

LightSOFT[®]

Network Management System



Perfect Network Management

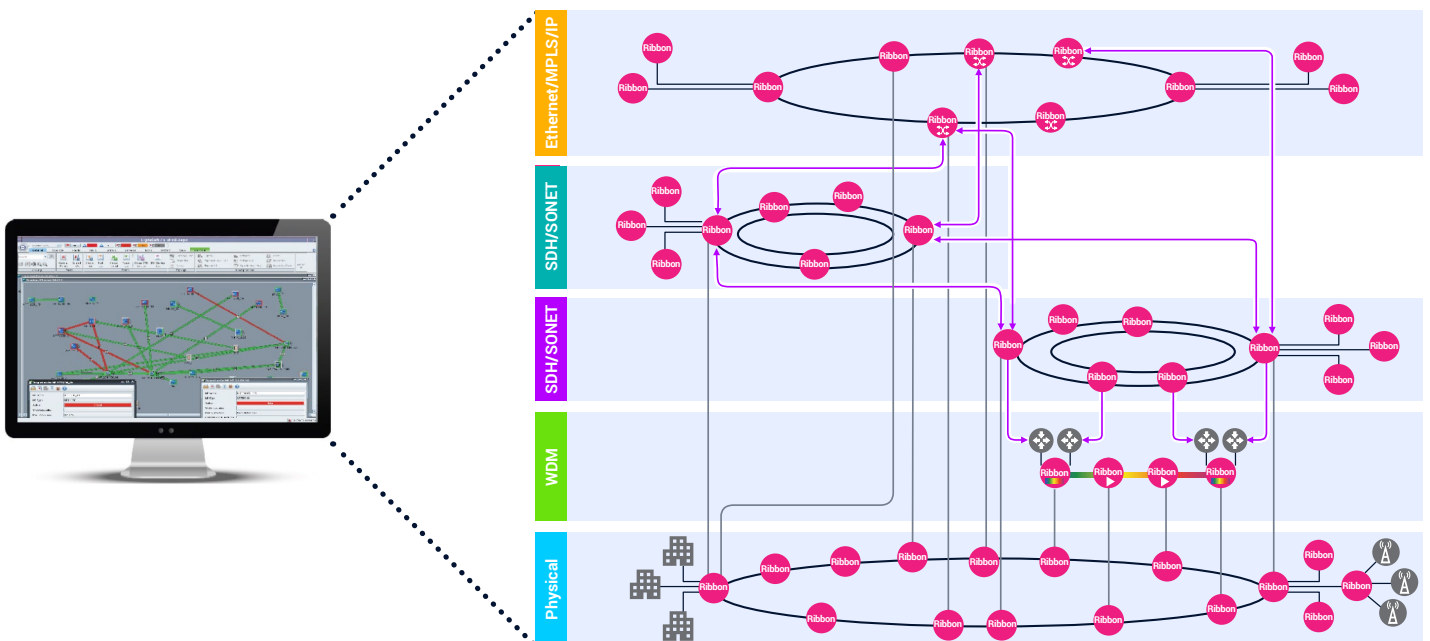
Communications services are changing faster than ever. So is your network. Are you capable of managing such changes? With Ribbon's LightSOFT, communications service providers can manage complex networks end-to-end, spanning multiple domains with multiple protocol layers like WDM, OTN, and packet. LightSOFT is also fully integrated with SDN, allowing complete operational orchestration between your network and the cloud.

LightSOFT provides unique and comprehensive service provisioning, configuration, maintenance, fault management, and performance monitoring. These ensure continuous data flow and service availability - at the click of a mouse. An integral part of Ribbon's Elastic Services Platform, LightSOFT is easy to learn and easy to use.

Low TCO
single point of unification
for network services

End-to-End Performance
guaranteed carrier-class
visibility from access to core

Service Agility
a spectrum of advanced tools to
streamline services



Your Challenges

Ribbon Solution

Low Total Cost of Ownership (TCO)

Reduce OPEX and CAPEX

Comprehensive analysis and tools:

- Server and system reduction with less staff and less required training
- Predictive analysis. Identify potential risks before they materialize
- Streamline operations and simplify multiple tasks, automating provisioning and configuration. Save time and effort while improving QoS
- Scalable – tens of thousands of network elements, hundreds of simultaneous users, over a million trails, and multivendor EMS support

End-to-End Performance

Network visibility

Crystal-clear multilayer management of:

- **Physical layer:** sites, equipment racks, network elements, fibers, and electrical or radio connections
- **OTN layer:** crossconnect, multiplexing, and ODUk trails
- **SDH/SONET layer:** ADMs, crossconnects, terminals, and service trails from 2 Mbps to STM-256/OC-768
- **Ethernet/MPLS layer:** Ethernet services, logical topologies between cards and data bridges, MPLS, and provider bridge based Carrier Ethernet services, and Rapid Spanning Tree Protocol (RSTP) topologies
- **Optical Layer:** ROADMs, OADMs, DWDM muxes, demuxes, and amplifiers, including end-to-end optical trails

Complex landscape

Unified, full control, and status views of:

- Network layers, elements, transmission levels, ports or services/tunnels/trails
- Create, delete, and modify OTN, SDN/SONET trails, Ethernet services, and tunnels

Optimization

Unique advanced processes:

- **Pathfinder:** Full configurational control including cost, distance, physical media, and ducts (Shared Risk Link Group) for all services
- **LightPULSE™:** Software based with no additional cost or equipment required, integrated real-time optical performance monitoring

Service Agility

Service velocity

Accelerate Time-To-Market (TTM):

- Fast network buildouts and deployment including legacy to next gen
- Improved utilization of precious network resources, including future SDN applications today

Service availability

Faster Time-To-Revenue (TTR) with:

- Automated fault isolation, management, and dynamic service restoration (including ASON and WSON)

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.

Contact Us

Contact us to learn more about Ribbon solutions.