

Codima Toolbox

autoVoIP™	autoVoIP™ Consultancy Kit	autoVoIP™ Traffic Simulator	autoMap™	autoAsset™	autoAnalyzer™ Consultancy Kit
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Ideal VoIP tool kit for IT Professionals

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

VoIP Today

Today's increasing VoIP usage requires beginning to end solutions to ensure successful VoIP installations.

It is crucial to minimize downtime and assure quality of service on a daily basis to satisfy customers, hence monitoring, analyzing and troubleshooting is most important. An increase of a few percent in downtime per month equals hours of disrupted VoIP services.

Pre- and post deployment assurance

This versatile value added tool provides integrated Frame Flow and RTP analyzers and can measure up to 500 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 SIP phones deployed. It gathers quality of service parameters, including delay, lost packets and jitter.

MOS scores and R values are automatically calculated.

The SIP server performance is also tracked continuously, checking response time and identifying error patterns.

autoVoIP™ Consultancy Kit correlates and filters phone information. A grid-style overview visualizes the information making it easy to understand, and at a glance problem phones and errors can be identified.

autoVoIP™ Report Browser supplies valuable information, reporting on the history patterns and QoS achieved. Also, pre-filtered historical reports are just a click away.

Since autoVoIP™ Traffic Simulator has the capability to re-size screen formats, users can continue to use their existing equipment.

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.



**Monitor Analyze and Display
up to 500 phones
with Frame Flow and RTP analyzer
- available for laptop PC**



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
- ▶ MOS score and R values automatically calculated
- ▶ In depth analysis of VoIP traffic flow using Frame Flow Analyzer

Return of Investment

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

Codima Partners

		
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Codima Technologies

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About autoVoIP™ Consultancy Kit

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
- autoVoIP™ Report Browser produces a wide range of useful VoIP reports in htm format. The reports are automatically created daily, weekly or monthly and can be customized to local languages and include company logos.

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
- Security situations such as Ping attacks can be correlated with operational problems
- 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

- The Automated Correlation Engine (ACE), a sophisticated correlation engine pin points the route cause of problems by gathering all the relevant statistics and automatically presenting the graphical results 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 calculates MoS and 'R' values
- Independently monitors SIP server performance and error reports
- Analyzes the frame flow - separating the dialogs, breaking them down into Media, Signalling and Reporting components
- Analyzes the RTP payload frames - highlighting for example queuing delays on Switches/Routers or patterns associated with dropped frames

Requirements

- RTP, RTCP and SIP on monitored phones
- Windows 2003 Server or XP with 2GHz CPU (minimum)
- 1Gb RAM (minimum)
- Monitor resolution: 1280 x 1024 (recommended) 1240 x 768 (minimum)

About add on tools

Remote Management

- Enabling larger organizations to manage VoIP networks at local offices
- Adds the ability to view Remote Probes
- Remote access is secure and uses very little bandwidth
- Gives full local interactivity - remotely
- Additional requirement - a PC for use as a Probe, running Windows XP or Server 2003 with 2GHz CPU (minimum)

Call Playback

- Adding Call playback makes it possible to listen to phone calls for quality measurement purposes, by replaying the voice payload part of pre-captured frame files through a media player
- Note that tapping into, recording or listening in to a conversation where neither part is informed is illegal in most countries. Users have to accept legal liability to use this facility.

autoAsset™

- Adds Discovery and Reporting on all software or hardware in any Infrastructure Network

autoVoIP™ Traffic Simulator

- 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 - a more effective approach for checking QoS than using for example an ICMP Pinger.
- 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.
- Free software for the remote ends of the links, autoVoIP™ Traffic Simulator Sink system and the Traffic Blaster target system can be downloaded on local PCs making autoVoIP™ Traffic Simulator easy to install and deploy.