

## SwitchMonitor™ VoIP

# Comprehensive VoIP Quality Monitoring Software

Ensures optimum VoIP and network performance

- Call Path Mapping report quickly discloses where a VoIP call went bad and why.
- Unique single-ended Call Simulator performs test calls to any intermediary IP address.
- Easily locates VoIP phones on the network, down to the switch and port.
- Also includes all features of the original SwitchMonitor™.

### Complete Call Path Mapping

Performs a complete “Layer-2 traceroute” to find every cable span passing traffic between two IP phones and quickly learns which links are discarding packets at the time of a bad call.

### Phone Locator

All VoIP phones and gateways are identified on the Phones report along with the switch and port where they are connected. Each phone shows the endpoint health (error and utilization rate) to ensure that all VoIP endpoints have healthy network connections.

### Easily Find Misconfigured QoS on Interfaces

Queries the queuing configuration of interfaces on Cisco router interfaces along the data path to ensure links have the correct configuration for available bandwidth.

### Evaluate Current, In-Progress Calls

The call path report permits analysis of current, in-progress calls by evaluating bandwidth utilization of all involved links.

### Rapid Assessment of WAN Links

The assessment report displays your WAN’s ability to handle VoIP calls, including the number of concurrent streams that can be handled by each link.



Call Path Mapping report

### Powerful Call Simulation

Patent-pending call simulation technology that does not require remote agents and runs without installing any software, making it incredibly fast to perform multiple simulations to a variety of endpoints. Since any IP address can be used as an endpoint, you can simulate VoIP calls against router WAN links, VoIP phones, as well as gateways. This flexibility means it’s easy to narrow down the specific link that’s causing the problem—even across unmanaged networks like the Internet or a SIP trunk provider’s network.

To learn more, contact us at [pathsolutions@blackbox-vs.com](mailto:pathsolutions@blackbox-vs.com).