



Designing, deploying, and securely operating a VoIP network is a complex effort that requires careful preparation. The integration of a VoIP system into a poorly documented, congested and overburdened network can create serious problems for an organization. There is no easy "one size fits all" solution.

### **Gartner Group says:**

*"Pre-implementation assessment and planning is crucial to ensuring that the IP network infrastructure is capable of supporting voice - a mission-critical application - to the required high levels of performance. Many enterprises do not perform this activity prior to implementing VoIP and IP telephony. The results can be disastrous, leading to a poor-quality voice system that can cost the enterprise lost business and revenue"*

### **VodaMetRx™ VoIP Readiness**

Companies are faced with a daunting task when implementing IP telephony solutions over networks that may not be capable of handling the increased traffic. Sonalyt Solutions proactively identifies these issues by conducting a comprehensive testing regimen that includes IP call simulation and extensive stress testing. Sonalyt Solution's proprietary testing and analysis methodology is derived from 40 years of combined network assessment and telecommunications experience. This approach allows us to assess, stress, and re-assess a corporate network through all 7-Layers of the OSI Model, ensuring successful VoIP implementations by eliminating the typical root causes of failure.



**SIP and H.323 Analysis, VoIP Traffic Simulation, Network Utilization Study, Call Quality Analysis, LAN & WAN Study, Protocol Analysis, Cabling Infrastructure Analysis.**

Comprehensive documentation is provided to the client as well as the proposed IP telephony vendor upon completion of analysis.

### **HealthWatch™ VoIP Quality Monitoring**

Companies rolling out Voice Over IP understand the importance of pre-planning and testing prior to the deployment of an IP phone solution, but many fail to realize how dynamic an IP network really is. Sonalyt HealthWatch provides customers with the ability to proactively manage these dynamics providing, monitoring, reporting and diagnostics, after the dust has settled on their VoIP deployment.

**About Sonalyt Solutions** Sonalyt is a premier independent testing firm, specializing in convergence readiness assessments and VoIP Security. Our unique methodology addresses all 7 layers of the OSI model, allowing Sonalyt to assess the readiness of your current infrastructure to deploy convergence based technologies, stress the network utilizing simulated call traffic patterned after the organization's actual calling records, and then re-assess based upon the simulated traffic generated to stress the network.

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