

Codima VoIP Readiness Toolbox



Prepare for VoIP

The Power of Integration

Codima VoIP Readiness Toolbox delivers the ultimate pre deployment assessment solution to ensure successful VoIP installations in all types of VoIP networks. A fully automated and integrated set of tools discovers IT assets, shows the network topology in Microsoft® Office Visio® views and stress tests the network to see if it can handle the planned phone deployment or if more phones can be added to an existing network.

Discover IT Assets Automatically

Codima VoIP Readiness Toolbox uses current network asset information obtained from network devices to provide an accurate IT asset inventory and produce a wide range of advanced assets reports available in HTML, CSV, TSV and XLS format. The discovery can run across multiple networks helping to control IT assets at remote locations. The Change Control function documents what devices have left and joined the network between discovery runs.

Map and Visualize the Network Topology

Using the discovery information generated by Codima Discovery Engine™, the web-based topology drawings are created directly in Microsoft® Office Visio®, which provides the advantage of automation. The Codima world class algorithm enables users to map even large networks without getting into a tangle. Vendors can be uniquely colored and VM Ware systems highlighted in the Visio® maps to provide clearer topology views.

Test Network Limits

After auditing and documenting the network users should run the VoIP Pre Deployment test. Phone loading limits can be explored throughout a network, testing all the key paths simultaneously. Load, Priority and Codec can be set in one simple single test. Operating in 100% real time, the test uses real RTP frames to generate high loading level in full duplex. Controlled loading allows the user to increment phone counts in 5, 10 or 20 steps. The test can run as long as desired with hourly results broken down over a rolling 7 day period, to catch loading pattern variations.

View Previews and Word Report

Test results are shown as preview screens. The test results are then used to automatically create a Microsoft Word report that shows the QoS for the different Phone Loading.

Check On Key Devices

The integrated pinger facility reports device failure via emails, SMS text messages and SNMP Traps, speeding up failure detection. The failures are also displayed directly on the Visio® maps, making it easy to spot the root cause. There is also an audio report system that eliminates the need to watch a pinger console.

Analyze Network Traffic

The toolbox allows users for example to monitor traffic trends and find top talkers. The real time protocol analysis tool analyzes the frames it passively monitors, to produce easy to read Protocol decode displays. The passive analysis tool provides real time views covering loading, priority, protocols, frame size and ICMP trends.

Easy to Use Centralized Reports

Accessible from a single point, the Reports Manager produces statistical and historical charts for the toolbox in Microsoft® Word and as instant HTML pages.

Save Expenses from the Start

If the IP telephony system operates satisfactory from day one, chances are the cost efficient VoIP technology will be widely accepted with clients and end users. Ignoring VoIP readiness testing can prove to be costly.

Easy to install and deploy, Codima VoIP Readiness Toolbox enables IT consultants, system integrators and in-house IT teams to investigate the network preventing costly project delays and unexpected implementation costs as well as ensuring end user satisfaction. In addition, users can save the expense of installing phones that the network will not be able handle without extra infrastructure investment.



Key features and benefits

- 100% Integration - Reduce IT costs utilizing integrated processes and get maximum out of the network infrastructure with minimum effort
- Automated Network Inventory and Documentation - Save time by automatically obtaining current information directly from network devices to improve IT budgeting, equipment rationalization and network auditing
- Intuitive Maps in Visio® - Make it easy to track historical changes, identify vendors, view network problems live as well as view, share and present complex asset information, with maps created directly in Microsoft® Office Visio®
- Seamless VoIP Readiness Testing - Reduce customer dissatisfaction, lower installation costs and ensure call quality for end user satisfaction to ramp up IP telephony acceptance
- Remote Control - Control operations over multiple customer networks
- Parallel Tests - Run tests in parallel to save time and money - the toolbox tests multiple paths at the same time using different test patterns
- Centralized Report System - Track valuable IT assets and increase information flow proactively managing the network using customizable trend reports
- A Complete Solution Built From Ground Up - Ensure that IT expertise is spending time on important cost reducing strategic projects rather than managing and maintaining a patchwork of third party software

Asset Inventory & Reports

Codima Discovery Engine™ discovers software and devices on any IT network. Valuable asset inventory reports are produced in HTML. The Change Control Facility highlights changes that have occurred on the network between discovery runs. Protocols in use include SNMP, SIP, NetBIOS, ICMP and rDNS, as well as proprietary vendor protocols such as WMI, CDP or EDP.

Mapping

Maps managed and unmanaged devices - an agent less solution utilizing information already available from devices and processes on the network. Makes use of information monitored by the passive analysis tool.

Visualizing in Visio®

Generates topology drawings directly with Microsoft® Office Visio®, visualizing any IT network. Visio® maps show ping and SNMP monitoring status, VoIP phones status and QoS. Vendors can be uniquely colored and WM Ware systems highlighted in the Visio® maps to provide clearer topology views.

Multi Site Scheduler

Sets up discovery scheduling operation from a central point and automates discovery runs across multiple sites

IP Pinging

Tracks device status and ping response times. Reports device failure via emails, SMS text messages and SNMP Traps and shows the ping failure results directly in the Visio® maps for easy identification of root causes. Provides innovative sound alarms giving instant warnings - no need to watch a ping console or read alarm reports. Direct access from History charts to the Automated Correlation Engine a statistic based Expert System that identifies the root cause of problems and highlights danger areas.

Global Alarm System

Provides a sophisticated failure detection system with flood control. Sends alarm reports as Emails or SMS text messages using an independent email client. Issues SNMP Traps.

Protocol Analysis

Provides a real time protocol decode of monitored traffic. The protocol analyzer and the filters system uses discovered names instead of raw addresses.

Passive Analysis

Provides passive monitoring of network traffic. Analyzes covers protocols, priority settings and node traffic patterns. For example you can see per node and per protocol diff serv usage. Displays live views of traffic trends, covering loading, priority, protocols, frame size and ICMP reports. Includes direct access from History charts to the statistic based Expert System Automated Correlation Engine.

VoIP Pre Deployment Assessment

Stress tests network limits to measure the effect of installing a VoIP System and/or adding more phones to an existing VoIP system

Report Manager

Creates reports in Microsoft® Word on a daily, weekly and monthly basis and on demand in HTML, using the common centralized reports system available across Codima Toolbox. Reports can be tailored to focus on selected devices or types of devices, e.g., Router or Servers. The Report display can be filtered by function and style.

Remote Manager

Enables remote management of tools

Codima's team has a long track record of bringing highly advanced network technology to the market.

Today Codima is recognized for tools that help organizations to reduce costs, save time and successfully manage their Data and VoIP networks.

Codima is a Microsoft® Certified Partner and a provider to Microsoft® Visio® Toolbox.

Codima is an Avaya DevConnect Gold Partner and the asset inventory, mapping, visualization and VoIP monitoring tools are tested and accepted as Avaya Compliant.

DEVELOPER CONNECTION
GOLD

Avaya
COMPLIANT
TESTED
Developer Connection
Program

Microsoft
CERTIFIED
Partner

Microsoft Visio Toolbox

Find us @
Microsoft
Office Marketplace

Headquartered in Philadelphia with 11 local offices worldwide, Codima Toolbox resells through our partners globally.

North America

Philadelphia
ussales@codimatech.com

Asia

Tokyo
asiasales@codimatech.com

Australia

Sydney
australiasales@codimatech.com

EMEA

Brussels
Copenhagen
Dublin
London
Munich
Paris
Stockholm
emeasales@codimatech.com

Latin America

Buenos Aires
sasales@codimatech.com

To find a Codima sales office or reseller near you, visit
www.codimatech.com/products_howtobuy.php