

# Generic EMS

## Third-Party Management System



## Extend LightSOFT Management to Third-Party Networks

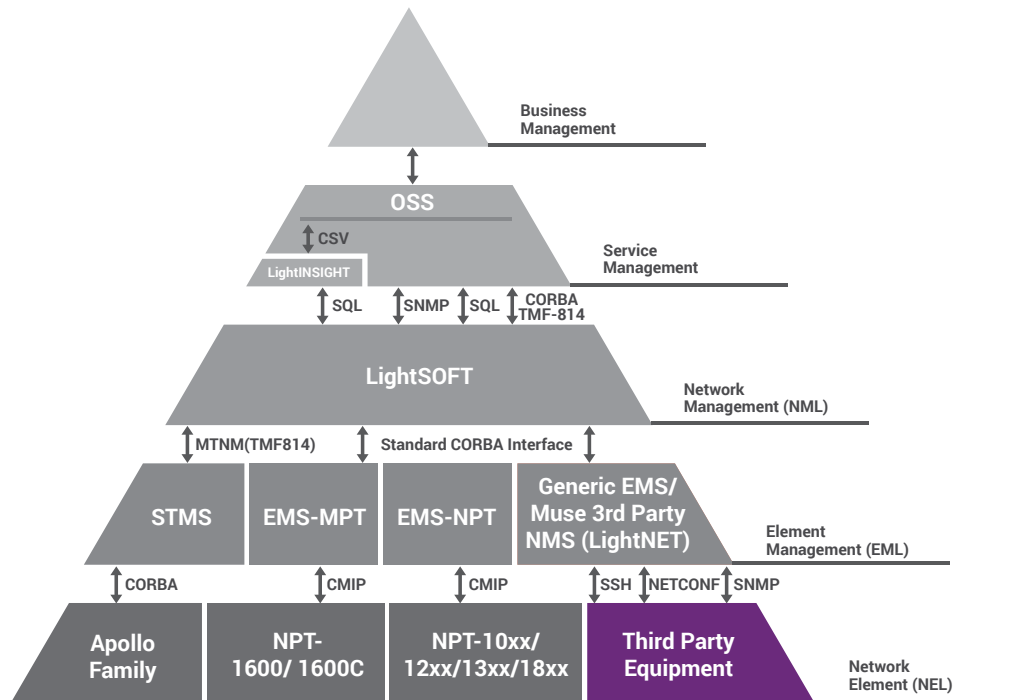
Ribbon's Generic EMS paves the way to managing any SNMP-based Network Element within LightSOFT®. This provides an easy 'do-it-yourself', zero-code option to map element interfaces and traps that are compatible with LightSOFT.

The Generic EMS is one of the products in Ribbon's EMS line for managing non-Ribbon Network Elements and devices. It provides a wide set of management capabilities, including basic inventory, topology and faults, performance monitoring and service management and more. Generic EMS can manage any SNMP- or CLI-based device or EMS, while mapping the device interfaces to LightSOFT via the standard MTNM CORBA.

**Interfaces with Third-Party NEs**  
or EMS via SNMP, CLI, CORBA, or HTTP

**Runs as a VM**  
or directly on any X86-based server

**Enhanced Integration with Any Third-Party Network**  
for enhanced provisioning and service troubleshooting



## Generic EMS



### Single-Alarm View

With Generic EMS, you can display alarms from non-Ribbon Network Elements within LightSOFT. Generic EMS reduces multiple-system overhead, shortens the response time for troubleshooting, and embraces all benefits of LightSOFT alarm management. This includes alarm forwarding and a history view for all portions of your network.



### Get More for Your Money

Generic EMS provides more than inventory, topology, and alarm management. Within a short period, you can integrate more capabilities of any Network Element into LightSOFT, including:

- Performance monitoring
- End-to-end service view
- Configuration and provisioning



### End-to-End Topology

Third-party Network Elements (NEs) are automatically discovered and displayed in the LightSOFT topology map. Once they are added to Generic EMS, this creates an end-to-end topology view of the network and shows the links with their updated alarm state from this point on.



### Do-It-Yourself Management

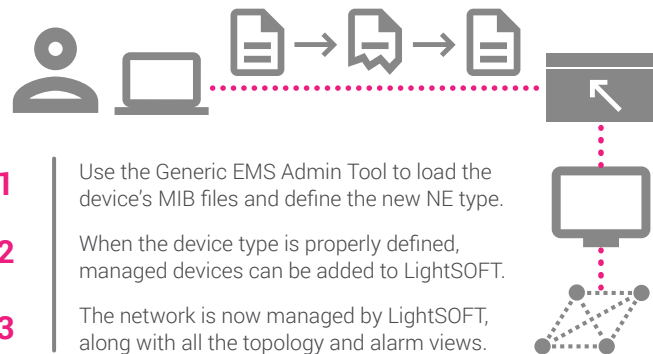
You can start to manage any third-party NE in Generic EMS in less than an hour. All you need to do is:

- Access the element MIB files containing the interfaces and their alarm and trap data
- Use the Generic EMS Admin Tool to map between the relevant object ID and the attributes of alarms and interfaces within LightSOFT.

### Add New Devices Easily

Generic EMS provides an easy and intuitive way to manage device types cumulatively, using a tool that maps the relevant device SNMP MIB items to device attributes. In a few minutes, you can have your new device type recognized in Generic EMS and automatically load it to LightSOFT for inventory, topology, and alarm retrieval.

Generic EMS offers a more in-depth, yet simple integration process-per-device-type for Performance Monitoring and Service Management.



## About Ribbon

Ribbon Communications (Nasdaq: RBBN) delivers communications software, IP and optical networking solutions to service providers, enterprises and critical infrastructure sectors globally. We engage deeply with our customers, helping them modernize their networks for improved competitive positioning and business outcomes in today's smart, always-on and data-hungry world. Our innovative, end-to-end solutions portfolio delivers unparalleled scale, performance, and agility, including core to edge software-centric solutions, cloud-native offers, leading-edge security and analytics tools, along with IP and optical networking solutions for 5G. We maintain a keen focus on our commitments to Environmental, Social and Governance (ESG) matters, offering an annual Sustainability Report to our stakeholders. To learn more about Ribbon visit [rbbn.com](http://rbbn.com).

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Contact us to learn more about Ribbon solutions.