



codima
technologies

redefining the art of network management

autoVoIP™	autoVoIP™ Consultancy Kit	autoVoIP™ Traffic Simulator	autoMap™	autoAsset™	autoAnalyzer™ Consultancy Kit
-----------	--	-----------------------------------	----------	------------	-------------------------------------

Overview

autoVoIP™ Consultancy Kit is created with the service engineer or consultant in mind, in need of a qualified tool yet portable to manage VoIP networks.

VoIP Today

Today's increasing VoIP usage requires complete solutions to ensure successful VoIP implementations. Simulating traffic and testing the limits of the VoIP network is crucial prior to operation. As is minimizing downtime and assuring quality of service on a daily basis to satisfy customers. An increase of a few percent in downtime per month equals hours of disrupted VoIP services.

On autoVoIP™ Consultancy Kit

This versatile value added network management tool provides integrated Flow and RTP analyzers and can measure up to 1000 phones.

autoVoIP™ Consultancy Kit is the ideal tool for pre – and post deployment assurance. Installed on a laptop PC it offers easy access to real time VoIP network management and enables the service engineer or consultant to perform on location detailed problem identifying.

autoVoIP™ Consultancy Kit automatically finds all IP phones deployed. It gathers quality of service parameters, including delay, lost packets and jitter, the state of the network, the VoIP server performance, its topology and potential problems on the communication.

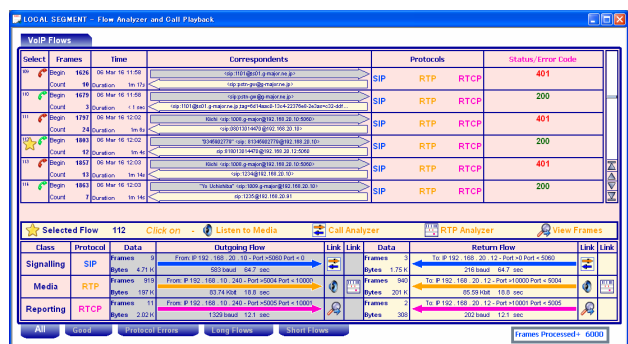
The SIP server performance is also tracked continuously, checking response time and identifying error patterns. It correlates and filters this information and presents it through an easily understandable grid-style overview.

At a glance, the user can identify problem phones or errors, and is just a click away from pre-filtered detailed reports on the phone or problem area as well as service assurance reports. Some security situations may be correlated, such as Ping attacks.

autoVoIP™ Consultancy Kit is created with the trademarks of Codima Toolbox, easy-to-use, cost efficient and highly visual.

autoVoIP™ Consultancy Kit can be deployed with add on modules Remote Management, Call Playback, and add on tools autoAsset™, autoVoIP™ Traffic Simulator with add on Traffic Blaster.

**Ideal VoIP Network Management tool
for service engineers
Monitoring, Analyzing and Mapping
with Flow and RTP analyzer,
up to 1000 phones,
available for laptop PC**



Value Proposition

- ▶ At-a-glance identification of problem calls and phones
- ▶ Instant correlation of network conditions to ensure Quality of Service
- ▶ One Click Management™ navigation to all reports and diagnostics, including MOS scores

Return On Investment

- ▶ Minimize downtime
- ▶ Efficient on location problem identification
- ▶ Increase customer satisfaction

Codima Technologies www.codimatech.com					
Stockholm nordicsales@codimatech.com	Philadelphia ussales@codimatech.com	London emeasales@codimatech.com	Sydney australiasales@codimatech.com	Tokyo asiasales@codimatech.com	

Key Features

- Dashboard approach and One-Click Management™ makes the product easy to drive and highly useful
- A plain-text call analyzer (one click and it really is all there) with graded levels of event information to isolate call set-up issues

Key Benefits

- Significant reduction in the cost ongoing monitoring of VoIP on mixed data and voice IP networks
- Provision of proactive maintenance capability
- Delivers a huge improvement in problem-identification times through automated root-cause analysis
- Ease of deployment, starts monitoring immediately. Minimal to zero configuration.
- Reduction in the cost of deploying VoIP management
- Reduction in the cost of administration and training

Key Functions

- A sophisticated correlation engine that puts all the relevant functions together and automatically presents the results to the user for easy problem identification
- Consolidation of a diverse set of functions that integrate the capabilities of network management and analyzer products as well as dedicated voice application ones
- Tracks call quality and predicts MoS and 'R' values
- Monitors server performance and error situation in great detail

Requirements

- RTP, RTCP and SIP on monitored phones
- Windows 2000, 2003 Server or XP with 2GHz CPU (minimum)
- 1Gb RAM (minimum)
- Monitor resolution of 1280x1024 (minimum)

Remote Management

- Adds the ability to view Remote Probes without any server using very low bandwidth link
- Gives full local interactivity – remotely
- Enabling for example larger organizations to manage VoIP networks at local offices
- Additional requirement - a PC running Windows 2000, XP or Server 2003 with 2GHz CPU (minimum)

Call Playback

- Adding Call playback makes it possible to record phone calls for quality measurement purposes, documenting quality of service, replaying payload using a media player
- Uses automatic filters showing the call set up process with transaction response times
- Note that recording of phone conversations must be permitted according to law to be installed

autoAsset™

- Adds Discovering and Reporting for any software or hardware in any Infrastructure

autoVoIP™ Traffic Simulator with Traffic Blaster

- Adds pre- and post deployment traffic simulation. It measures quality of service at different points on the network by simulating synthetic phone traffic.
- This is a true simulator using real RTP frames, sent at standard frame rates over UDP with RTP ports. That ensures the QoS engineering in the network will treat the stream the same as normal VoIP Traffic - in contrast to an ICMP Pinger.
- Add on Traffic Blaster stress tests the quality of service experience for each point on the network, when a traffic simulation is performed, by providing extra controlled loading of VoIP and non VoIP traffic.