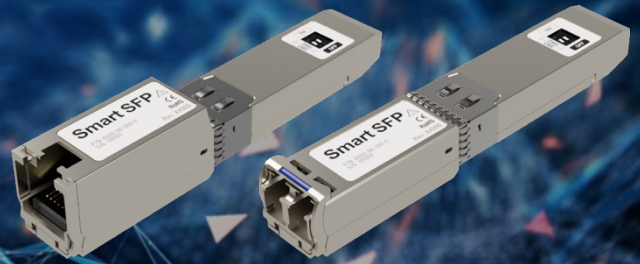# Smart SFP IP SLA Probe Lite

Software based network monitoring

Smart SFP IP SLA Probe Lite is a hardware appliance in SFP form factor for performance monitoring based on software agent. Deployed in enterprise headquarters, branch offices, remote sites and other facilities, it allows to extend the capabilities of the performance monitoring solution.

Smart SFP IP SLA Probe Lite can verify infrastructure connectivity and network performance, as well as monitor and troubleshoot application problems. Protocols such as DNS, HTTP and Voice can be used to verify response time or Mean Opinion Score (MOS). Tests can be run between agents on Smart SFP and other network hosts. Automated tests provide real-time network and application performance data, enabling IP SLA/NMS system to identify problems before the end users do.

Ability to install standard Linux packages provides a familiar diagnostic software at any network point on the network.
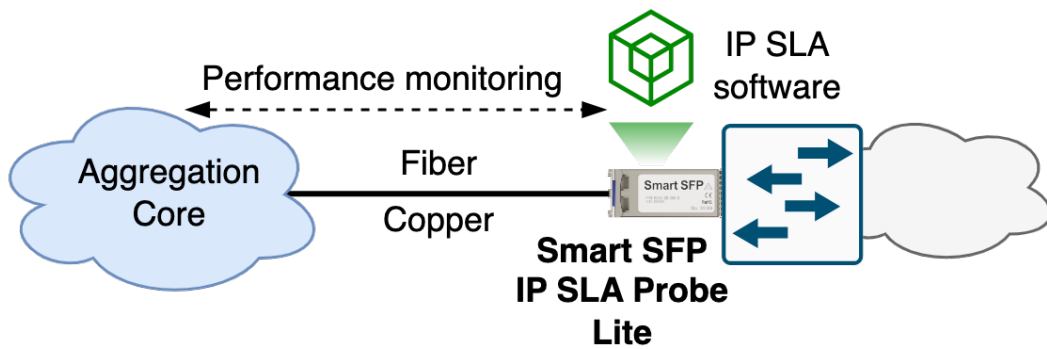
Easy integration with network monitoring systems such as Zabbix, Nagios, Cacti.
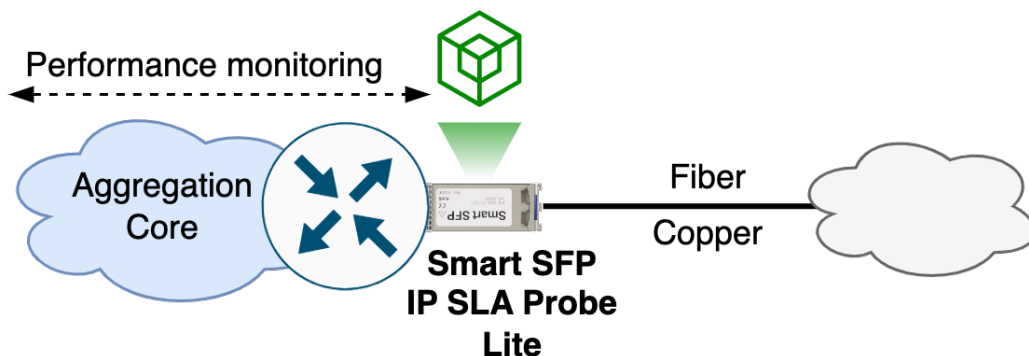
Applications:
- IP SLA monitoring
- Network visibility
- Synthetic testing
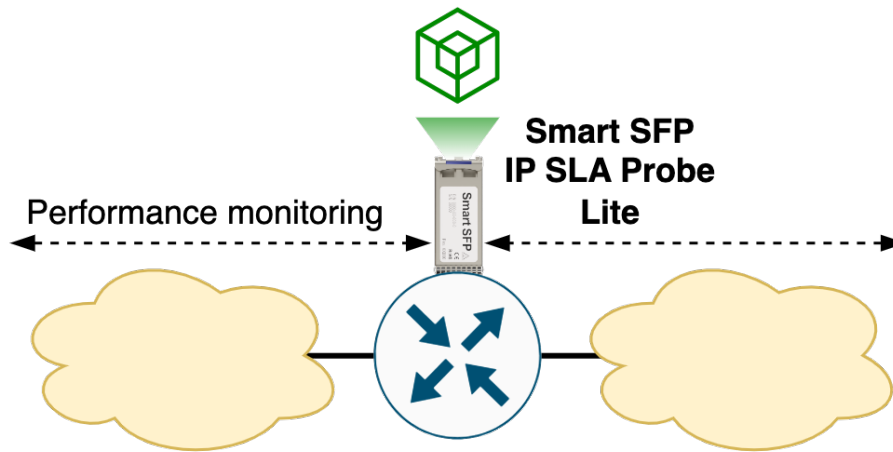- Performance analytics and troubleshooting

Key features:
- Compatible with all software IP SLA agents
- Simple integration with free and commercial SLA/NMS
- Software-based traffic generating
- IP address saving with Loaned IP
- Full featured Linux based OS

In-line installation at remote site

In-line installation at aggregation/core site

Smart SFP IP SLA Probe Lite

Performance monitoring

Out-of-line installation at any point in the network

Features:

- Software-based traffic generating up to 1 Gbps
- iPerf
- TWAMP sender and responder
- ping
- traceroute
- DNS and HTTP test
- Port statistics

Management:

- CLI over SSH
- Static IP, DHCP
- IPv4, IPv6, VRF
- VLAN
- Loaned IP
- ACL, VPN
- PTP slave, NTP client
- Remote software upgrade
- Debian, OpenWRT

General:

- CPU: ARM, MIPS
- 1/10 Gigabit Ethernet
- Max frame size up to 10000 bytes
- Inline or out-of-line installation
- SFP/SFP+ MSA compliant
- Multi-vendor compatibility
- Industrial temperature

Ordering information
Models:
Intelligent SFP module, ARM CPU, FPGA, Gigabit Ethernet, 1000BASE-LX, DDM, 1310 nm, 20 km, 2xSMF, LC
Intelligent SFP module, ARM CPU, FPGA, Gigabit Ethernet, 1000BASE-LX, DDM, Tx: 1310 nm, Rx: 1550 nm, 20 km, SMF, LC
Intelligent SFP module, ARM CPU, FPGA, Gigabit Ethernet, 1000BASE-LX, DDM, Tx: 1550 nm, Rx: 1310 nm, 20 km, SMF, LC
Intelligent SFP module, ARM CPU, FPGA, Gigabit Ethernet, 10/100/1000BASE-T, RJ-45
Intelligent SFP module, ARMv8 CPU, Gigabit Ethernet, 1000BASE-LX, DDM, 1310 nm, 20 km, 2xSMF, LC
Intelligent SFP module, ARM CPU, FPGA, 1/10 Gigabit Ethernet, 10GBASE-LR, DDM, 1310 nm, 10 km, 2xSMF, LC
Intelligent SFP module, MIPS CPU, Ethernet switch, 1/10 Gigabit Ethernet, 10GBASE-LR, DDM, 1310 nm, 10 km, 2xSMF, LC

Find out more: plumspace.com, info@plumspace.com

We are open for partnership