

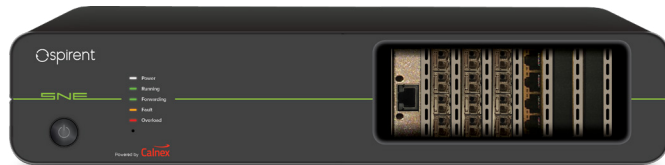
Multi-port, multi-user network emulation

PLATFORM HIGHLIGHTS

- Connect "Any Port to Any Port"TM without limitations for total flexibility
- Packet fragmentation and reordering
- Delay emulation up to 4 seconds at 25GbE/10GbE/1GbE
- Over 55+ impairments and tools
- Audio and video modification and corruption:
 - Filter traffic based on RTP/RTCP or custom A/V packets
 - H.264 MPEG-4/AVC and H.265 MPEG-5/AVC impairments
- Includes generic full packet inspection and filtering
- Modify packets by changing any bits or bytes of any packet
- Load generators
- Network simulation – create complex multi-hop networks using Virtual Routers for cloud, data-center, customer and WAN simulation

APPLICATIONS

- SD-WAN, data-center and Cloud computing/migration
- Video/voice applications (IPTV, VoIP, etc.)
- Mobile subscriber networks (VoLTE, eMBMS, etc.)
- Content delivery networks
- CoS/QoS levels
- WAN acceleration/network optimization
- LAN/WAN enterprise networks
- ADSL/FTTH
- SLA verification
- ITU-T Y.1731/IEEE 802.1ag operations and maintenance
- Satellite links
- Storage networks
- Telecom/Federal network applications
- Carrier WiFi
- Cable/broadband networks



Get predictable infrastructure performance with the industry's highest port density network emulator

- Mix and match interface cards: up to 16 ports 1GbE, 12 ports 10GbE/1GbE or 4 ports 25GbE
- Mirror port traffic (or filtered packets) to any port for external analysis and recording
- Wireshark integration and easy automation via Remote Control API
- Multi-user: port-based allocation under username/password control



Visual network

Fast visual emulation design allows you to create networks in seconds. Build emulations and link together impairments in the order required – drag and drop from an extensive list of impairments to create specific test scenarios.

The Spirent Network Emulator is powered by technology from Calnex Solutions.

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