

Conducting Network Readiness Assessments

Organizations often underestimate the task of network assurance prior to deploying a performance sensitive application such as VoIP, VDI and video conferencing to remote locations. A mean opinion score [MOS] and loss measurements are not enough to determine call quality and network capability, nor do they take into consideration the varying conditions of network traffic.

Because the requirement isn't clear, some organizations use these measures alone to test their network's readiness for unified communication, as well as afterward to see if their deployment was successful, but this isn't enough to ensure top performance.

It is critical to test and assess your network prior to making infrastructure changes or rolling out new applications. Projects like integrating company networks due to M&A activity, transitioning to an MPLS network, or deploying new applications like VoIP involve operational risks for your customers and you must assure the deployment is error-free.

PathView Cloud's network assessment capabilities help you accurately measure how reliable your network will be.

Network assessments requires a five-step approach:

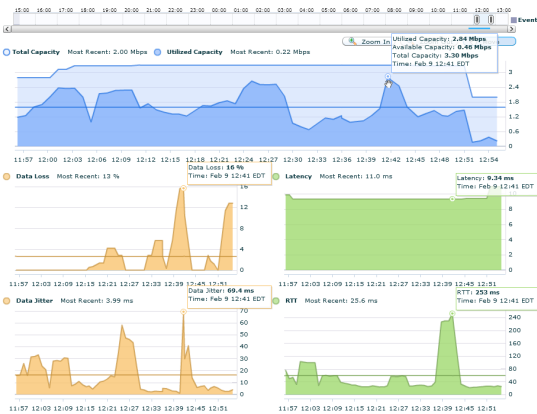
1. Pre-deployment assessment [Will it work?]
2. Post-deployment assessment [Does it work?]
3. Ongoing monitoring [How to keep it working?]
4. Troubleshooting [Unforeseen problems]
5. And of course, accurate reports at each stage

"75% of enterprises that do not perform a pre-implementation analysis of their IP network will not achieve a successful VoIP implementation."
- Gartner, inc.

PathView Capabilities for Remote Performance Management

- Assesses network readiness for new applications and infrastructure
- Proactively troubleshoots network and application performance issues with hop-by-hop analyses from the source to remote sites
- Deploys in minutes with cloud-based architecture and zero administration PathView Appliances
- Monitors network performance, Quality of Experience and Service Level Agreements
- Tracks your carrier's performance with measurements such as bandwidth, jitter, latency and packet loss

Creating New Revenue with Network Assessments



Delivering VoIP, VDI and video conferencing services to remote locations often requires traversing corporate, service provider and remote, unmanaged networks. Network engineers use PathView Cloud to quickly isolate performance issues for these applications regardless of who owns the network. Service providers must assess their customers' networks prior to deployment in order to reduce risk and ensure successful roll out of the applications.

Once the network has been assessed and the new applications are deployed, PathView Cloud continues to monitor the network paths, pinpointing and alerting network engineers to any disruptions or performance failures.

“Many customers looking to implement a VoIP solution for the first time have absolutely no idea how critical a clean data path is to its usability. We use PathView and PathView Cloud to get an in-depth look at a customer’s network health. It’s like an MRI for their IT departments.”

- Eric Knaus, president of RonEK Communications



The PathView microAppliance is a small, zero administration device that remotely tests and troubleshoots complex networks.