



Vertical Voice/Video Quality Monitor

Real-time quality monitoring of Wave IP Communications Systems

Vertical Voice/Video Quality Monitor (VQM) is an advanced performance management system for SIP networks that monitors, tests and troubleshoots VoIP and videoconferencing performance. Ideal for data centers in high-demand enterprises such as retail environments, VQM automatically monitors tens of thousands of concurrent voice calls and video sessions in real time, providing accurate QoE (MOS) scores and detailed performance metrics for every call/session.

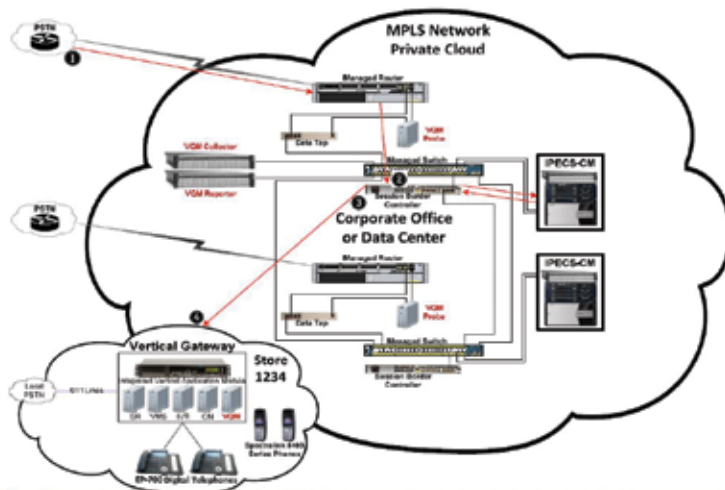
Real-Time Quality Monitoring – VQM provides a real-time view of IP voice and video performance by collecting and analyzing quality reports from Wave IP gateway systems, passive probes, VoIP and video IP endpoints, and other RFC 6035-compliant devices.

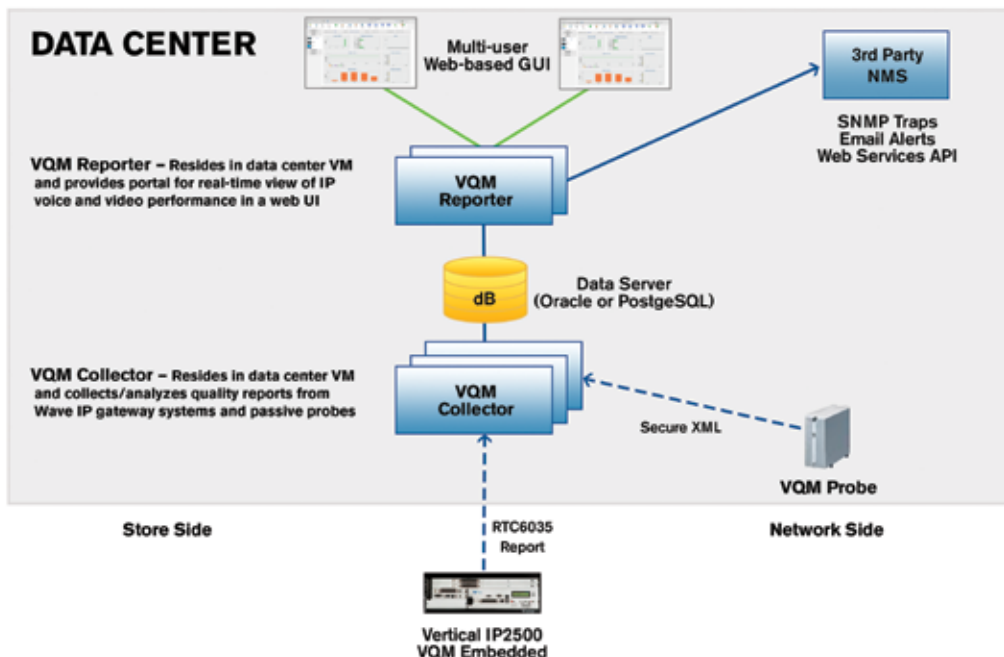
Proactively Identify Problems – VQM immediately highlights quality impairments on its web UI dashboard and generates email alerts and SNMP traps if service performance thresholds are exceeded.

Sophisticated Testing & Problem Diagnosis – VQM actively tests and troubleshoots VoIP, IP Video, Web, Email and Data performance using powerful software test agents that can run on Linux/Windows virtual machines or standard hardware anywhere in the network.

Powerful Data Aggregation and Filtering – VQM automatically maps performance data to locations and other resources, and provides per-location dashboards. You can easily restrict users to specific resources to keep private data secure.

Quick Access to Data – VQM's interactive charts allow users to quickly drill down into crucial data without hunting through complicated menus with click-to-view detailed call diagnostics and custom dashboards by customer or location.





Monitor Inbound/Outbound and Store-to-Store Calls

On the store side, the VQM Embedded application provides functionality that reports real-time Tx/Rx data (RFC 6035) from the Wave IP system side of inbound and outbound IP voice calls. This data is sent to the VQM Collector for post processing, correlation and analysis. The VQM Probe software application on the network side resides at key demarcation points (e.g., session border controller) and provides near-real-time visibility into inbound and outbound IP voice call quality. Metrics are sent to the VQM Collector for post-processing, correlation and analysis. VQM's Reporter dashboard web UI provides a real-time view of service quality, and allows IT staff to quickly identify and diagnose the root cause of performance problems.



For more information on solutions from Vertical Communications®, call 1-877-VERTICAL, or visit www.vertical.com.

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