

VoIP Monitor

Measure Network Performance for VoIP Accurately

NETWORK PERFORMANCE ASSESSMENT

Proactive IP SLA-based measurement of live network performance for VoIP call quality, including jitter, latency, and packet loss with performance and active monitors

MOS AND ICPIF SCORING

Easy to understand graphs detail the ability of the network to support VoIP in real-life scenarios with live traffic loads

INTEGRATED WORKSPACES

VoIP Monitor is fully integrated with the award-winning WhatsUp Gold management console, providing consolidated views of information

CONFIGURATION WIZARD

Simplifies the task of setting up and configuring devices to quickly start gathering network performance data

WhatsUp® Gold VoIP Monitor allows you to continuously assess and monitor acceptable performance levels for VoIP (Voice over IP) call quality with an easy-to-use plug-in that collects data and reports on the quality of service (QoS) levels of your network. WhatsUp Gold VoIP Monitor accesses information generated by Cisco IP SLA-enabled devices to monitor performance parameters such as jitter, latency, and packet loss, and display MOS (Mean Opinion Score) and CPIF (Capacity Planning Impairment Factor).

Offered as a value-added plug-in to the extensible WhatsUp Gold architecture, WhatsUp Gold VoIP Monitor leverages the core services of WhatsUp Gold to provide insight into network capacity and VoIP service levels. With WhatsUp Gold VoIP Monitor, network managers who are responsible for combined data and voice networks can be assured of having seamlessly integrated 360° visibility, actionable intelligence, and complete control for VoIP.

Networks face data and voice convergence

All organizations must have reliable voice communications in order to conduct their everyday business. As corporations replace their traditional voice communications systems by investing in VoIP infrastructure and deploying it on top of their existing data networks, a new set of problems can surface. These converged networks were initially designed for data traffic only and introducing voice traffic can result in degraded overall performance for both traffic types. Therefore, you must have the ability to continuously measure your network's capacity to sustain adequate VoIP QoS, and ensure response times for both application and voice traffic.

WhatsUp Gold VoIP Monitor leverages the data produced by IP SLA measurements, along with active SNMP monitors, giving you the ability to measure VoIP-specific network metrics on local networks and WAN links. Using the SNMP data, WhatsUp Gold VoIP Monitor generates graphs and reports jitter, latency, and packet loss that may be occurring in the network. By combining the information from the measurements with codec simulation data generated by IP SLA, WhatsUp Gold VoIP Monitor can also graph MOS and ICPIF voice quality scoring for VoIP in a live network.

The WhatsUp Gold VoIP Monitor configuration wizard minimizes the setup and configuration time required to identify IP SLA sources and destinations. WhatsUp Gold workspace views feature graphs that provide data to immediately assess the readiness and current ability of the network to support VoIP-based traffic. The VoIP Monitor provides network managers with additional VoIP specific data to supplement existing performance metrics for bandwidth and interface utilization.

WhatsUp Gold VoIP Monitor is available as a plug-in for all editions of WhatsUp Gold v12.0 and above.



Performance Monitors for Network Measurement

Six performance monitors included with WhatsUp Gold VoIP Monitor measure jitter, latency, and packet loss from both source to destination and from destination to source. Two additional performance monitors provide MOS and ICPIF scoring information.

WhatsUp Gold VoIP Monitor Configuration Wizard

WhatsUp Gold VoIP Monitor configuration utility scans the WhatsUp Gold database for SNMP devices with credentials. After the required devices are identified, an IP SLA source device can be selected as the source for VoIP Round-Trip Time (RTT) data. The wizard then steps through the setup for VoIP performance monitors, workspace views, and active monitors for the selected IP SLA devices.

Active Monitor for Mean Opinion Score (MOS)

WhatsUp Gold VoIP Monitor provides a configurable active monitor for MOS that can trigger an alert if network degradation causes the value to go below the configured MOS threshold.

VoIP Monitor Workspace View

WhatsUp Gold VoIP Monitor is fully integrated with the management and reporting infrastructure of the WhatsUp Gold product family. Measurement data is integrated into the WhatsUp Gold database and accessible from a single, consolidated workspace view, simplifying operations for network managers.

WhatsUp Gold VoIP Monitor is part of the **WhatsUp Gold Suite of Integrated Products**, delivering unified IT monitoring from one single view.

Learn more at
www.ipswitch.com/infrastructure-and-application-management

For a free 30-day trial please visit: www.ipswitch.com/free-trials/whatsupgold

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