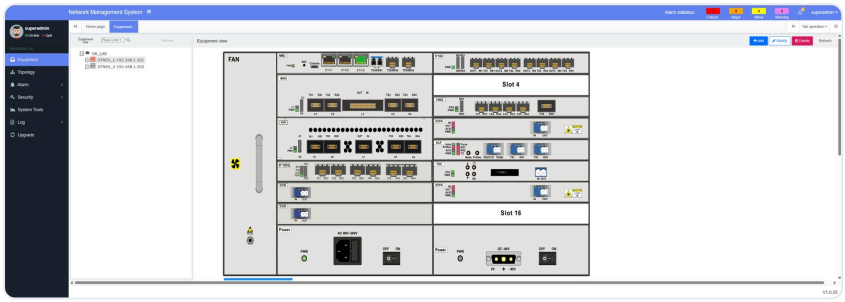
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OTN SYSTEMS WDM PLATFORMS

Network Management System

The NMS is a browser/server (B/S) network management application providing unified management for the whole OTN WDM product line. It centralises fault, performance, configuration and security management for every managed network element, improving service quality while reducing maintenance cost. Standard external interfaces are provided for integration with upper-level network management systems, delivering a complete management solution for the transmission network.



HIGHLIGHTS

Topology management

Displays managed network elements and their connections in a topology diagram, with real-time status.

Performance management

Visualises key network performance indicators, with statistics on collected performance data.

Security management

User management, decentralised/sub-domain operation authorisation, and user login control.

System management

Backs up and restores the management system itself, for fast recovery after an upgrade or

Alarm management

Network-wide alarm monitoring with remote notification, so maintenance teams respond in real time.

Log management

Records network management operations and system events, for audit, illegal-access detection and fault analysis.

Upgrade management

Upgrades and downgrades network element software from a central console.

migration.

OVERVIEW

Architecture	
Architecture	Browser/Server (B/S)
Client access	Standard web browser (Web GUI)
Scope	Unified management across the full OTN WDM product line
Northbound interface	Standard open interfaces for integration with upper-level network management systems
Functions	
Managed domains	Fault, performance, configuration and security management
Software lifecycle	Remote network-element software upgrade/downgrade; system backup and restore

ORDERING INFORMATION

NAME	Network Management System
DESCRIPTION	NMS, browser/server (B/S) network management software providing unified management for the whole OTN WDM product line: topology, alarm, performance, log, security, upgrade and system management, with standard northbound interfaces for integration with upper-level network management systems.
PART NUMBER	**WDM-NMS**