

Codima VoIP Readiness Toolbox

The Real Cost of VoIP

Organizations are increasingly choosing to implement VoIP to achieve operational cost savings. However, VoIP implementations or expansion programs can be more expensive than planned because of issues with network bandwidth, or inadequate infrastructure to handle extra phones.

Operational problems with VoIP could result in the new technology not being adopted by clients and end users. This could jeopardize any cost savings that might have been achieved by installing VoIP.

Stress Testing the Limits of the Network

Easy to install and deploy, the Codima VoIP Readiness Toolbox enables IT consultants, system integrators and in-house IT teams to stress test the phone loading limits on all types of VoIP networks, preventing unexpected implementation costs and project delays as well as ensuring end user satisfaction and adoption.

Codima VoIP Readiness Toolbox tests all key paths simultaneously, in real time using real RTP frames to generate high loading levels in full duplex.

In addition, phone loading can be done gradually in small increments of 5, 10 or 20 steps and tests can run as long as desired with hourly results broken down over a rolling 7 day period, to catch time related pattern variations.

Parallel Testing

The Codima VoIP Readiness Toolbox saves time and effort by grouping together tests. Two different Codecs can be tested at the same time, allowing the effect of different packet sizes and traffic priority to be examined.

Two different DiffServ values can also be tested at the same time, allowing for VoIP and non-VoIP loading to be sent at the same time. This is especially useful for testing green field sites.

Pre Deployment Reports

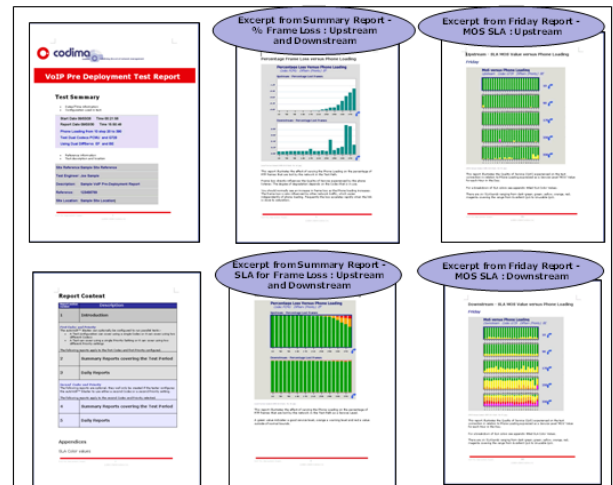
Reports are generated in Microsoft Word® to show when and at what loading levels the path under test had an unacceptable Quality of Service. This information can for instance be used to help justify any extra expenditure needed to implement the planned phone deployment.

Fully Integrated

The Codima VoIP Readiness Toolbox is part of an integrated solution that includes automatic asset inventory and direct visualization of the network topology in Visio®. It can identify switches with spare capacity to add VoIP kit and establish if routers or switches are capable of prioritizing VoIP traffic.

Also included are Protocol and Passive Analysis tools for analyzing network traffic trends and troubleshooting. An upgrade to the Codima Toolbox All in One, provides capability for bottlenecks in the path under test to be identified by Bottleneck Analysis and Path Analysis tools.

Pre Deployment Assessment Report



Cisco Approved

This complete, cost effective network management solution delivers a return-on-investment within the shortest payback time. Cisco endorses the use of the Codima VoIP Readiness Toolbox by its partners for pre deployment assessments before installing Cisco Skinny networks.

Key Features

- Seamless and rigorous VoIP readiness testing with reports automatically generated in Microsoft Word
- Facilities to test multiple paths in parallel using different test patterns
- Control operations over multiple customer networks remotely
- Accurate IT asset inventory using current network asset information obtained from network devices
- Granular visualization in Microsoft® Office Visio® of entire 'live' network
- Multi site scheduler used to discover networks from a central point

Tools

Asset Inventory & Reports ■ Mapping ■ Visualizing in Microsoft® Office Visio® ■ Multi-site Scheduler ■ IP Pinging ■ Global Alarm System ■ Protocol Analysis ■ Passive Analysis ■ VoIP Pre Deployment Assessment ■ Report Manager ■ Remote Manager

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