

OPNET SP Guru[®] Network Planner

Network Planning and Engineering for Service Providers

Optimize Next-Generation Network Design

OPNET SP Guru Network Planner automates the design of large-scale IP/MPLS networks. Carriers, ISPs, cable operators, and wireless service providers achieve significant return on investment by using SP Guru Network Planner to accelerate new strategic offerings, optimize the use of existing network resources, maintain service levels, and manage operational risks associated with network convergence and technology migration.

Benefits

- Reduce time-to-market for next-generation network and service deployments
- Maximize return on network infrastructure investments
- Optimize network performance and utilization
- Minimize network downtime and lost revenues
- Enhance operational efficiencies with multi-layer planning

Key Features

- Plan ahead for next-generation network migration and service deployment
- Predict traffic growth and the impact on network performance
- Right-size link capacity and optimize routing metrics to reduce network congestion
- Understand the impact of network outages and plan back-up capacity for increased network survivability
- Leverage MPLS Traffic Engineering (TE) to optimize resource utilization
- Optimize QoS settings to meet service level objectives
- Perform what-if studies to understand the impact of changes prior to deployment
- Plan for new Layer-2 and Layer-3 VPN deployments
- Perform readiness assessment for technology migrations such as VoIP or IPv6



