



Perform A Health Check And Reduce IT Costs

The Power of Integration

Codima IT Engineer Toolbox delivers real time performance information, automatically isolating bottlenecks on the network. The toolbox automatically produces trend reports, inventory reports and Microsoft® Office Visio® views showing the network topology and more.

Automate Inventory

Codima IT Engineer 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 Entire IT Networks

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.

Investigate Using Visio® Maps

The intuitive maps show device connection and include vital information such as the line speed and port descriptions. The maps also cover Spanning Tree, Subnet and VLAN topologies. By clicking on selected monitored points in the Visio® Maps users can access monitored service levels as well as information on overloaded ports and problem devices. Device operation and root cause of failure can also be visualized.

Strategic Polling from Visio® Maps

An intelligent and automated polling strategy is used to show how the key links are performing. Devices and ports can be added to the Poll List directly from the Visio® maps.

Find the Weakest Link

The Path Analyzer shows in graphical detail the critical failure points in a path between for example a VoIP Server and a WAN Gateway.

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 Codima IT Engineer Toolbox allows users for example to monitor traffic trends and find top talkers. The comprehensive 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.

Minimize Expensive Downtime

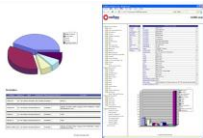
Health checks can be performed with ease, downtime can be minimized and above all the end user experience in business critical IT networks can be improved, driving productivity. The fully integrated technology discovers, maps, monitors and automatically looks for trouble spots providing an easy to use One Stop Solution simplifying performance monitoring.

Codima IT Engineer Toolbox offers a cost effective product with short payback time.



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 Up To Date Reports - Save time and use accurate data by automatically obtaining correct 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®
- Automated Intelligent Poll List - Automatically create the poll list directly from a Visio® View map generated by the discovery process - users can also select the devices and ports they prefer to poll using the SNMP Poll Editor
- SNMP Monitoring - Scan network devices continuously and collect critical information on performance data that matters preventing clogging the network with pointless "what are you doing" traffic
- Network Problem Visualization - Find bottlenecks in the network path that might affect the data and VoIP traffic flow
- Comprehensive Network Analysis - Take advantage of in-depth real time analysis and view real time live views of traffic patterns to reduce expensive network downtime affecting business operations
- Centralized Report System - Track valuable IT assets, and traffic patterns, speed up troubleshooting and increase information flow proactively managing the network using customizable trend reports
- A Complete Solution Built From Ground Up - Ensure that IT expertise are 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 alarms reports as Emails or SMS text messages using an independent email client. Issues SNMP Traps.

SNMP Monitoring

Uses mapping results to provide a controlled and focused polling policy tailored to suit the network. Scans network devices continuously and collects critical information on performance data that matters - automatically uses SNMP in an expert mode, to look for the most relevant data. Targets and analyzes critical links like Server links, WAN links and major uplinks - molds that into useful information for real time network performance monitoring. Polling can also be set from the Visio® maps. Includes the statistic based Expert System Automated Correlation Engine.

Bottleneck Analysis

Identifies the cause of bottlenecks - for example establishes if they are due to overloaded interfaces, too high CPU utilization or insufficient memory and disk space. Includes the statistic based Expert System Automated Correlation Engine.

Path Analysis

Analyzes the key devices in the path and automatically finds the weakest links - finds bottlenecks on selected paths for example in the path used by VoIP traffic.

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.

Reports 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

Remote probes

Monitors and analyzes traffic at remote locations - install local probes

Codima's team has a long track record of bringing highly advanced network management 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



Microsoft Visio Toolbox

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

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