PART OF THE

Media Links Everything,

Everywhere IP Ecosystem

**Network Management Software** 

**Control Plane Orchestration** 

**DATASHEET** 

Version 3.1



## Description

Designed to manage all types of media networks, Media Links' newly enhanced ProMD-EMS software delivers faster, smarter, and more flexible media service assurance and activation.

ProMD-EMS makes the management of media services simple and easy by quickly setting up circuit connections, detecting and responding to network problems, and optimizing overall operation and performance.

### Features & Benefits

- · Media network monitoring
- Topology Visualization
- Network Fault Isolation
- Rapid service provisioning
- · Parameter recording & event correlation
- User Rights / Access Management
- · Customizable & Linkable Workspaces
- · Enhanced parameter Filtering
- XY Routing Switcher Panel
- · Centralized Client/Server design w/ redundancy
- · Trap & Log Management
- · Theme-able screens, configurable GUI
- Manage/Track Users and their activities
- · Vendor independent
- · Widespread Protocol Support
- Customizable GUI
- Northbound API

## **Example Applications & Use Cases**

- Regional Carrier Class Media Delivery Networks
- · Metropolitan Contribution/Distribution Networks
- Mission Critical Contribution Video Transport
- Studio Interconnects
- End-to-End Service Assurance & Provisioning

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## Related Products

Xscend®, MDP3020 MAX, MD8000 MDX Switches

## **DATASHEET**

## **ProMD-EMS**(Enhanced Management System)

ProMD-EMS enables you to monitor and manage complex environments more effectively than ever before, providing the most enhanced end-to-end network monitoring, provisioning and management system for broadcasters and service providers.

The software application provides a graphical overview of all elements and their associated status, presenting network operators with an easy to understand, intuitive visual display.

Network elements from different manufacturers can be grouped together or segmented as required, allowing device monitoring, service booking & scheduling, configuration control/setup, as well as performance and alarm management.

Designed to minimize user interactions, typically a small number of ProMD-EMS keystrokes are required to understand what's going on in the network and determine appropriate actions.

ProMD-EMS is scalable with the ability to drive multiple screens of different parameter views. It consists of a server (ComModule) and an easy to use GUI client component called NetManager.

The server component manages and stores all network information as well as system setups, and queues all tasks initiated by the clients. This guarantees that all administrators and operators have synchronized and updated information at all times from any location while ensuring tasks do not collide.

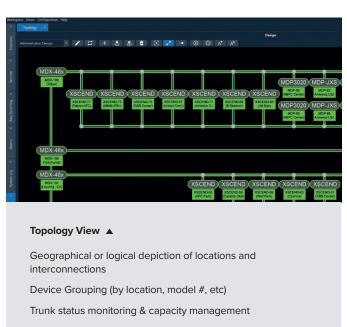


Dividing the network management software into server and client components, the control network and transmission network are separated from each other, completely securing the broadcast network environment. The server/client architecture provides for robust and secure element management in complex corporate environments. Any number of clients can be connected to the server giving full flexibility and scalability.

With ProMD-EMS every type of media service connection can be easily set up, scheduled, monitored and managed across networks large and small, supporting point-to-point as well as point-to-multipoint configurations. This makes ProMD-EMS software ideal for the varied, dynamic nature of today's media-centric applications.

Rich graphical interfaces intuitively expose network service, event and status information, allowing operators to immediately and efficiently interact across the entire network workflow of services. ProMD-EMS provides visual views of networks, services, chassis and line cards. Start at a high level of visualization and then drill down to specific signal parameters to isolate and resolve issues fast.

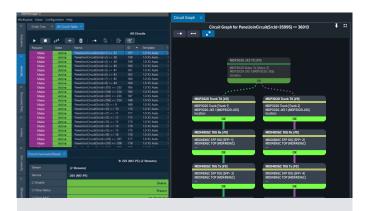
A brief description of key functionality follows along with sample screen shots:



Color coding of network status/available capacity

Configurable icons for individual devices and groups

Support for locally hosted individual maps and OpenStreetMaps



## Circuit/Service View A

Listing of all configured circuits/services

Create & modify services and circuit templates

Quickly find routes, provision, and switch services

Group by customer/event, etc

Actively monitor

Directly view circuit paths

Associate with incoming trap messages

## Device View ▶

Displays status of all network deployed equipment

Simple graphical device view w/ relevant indicators

Related service(s) status

Device configuration interface

Resource availability overview

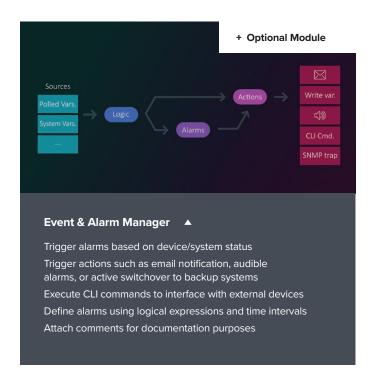
Device grouping by location

Inventory search by type, name, service, specification(s)

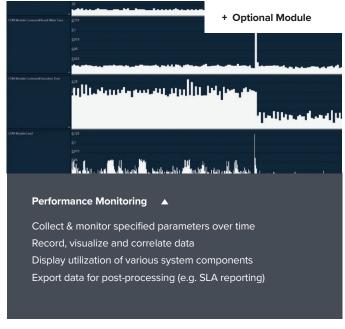


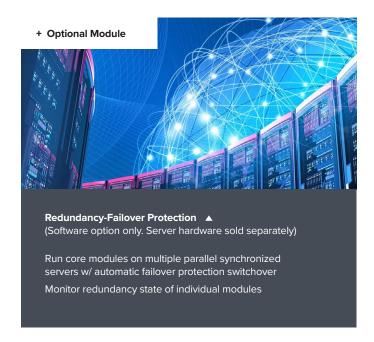


# Turbo-charge your software your way with a rich library of Optional Modules











Optional Modules Sold separately. For information about this product visit www.medialinks.com for latest feature updates, enhancements, and system requirements.

## Value of ProMD-EMS

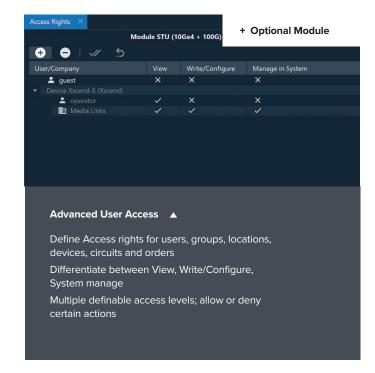
Optimized especially for Media Service Delivery & Performance over IP Networks

One common, comprehensive & secure platform (for Media Links and other 3rd party gear)

Service-Oriented design for faster setup, fault finding, and provisioning

Customizable/configurable to specific use cases

Visit the Media Links website for additional resource and a demo. www.medialinks.com



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