



### Overview

autoVoIP™ from Codima Toolbox, delivers core VoIP network management.

Its unique 'beginning to end' solution includes pre-assessment tools, traffic simulation, post deployment monitoring and troubleshooting tools.

### 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™

autoVoIP™ and its add on system allows help-desk and network operations centers to customize flexible and scalable solutions.

Pre- and post deployment functions include One Click Management™ making it easy to navigate to all reports and diagnostics, including MOS scores.

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

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

autoVoIP™ can be deployed as stand alone or with add on modules Remote Management, Flow analyzer, RTP analyzer, Call Playback and add on tools autoMap™ and autoAsset™.

## Unrivalled VoIP Network Management tool Monitors and Troubleshoots VoIP networks in Real-time with easy to use One-Click Management™



### Value Proposition

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

### Return On Investment

- ▶ Minimizing downtime
- ▶ Ensuring QoS and customer satisfaction
- ▶ Lower maintenance, training and administrative costs

### 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 1280 x 1024 (minimum)

### Remote Management

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

### Flow analyzer

- Analyzes the frame flow - breaking it down into calls - class media, signalling are reported

### RTP analyzer

- Analyzes the RTP payload frames - highlighting for example queuing delays on Switches/Routers or missing frame patterns.

### 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

### autoMap™

- Adds ability to automatically generate topology maps, using Microsoft® Office Visio®

### autoAsset™

- Adds discovery and reporting for any software or hardware in any infrastructure