MIIM™ › ADVANCED PHYSICAL LAYER MANAGEMENT

Bridging the gap between
IT investment and critical enterprise results

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MIIM G3 ❯
BRIDGING THE GAP

Bridging the gap between IT investments and critical enterprise results

A cornerstone of any enterprise is an IT network that operates efficiently and reliably, and one that delivers powerful information to enable decision making on demand. With today's streamlined operating budgets, network managers and IT teams must operate with fewer resources, while   providing network bandwidth availability and issue resolution quicker than ever.

Now by taking control of your most extensive IT asset - the physical layer infrastructure - you can know more about network status and connected devices, resolve issues quicker, and provide a more robust and secure network to your users and the business than ever before.

MIIM™ G3 Advanced Physical Layer Management enables your IT investment to improve business results through increased productivity, access to quality information and reduced down time creating a healthier organization.

MIIM G3 is a game-changing solution that allows you to make the most of your network, your people and your budget.

The MIIM G3 Advanced Physical Layer Management system delivers benefits across all types of businesses.

Delivering to the wider organisation
Better control and visibility of your physical layer infrastructure will deliver measurable improvements to both daily and long term IT/Network management. It will reduce time, cost, resource, and purchasing outlays, while simultaneously improving response and security efforts.

Using well-proven technology, MIIM G3 Advanced Physical Layer Management delivers business improvements targeting:

- Accurate, automated asset auditing in real-time
- Improved management of people, connected devices and facilities
- Increased network security
- Cost, time and effort efficiencies through capacity evaluation and resource usage
- Disaster recovery (maps, rack elevations and reports for rebuild/connectivity identification)
- Seamless, multi-site network management

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DELIVERING BEYOND

Value - delivered
MIIM G3 Advanced Physical Layer Management surpasses expectations and delivers exceptional benefits to any type of enterprise. Education, healthcare, financial services, government, oil & gas, mining, industrial, leisure, utilities, security services, military, warehouse, airports and managed service teams can all rely on MIIM's unique capabilities to deliver measurable IT management improvements.

Network Security
MIIM G3 monitors the device connections, and provides alerts on unauthorized connections or disconnections on the network. The removal of any connection at panel side can be instantly and selectively communicated, along with its precise location on a building map. Likewise, attempts to attach to the network by unauthorized connections are also instantly recognized and alerted.

Remote Management
A single MIIM G3 server supports a virtually unlimited number of users across a global enterprise providing instant access to complete information about the physical channel and attached devices wherever they are located. This allows on-site office personnel to implement changes and correct local IT problems under the direction of skilled centrally-based technicians, eliminating the costs associated with a traditional 'time and travel' approach. This centralization supports the adoption of streamlined, consistent and efficient approaches to IT management.

Network Management
Businesses can have visibility in their network physical layer infrastructure. Through this interface to higher level management systems, users can expand their understanding of their structured cabling configuration and communicate this information to key stakeholders.

MIIM G3 Reports supplement the ability to report on infrastructure and endpoints by providing real-time views and status of the structured cabling configuration, asset connectivity, and physical location of connected devices. This expanded visibility and information allows for higher level analysis and improved quality of decisions.

Asset Management and Auditing
MIIM manages work order flow and confirms proper completion of work orders, thereby improving the accuracy of Moves, Adds and Changes (MAC's).

Such polling and work order efficiencies support improved accuracy of IT data/management allowing business critical applications to run uncompromised.

Revolutionary » Powerful

MIIM's integrated approach revolutionizes infrastructure management. MIIM is designed to monitor the connection of physical layer. MIIM senses immediately when there's a change across the connection and creates alerts associating the change to an exact mapped location in a building.

MIIM G3 has the ability to monitor and report on information accurately and instantaneously, without the limitations of network system. Because MIIM does not rely on archived switch tables, which may not reflect up-to-the-minute connected device identification. Data latency, associated with a dependence and limitation of periodic polling, is common with legacy 'smart patching' systems which potentially leads to inaccurate information.

With MIIM: accurate and current information 24/7 is assured.

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REAL-TIME VISIBILITY

Constant contact

Knowing where and when an event happens and reporting it instantly is a huge advantage to a business. Whether it's a fault, or an unauthorised connection or disconnection, immediate visibility is critical to day-to-day operations. MIIM G3 has the ability to identify these events at physical layer and alert anyone anywhere for quick action - a valuable troubleshooting tool to free up man hours and expense.

Convenience in a click

MIIM uses a powerful and intuitive user interface that provides quick and accurate monitoring and analysis of the complete physical channel, including attached devices. Using web-based technology, MIIM conveniently delivers real-time visual representation of all channel elements on building maps. Key features supporting this experience include user friendly pan/zoom and drag/drop capabilities.

For the user, this means a complete overview of the physical layer infrastructure, and the identity the network outlet location in the building and a high level view of structured cabling utilization. This information can be accessed from any web-enabled computer on your network.

For the enterprise, this means a reliable and process-driven approach supporting business continuity requirements, disaster recovery efforts, asset auditing and usage, and overall operational improvements. This same convenient access to new and accurate information also drives informed investment and management decisions.

MIIM's capability to integrate with LDAP and Microsoft®'s Active Directory® provides seamless, automatic access to MIIM by any authenticated user.

No bandwidth hungry technology here

MIIM's Event-Driven Discovery capability allows for the discovery and identification of connected devices at any point in time. Data unique to a device, or range of devices, can be queried without polling the entire network and consuming valuable bandwidth.

Most organizations poll their networks during 'off peak' hours to minimize network traffic, thus sacrificing instant access to current and accurate connected device profiles. Having this valuable information at your fingertips, on-demand, means any business can guarantee good practices and immediate response to changes in their physical infrastructure before serious damage occurs.
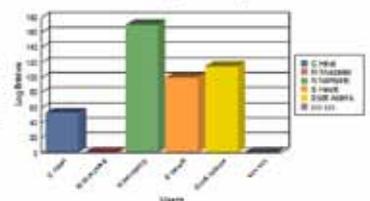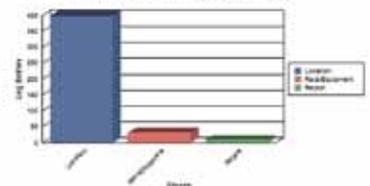

MIIM™
Advanced Physical Layer Management

Simplicity

MIIM G3 has been designed from the ground up with the goal of keeping it simple – simple to engineer, simple to install, and simple to operate.

Used as a stand-alone tool, MIIM G3 provides visibility and management of physical layer infrastructure elements never previously monitored and reported.

Its simplicity also allows for easy communication to other existing network management tools.

Either way, MIIM is a keen source of new and valuable information for businesses.

With no need for special patch cords, cables, or display screens, the decision to invest in MIIM G3 is simple.

Integration

MIIM utilizes SNMP (Simple Network Management Protocol) to provide data to Network Management System (NMS) tools regarding the status of structured cabling and connected devices. This extends the capability of your NMS to help you manage the physical layer in a way never before possible.

This interface complements a variety of popular NMS tools allowing organizations to better leverage current investments, enhance IT management through the addition of new information and ultimately provide an improved holistic view of their physical layer infrastructure.

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Key Benefits - Overview

Enhanced Network Management
- Simplified remote management of physical layer connectivity

- Improved asset utilization – accurate & real-time visibility

- Revolutionary targeted discovery of connected devices based upon connection changes

- Communication with higher level Network Management Systems

- New and valuable data from your physical layer infrastructure delivered as 'decision grade' information by MIIM Reports

Enhanced Network Security
- Superior intrusion detection (connection of rogue devices)

- Improved detection of unauthorised asset changes

- Customised distribution of alerts and alarms pinpoint change details on a 'need-to-know' basis

Improved Productivity
- Powerful and simplistic hierarchical view of end-to-end physical layer infrastructure

- Sophisticated web-based software – managed from any location

- More efficient MAC & work order management for patches, switches & connected devices

- Less downtime – faster and less expensive troubleshooting

- Fool-proof guided patching – eliminating human error

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FULL SUPPORT

Warranty, Training and Support

MIIM is unique. To show our investment and commitment, Molex Premise Networks works alongside exclusively trained partners around the world to support our solution and the companies that invest in our products.

We have a sophisticated and user-friendly Customer Support Portal (CSP), with its KnowledgeBase, FAQs, and Forum providing continuous updates, support and a community for MIIM users to share knowledge and challenges.

To keep you operational, we stand behind our solutions by offering full Product, System Performance and Application Assurance Warranties along with subscriptions for MIIM Application Maintenance and MIIM Hardware Warranty programs.

Molex Premise Networks offers support to organisations, whether they are simply assessing their infrastructure requirements, upgrading a legacy system, or ready to implement a new network. We have high quality manufacturing processes, a global network of professionally trained installers and highly trained technical and support personnel.

By choosing Molex Premise Networks, you can be safe in the knowledge that whatever the project, our goal is to ensure that your transfer to a new system runs as smoothly as possible.

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