

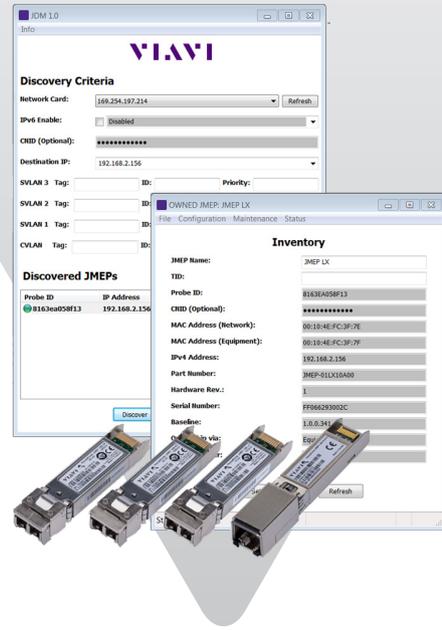


Intelligent Device Manager (IDM)

Easily access and configure Viavi smart SFPs

The IDM software application provides a secure and convenient platform to run and monitor probes in a small network or test environment. It provides alarm indication status including elements such as transmit and receive optical power and device temperature. It takes advantage of test methodologies including Y.1564, 802.1ag/Y.1731, and TWAMP. The IDM can also configure a JMEP probe in loopback mode to support other private network or lab testing.

Using the IDM is a convenient way to manage, configure, and upgrade JMEP probes prior to field deployment. For example, the IDM can configure the JMEP with the latest revision of firmware to enable the latest features and test capabilities.



Benefits

- Access and configure JMEP probes from a Windows 7-compatible PC
- Software application requires no additional hardware
- Intuitive graphical user interface

Features

- Secures JMEP device access using secure optics communication protocol (SOCP)
- Remembers up to 100 devices
- Supports loopback, Y.1731, TWAMP configurations
- Provides active alarm retrieval

Applications

- Local smart SFP probe management and configuration
- Test initiation including loopbacks, TWAMP and Y.1731
- Updating firmware prior to field deployment

Viavi Solutions®

As service penetration rates increase, it is imperative to implement automated and centralized activation, performance monitoring and testing, and troubleshooting solutions in order to scale cost-effectively. These solutions let service providers:

- Accurately and efficiently turn-up services at the least cost
- Proactively identify problems, reducing both the number of trouble tickets generated and the number of truck rolls
- Improve the efficiency of technician dispatches, reducing operational expenditures
- Increase overall customer satisfaction and loyalty

The broad portfolio of Viavi products test and monitor services, complement fault management applications, and also cover tasks not addressed by network element (NE)-only operations, administration, and maintenance (OAM) strategies. The Viavi NetComplete® EtherASSURE™ solution helps service providers optimally meet the business and technical challenges of deploying Ethernet/IP mobile backhaul and business services. The IDM compliments NetComplete, providing a GUI-based user interface to configure and demonstrate Viavi smart SFP test probe capabilities.



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