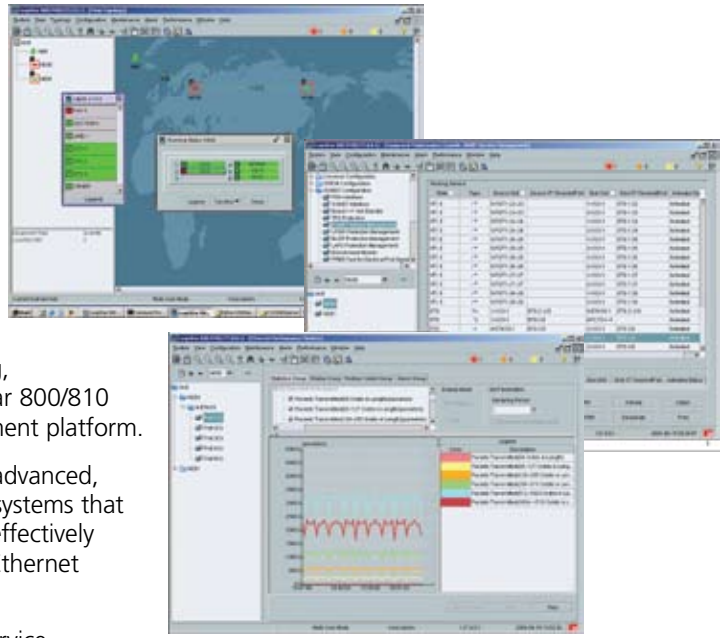
# LoopStar® 800 EMS

The LoopStar® 800 EMS is an advanced, user-friendly Graphical User Interface (GUI) Element Management System (EMS) for controlling and managing networks comprised of LoopStar 800 and LoopStar 810 SONET access systems. The LoopStar 800 EMS provides users with sophisticated centralized control capabilities for configuring, monitoring, testing, and managing multiple LoopStar 800/810 systems from a single management platform.



**Top: Network Configuration Management and System Alarming, Center: System and Circuit Provisioning, Bottom:Performance Monitoring and Testing**

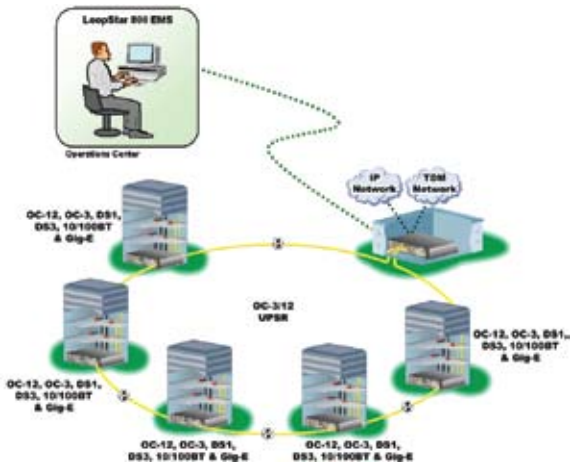
LoopStar 800/810 systems are advanced, next-generation SONET access systems that allow service providers to cost-effectively deploy and manage TDM and Ethernet services to end-user customers.

With the LoopStar 800 EMS, service providers can perform advanced management control functions for their entire network of LoopStar 800/810 systems.

SPEC SHEET

## Features:

- **Configuration Management:** Network connections, system and circuit provisioning, system inventory
- **Fault Management:** Alarm management and control, alarm history database management
- **Performance Monitoring:** Real-time traffic management, monitoring and alarming, PM database management
- **Security:** System access and password control
- **Testing:** Circuit and test management control

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The LoopStar 800 EMS is a Windows-based software application designed to operate in standard client-server-based configurations. The system is a scalable platform consisting of a central database/server software application with options for multiple client servers hosted from the central server. The total number of LoopStar 800/810 elements that can be managed by a common LoopStar 800 EMS is a function of the server/client system and memory capacity. Standard network configurations are approximately 1-32 systems per LoopStar 800 EMS.

Communications between the LoopStar 800 EMS and LoopStar 800/810 network systems are delivered via TL1 or SNMP message control over Ethernet LAN/WAN communications. The LoopStar 800 EMS can also funnel network configuration, alarms and performance monitoring information to higher-order network management systems via TL1/CORBA/MML north-bound LAN/WAN interface communications.

## System Requirements

PC-based applications:

Server
PC Desktop PC-P4 2.4GHz or above, or
PC Server-P4 PE6600-4xXeon 1.9GHz or above, or
HP Workstation-xw6000-2xP4 Xeon 2.4GHz or above
512M-40G-FDD/DVD/video adapter
10&100BT Network adapter
Windows2000 Professional

Client
Desktop PC-P4 2.4GHz or above
512M-40G-FDD/DVD/video adapter, or
HP Workstation-xw6000-2xP4 Xeon 2.4GHz or above
1GB-2x36GB

### Ordering Information

| Description | Catalog Number |
|---|---|
| LoopStar 800 EMS Server (Server SW and SQL Database) | LPS-EMS800SRV-L1 |
| LoopStar 800 EMS Client (Client SW and ILOG Tools) | LPS-EMS800CLNT-L1 |
| LoopStar 800 NE License Authorization Charge (RTU) per NE, first 30 NEs | LPS-EMSRTU-L1 |
| LoopStar 800 NE License Authorization Charge (RTU) per NE, NE 31 and above | LPS-EMSRTU-L2 |
| LoopStar 800 EMS LCT | LPS-EMSLCT |

SPEC SHEET

**Website: www.adc.com**

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Fax: +1-952-917-3237 • For a listing of ADC's global sales office locations, please refer to our website.

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