

BEST IN CLASS A³NPM

Analyze Alert Act Network Performance Management

SIDEBAND NETWORKS A³NPM...

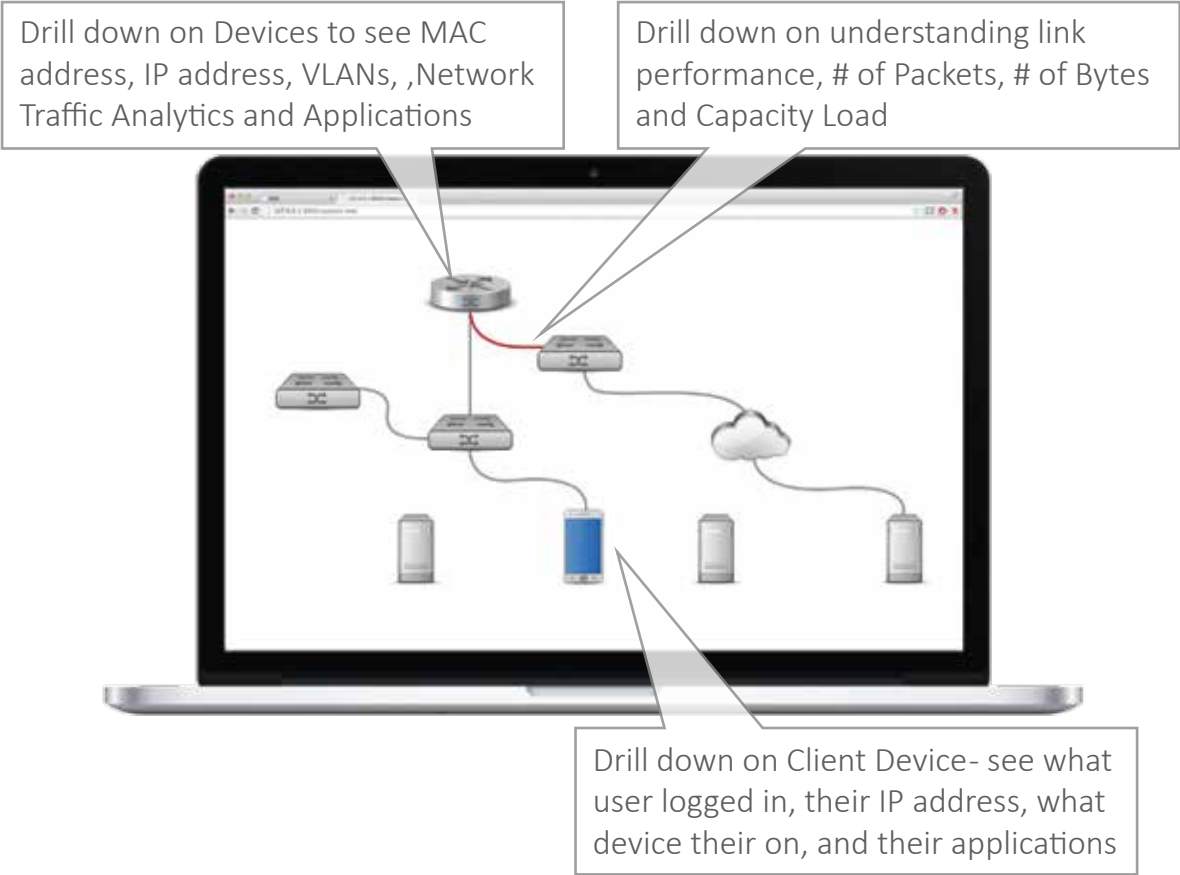
UNIFIES AND ANALYZES	CORRELATES	ALERTS AND ACTS
<ul style="list-style-type: none">• Application, Infrastructure and Network Traffic Topology• Multi-Vendor Environments• SDN capable switch/routers• Endpoint visibility	<ul style="list-style-type: none">• Overlay traffic to topology• Anomaly detection• Network usage & throughput• Flow performance	<ul style="list-style-type: none">• Network performance• Application & network usage• Network configuration• Intrusion detection

Organizations today are looking for a new breed of network performance tools that do more than just monitoring. These tools need to be application-aware, analyze data, and alert on anomalous behavior. In addition, they must identify and act to correct the root cause. They must deliver applications and information efficiently throughout the organization, manage ever-changing east-west traffic patterns, and minimize expensive data center downtime. Dealing with the challenges of managing and securing a growing network needs a new approach.

Planning, engineering, and operations departments have become more interdependent as network complexity has increased. Point solutions that address specific areas of the network such as servers, applications, databases, or other devices lack the capability to correlate information and pinpoint the root cause of an issue within the network.

TOPOLOGY DRIVEN SINGLE PANE VIEW

In the current market, network topology tools only allow the administrator to manually build the network view. Sideband’s Dynamic Network Discovery feature builds a topology view automatically and refreshes constantly to expedite drilling down into Live Traffic Flow, Applications, Devices, and Users. The Sideband feature allows the administrator to visualize the correlation of network traffic data in real-time. The next generation Smart Single Point of Management starts with a Topology Driven Single Pane View.



SIDEBAND NETWORKS BENEFITS OVER CURRENT TOOLS

	Sideband Networks	NPM Market Leaders
Dynamic Network Topology with Layer 2 and 3	▲	▼
Layer 4 to 7 Application Awareness	▲	●
Layer 2 to 7 Flow Performance Metrics	▲	●
Data Analysis	▲	▼
Data Correlation	▲	▼
Alert	▲	●
Act	▲	▼

	Sideband Networks	NPM Market Leaders
IT Ops Analytics	▲	●
Network Fault	●	▼
Network Performance	●	▲
Capacity Planning	●	●
Cost	\$	\$\$\$

Legend

▲ = strong ● = good ▼ = weak

IT OPERATION ANALYTICS

Current IT Ops Analytics solutions enable correlation between SNMP configuration, alerts, SIEM logs, and NetFlow records. However, application analysis may happen hours, days, or weeks later. Tracking down and identifying the root cause is still a manual task, and requires a separate network management system to take action.

Sideband's solution enables correlation of live traffic with historical data, generates alerts with real-time cause analysis, and recommends action to correct network issues, resulting in continued business operations and significant economic realizations.



NETWORK FAULT ANALYSIS

SNMP based monitoring can identify aggregate network issues such as an outage or bandwidth constraint, but cannot identify the specific problem or secondary impacts.

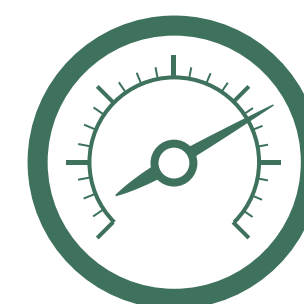
Sideband analyzes and correlates network device configuration with live traffic. This ability to generate alerts and act on issues provides comprehensive troubleshooting capability.



INTEGRATED NETWORK PERFORMANCE VISIBILITY

When Network, IT Operations, and Security personnel cannot clearly identify the cause of application and network performance degradation, valuable time is wasted playing the blame game. Narrowly focused solutions may be good in a very specific area of interest, but there is a lack of multi-vendor and cross-functional management solutions.

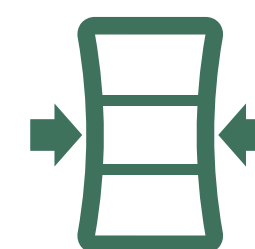
Sideband's Single Point of Management solution is architected to provide an overwhelming comprehensive picture.



CAPACITY PLANNING

Capacity planning is difficult for IT professionals because it requires more than a snapshot in time. Networks are constantly changing and are dynamic in nature.

Sideband's technology dynamically enables effective capacity planning by providing real-time analysis and dynamically incorporating changes in usage and throughput.



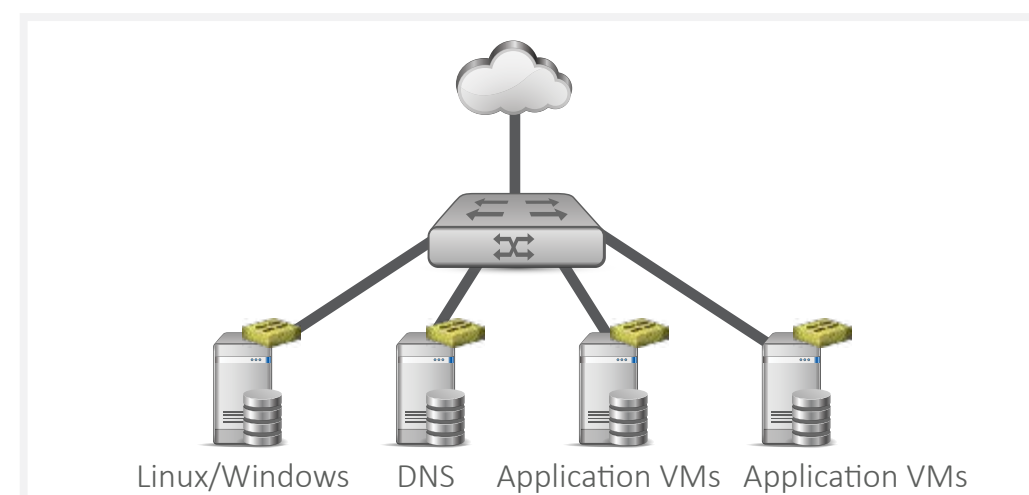
SCALABLE AND FLEXIBLE

Sideband Networks deploys and scales easily from small networks to large multi-site enterprise networks, and from complex data centers to cloud service networks. The vXRE and XRE-4000 can be deployed in a distributed manner across multiple sites and locations to gather complete visibility of the traffic and the network topology.

Sideband Network's vXRE virtual machine and XRE 4000 appliance can provide visibility of the physical and virtual environments, as well as Software Defined Network (SDN) equipment in three easy deployment scenarios.

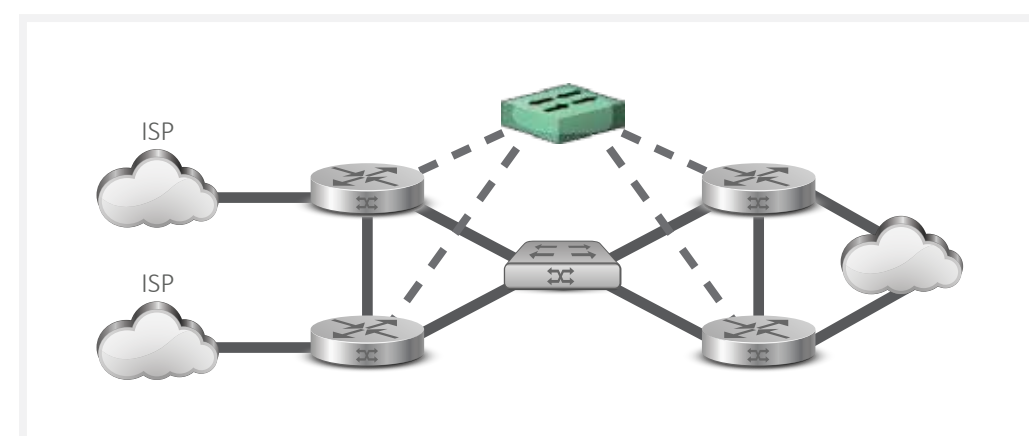
VXRE DEPLOYMENT

The vXRE may be deployed on any ESXi Server, Fusion or Workstation client to monitor VM north-south traffic, VM east-west traffic, and network traffic at specific locations within the physical network. A distributed deployment of vXRE will optimize automatically to ensure complete monitoring and performance metrics ideal for remote offices, SME/SMB, and remote trouble-shooting.



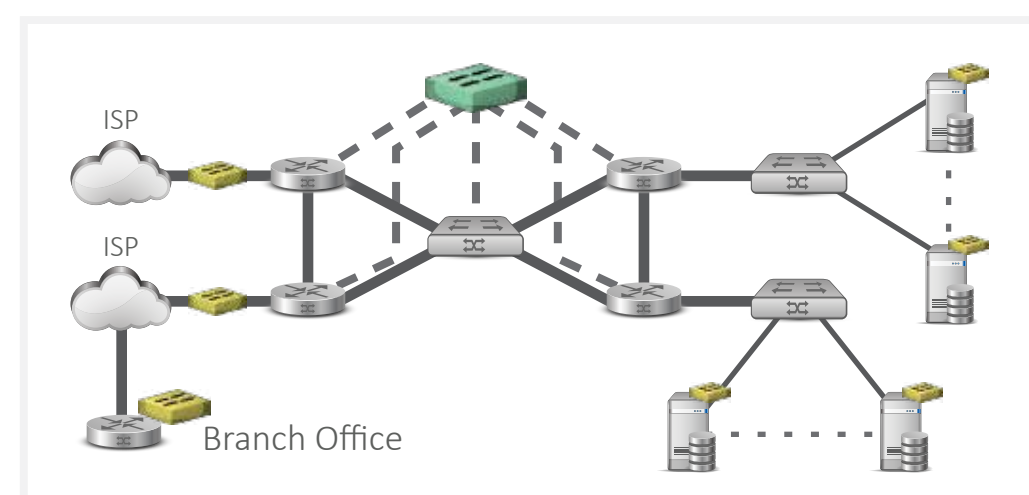
XRE DEPLOYMENT

In the core network, the XRE supports 1/10Gbps and 40Gbps links. XRE solution provides full network visibility of applications, devices and users. When XRE integrates with the networks Active Directory; IT Staff now has visibility to the device and user when they log in with credentials into a corporate network.



HYBRID DISTRIBUTED DEPLOYMENT

Enterprise Networks that are of traditional Hub and Spoke design can take advantage of a HYBRID deployment where a centralized XRE appliance communicate with vXRE's deployed amongst branch offices. Complete visibility to applications, users and devices in the local and remote networks is provided with the ability to act on alerts to network issues in real time.



For more information please email info@sidebandnetworks.com