

Electronic Intelligent Patch Panel Management Unit



Summary of Content

An Intelligent Patch Panel Management Unit (IMU) actively monitors, manages, and documents the connectivity of patch panels in real time, integrating with servers or DCIM software for efficient network infrastructure management.

Overview

An Electronic Intelligent Patch Panel Management Unit (IMU) serves as the central management device for smart patch panels and patch cords. It collects live data from connected patch panels, identifies cable connections, and uploads this information to a system server for analysis and documentation (). The IMU ensures that the physical network layer is accurately monitored, reducing errors and downtime caused by misconnected or removed cables ().

Key Features

- **Real-Time Monitoring:** The IMU continuously tracks the status of each port on connected patch panels, detecting changes such as cable insertion or removal ().
- **Data Collection and Upload:** It gathers connectivity data and uploads it via a 100BaseT Ethernet interface to a server or DCIM software for centralized management ().
- **Visual Guidance:** Many IMUs provide LED indicators or OLED displays to guide technicians during moves, adds, or changes, ensuring correct connections ().

Article Content

FUTURE PATCH

FUTURE-PATCH is therefore an intelligent, electronics based solution that allows technicians to be visually guided (LED) on site at

MapIT G2 Smart Patch Panels, Control Panels, Patch Cords ...

MapIT G2 integrates the powerful combination of innovative Smart Patch Panels, user-friendly Master Control Panels and

Intelligent patch panel

19"/1U electronic patch panel, offers 24 ports for Keystone modules. Each port associated with LED used to indicate patch cable

IMU Intelligent Management Unit | Datwyler IT infra

Management interface for electronic patch panels. Live data collection and upload. 100-Mbps Ethernet interface provides high-speed

Intelligent Patching Systems

This complete & intelligent-ready physical layer management system uses RFID technology for wireless detection of individual patch

PanView iQ (PViQ) Panel Manager

Panduit's PViQTM System Hardware, which includes intelligent patch panels, modules, and cabling, seamlessly feeds information

Intelligent Management Unit (IMU)

IMU is the only active equipment of Distributed Intelligent Cabling System (DICS), which collects the data from the patch panel and

IMU Intelligent Management Unit

Description Management interface for electronic patch panels. Live data collection and upload. 100-Mbps Ethernet interface provides

SMARTPATCH Intelligent Systems | Leviton Network Solutions

SMARTPATCH provides simple and controlled management and recording of common network changes such as those resulting

Intelligent Patching (IP)

FUTURE-PATCH is therefore an intelligent, electronics based solution that allows technicians to be visually guided (LED) on site at

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://benniedesignstudio.co.za>

Email: sales@benniedesignstudio.co.za

Phone: +27 82 391 4765

Address: The Towers, 1 St Georges Mall, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

