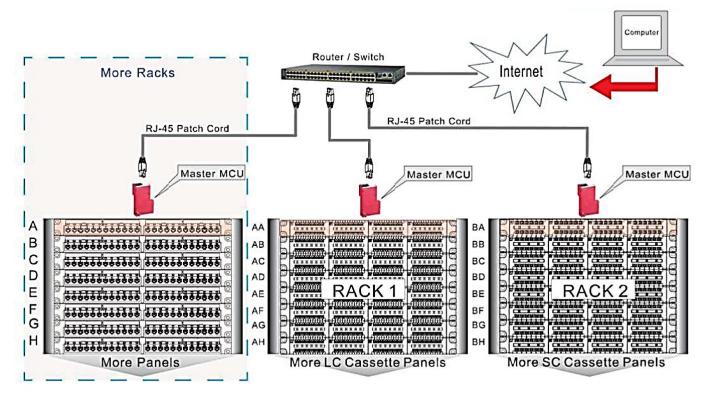
- Through each IP address it controls each Master MCU
- Each Master MCU can control 19 Slave MCU
- Power Supply: 5V/3A DC can support one rack panels
- Fiber LC-MPO Cassette Panel: 1U 48-Channel (96-Fiber)
- Fiber SC-MPO Cassette Panel: 1U 24-Channel (48-Fiber)
- Copper Patch Panel: 1U 24-Port

Power Usage

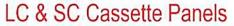
| Default Mode | Power Consumption | Annual Total Power Consumption |
|--------------|-------------------|--------------------------------|
| Mute | 0.005W/Panel | 0.05 KW.h /Panel |
| Running | 0.1 W/Panel | 0.9 KW.h /Panel |
| Light | 0.135 W/Panel | 1.2 KW.h /Panel |

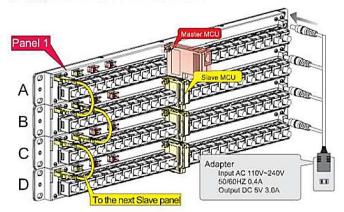
DME ProPatch Intelligent Hardware

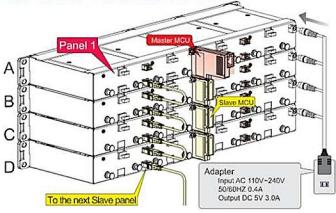
DME ProPatch Intelligent Solution



Copper Patch Panels







DME ProPatch Support



The DME ProPatch intelligent monitoring system offers a single pane visibility to the network performance and a detailed report generation platform reducing the Opex considerably to the client's annual Networking budget. A comprehensive deployment and maintenance process is undertaken to ensure rapid and efficient implementation. The program includes development, deployment, training and remote support for a high-end user experience. Entire deployment and support procedures is in strict adherence with the regional DME Prolink Development Team.

Warranty Aspects

All passive structured cabling components which is integral part of DME ProPatch solution qualifies for DME PROLINK 25 Years System Warranty and Applications Assurance.

The Active components which includes Intelligent Copper and Fiber Patch Panels, Intelligent FO Cassettes are covered under Three Year DME PROLINK Intelligent Components Product Warranty.



DME ProPatch Intelligent Solution

Part Number

| D943-G241SHFULBK | DME ProPatch Intelligent Copper Patch Panel, 24 Port, 1RU, Shielded, Flush, Unloaded, Black (With Green LED Indicator) |
|------------------|---|
| D943-C6ASHFE | DME ProPatch Special Keystone Jack, shielded, CAT6A, Flush- mount, E-Tool Compatible, 90Deg |
| D943-GFEM1ULBK | DME ProPatch Intelligent Fiber Patch Panel, 1RU, Black (With Green LED Indicator) |
| D943-FCLC24AQ | DME ProPatch Intelligent Fiber Cassette LC, 24 Ports |
| D943-FCSC124GR | DME ProPatch Intelligent Fiber Cassette SC, 12 Ports |
| D943-MMCU | DME ProPatch Master Monitoring Control Unit (MCU) Module, with Ethernet Port, Red |
| D943-SMCU | DME ProPatch Slave Monitoring Control Unit (MCU) Module, Yellow |
| D943-C5E1YW | DME ProPatch CAT5e 1Pr Patch Cord, Yellow |
| D943-9PPWRC 1.3 | DME ProPatch Power Cord 9 Pairs Out to Single Input 1.3M |
| D943-APWR1.2UK | DME ProPatch Power Adapter, Input 240VAC, Output: 5V / 3A |
| D943-DMEPROSW2 | DME Pro Patch Intelligent Software Version G (6.1) |
| D9422-NTPROSW4 | Netalytics Intelligent Infrastructure Management Stand Alone Limited Software Version 4.0 |



