

EMBEDDED NODE MANAGER FOR XTM SERIES AND XTG SERIES

EMBEDDED NODE MANAGER (ENM)

Element Manager of the XTM Series

The Embedded Node Manager (ENM) is an element manager for XTM Series and XTG Series products.

Complete Node Management

ENM provides the foundation for network management of optical and packet-optical networks, and has sufficient capabilities to manage a small or simple network such as an enterprise network or point-to-point links.

Residing in the traffic or control unit, ENM provides basic management functionality, including a web-based graphical user interface (GUI) and command line interface (CLI) for configuration and provisioning of the Infinera XTM Series network elements. The ENM GUI can be accessed from a common web browser in UNIX or Windows.

Through ENM, all node settings and unit settings can be configured. With the built-in board wizard, any unit can be created and configured by a simple and intuitive procedure.

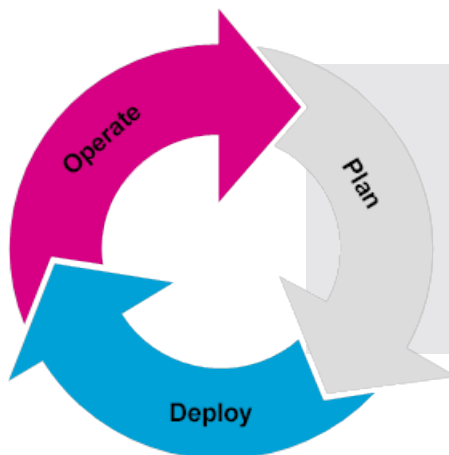
Simple Integration to Management Systems

ENM stores all fault, configuration and performance data in a management information base (MIB) that contains the set of objects accessed by higher level management systems.

ENM also has an open interface for integration to allow easy use with higher level management systems.

Strong Configuration Handling

ENM stores all node configurations in non-volatile memory, making full node recovery possible following a power outage. It also provides an automated replacement procedure in which the replacement unit is automatically configured with the same settings as the original unit, providing faster and more reliable service recovery upon failure.



Key benefits:

- Provides local or remote access to complete node administration
- Simplifies alarm collection, performance management, configuration settings and software upgrades
- Provides a user-friendly interface through common web browsers
- Enables integration toward higher layer network management systems

The Embedded Node Manager (ENM) Helps Network Operators Deploy and Operate XTM Series and XTG Series Network Elements.

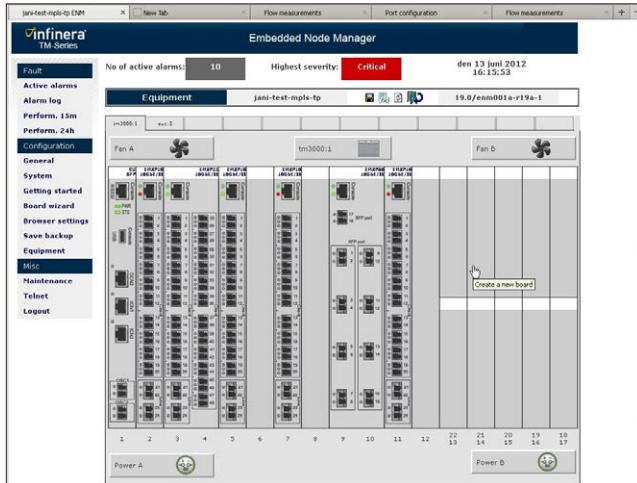


Fig 1. Screenshot Showing the Web-based GUI.

Specifications

Web Browsers	Microsoft Explorer, Mozilla Firefox
Performance Monitoring	G.826 Y.1731
Management Integration	SNMP v1, v2c, v3
Security Management	RADIUS/TACACS+
Miscellaneous Features	Alarm management Alarm log Configuration backup Automatic spare part procedure Software upgrade Board configuration wizard Network Time Protocol (NTP)

Specifications and Features Are Subject to Change

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