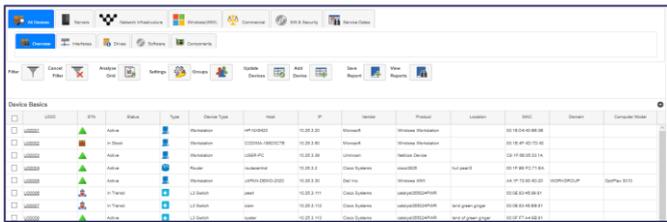


# Codima Toolbox | Inventory and Mapping

## Redefining The Art of Network Inventory and Network Mapping

### What We Discover

The Codima Toolbox Discovery Engine discovers the Network Inventory and asset in your corporate networks without installing any software or agents on them. The database of known managed devices is larger than 20.000 and growing.

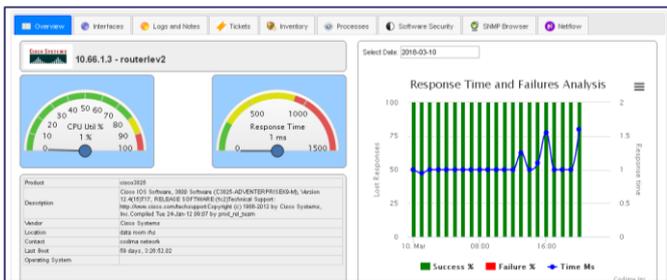
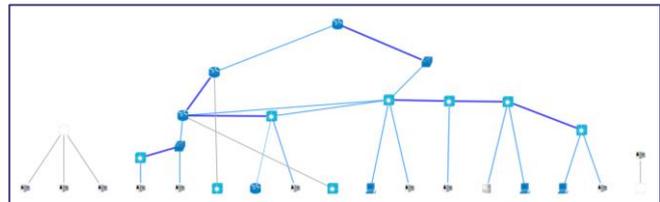
ID	IP	Status	Type	Device Type	Model	IP	Vendor	Product	Location	MAC	Device	Computer Name
1000001	10.0.0.1	Active	Router	Huawei	Huawei S5700	10.0.0.1	Huawei	Switch	10.0.0.1	10.0.0.1	10.0.0.1	
1000002	10.0.0.2	Active	Switch	Huawei	Huawei S5700	10.0.0.2	Huawei	Switch	10.0.0.2	10.0.0.2	10.0.0.2	
1000003	10.0.0.3	Active	Printer	HP	HP LaserJet	10.0.0.3	HP	Printer	10.0.0.3	10.0.0.3	10.0.0.3	
1000004	10.0.0.4	Active	Workstation	Lenovo	Lenovo ThinkPad	10.0.0.4	Lenovo	Workstation	10.0.0.4	10.0.0.4	10.0.0.4	Lenovo-ThinkPad

### How We Inventory

The Codima Toolbox will do the Network Discovery and produce your Network Inventory of hardware and software. The total picture and data of your Network Inventory is the platform for all that you need and want to know about your network.

### What We Map

Codima Toolbox provides instant Networks Maps in Web and Visio for fast overviews and Documentation. The Network Maps can be viewed from remote probes all with live updates.



### How We Monitor

The Network Monitoring system is automated using the Codima Toolbox Network Discovery Engine. The Monitoring engines are highly scalable using full multithreading and staggered polling throughout the polling system. This facilitates monitoring large and small networks alike.

## About Us

Codima delivers in one architecture and one scalable product working from small to the largest network providing all the Network Inventory and Assets information which is mapped on the fly in the Web Map and in Visio for documentation or ITIL purposes and the Network Explorer function provides all the information in one click with all its tailored reports. This improves the user's productivity and keeps the cost down, whether a local network administrator, in a large Datacentre or in a large corporate network.

- Founded 2003
- Over 100 partners

- Many thousands of customers
- All software developed in-house

### We are customer focused

We are experienced IT professionals. The customer is the centre of everything we do.

### We are committed to excellence

We continuously challenge our solutions and ourselves to deliver outstanding quality and performance.

### We exceed expectations

Our performance record speaks for itself. Ask our customers.

# Codima Toolbox | Inventory and Mapping

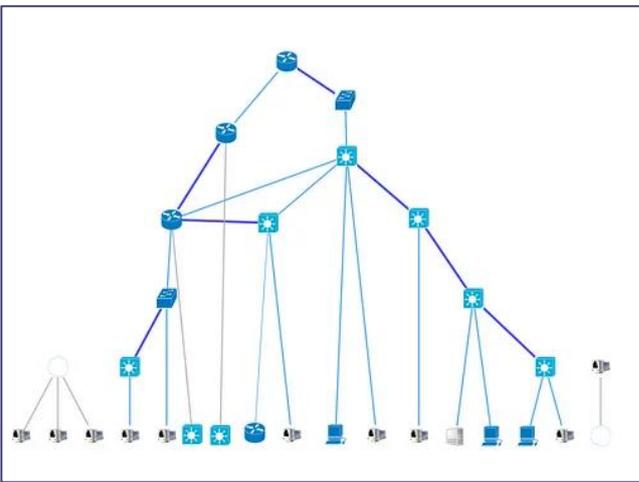
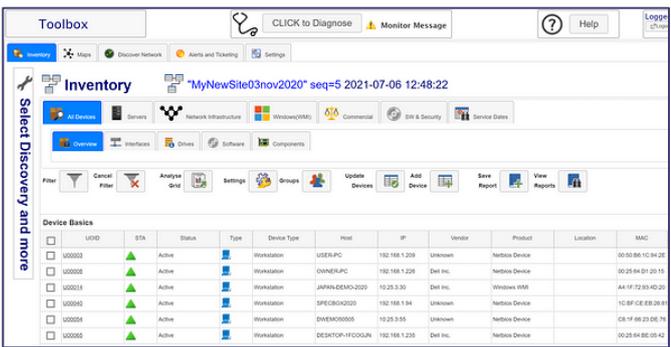
## Feature Overview

### Network Discovery

Fundamental to Network Mapping and Network Monitoring is the Network Discovery. Learn what devices, software, and links are present. Save Time and Resources through automation.

The Codima Toolbox Discovery feature allows you to find computers, printers, routers, switches, etc. that are on your network and organise the information in an easily understood format. By enabling SNMP and/or WMI, your discoveries can become incredibly detailed and informative.

Set up automatic discoveries to avoid the repetitiveness of manually performing network discoveries by using the Discovery Scheduler.

Device Basics	UUID	STA	Status	Type	Device Type	Host	IP	Vendor	Product	Location	MAC
<input type="checkbox"/>	U00003		Active	Workstation	USER-PC	192.168.1.209	Unknown	NetBare Device			00:50:86:1C:94:28
<input type="checkbox"/>	U00008		Active	Workstation	QIANE-PC	192.168.1.228	Dell Inc.	NetBare Device			00:25:64:61:20:15
<input type="checkbox"/>	U00018		Active	Workstation	JAPAN-DEMO-2020	10.25.3.30	Dell Inc.	Windows 8/8.1			A4:1F:72:83:4D:23
<input type="checkbox"/>	U00040		Active	Workstation	SPECOR-02020	192.168.1.94	Unknown	NetBare Device			1C:8F:CE:8B:26:81
<input type="checkbox"/>	U00054		Active	Workstation	DVEMO05005	10.25.3.55	Unknown	NetBare Device			C8:1F:66:23:0E:71
<input type="checkbox"/>	U00065		Active	Workstation	DESKTOP-HFOOJUN	192.168.1.235	Dell Inc.	NetBare Device			00:25:64:8E:05:42

### Inventory and Assets

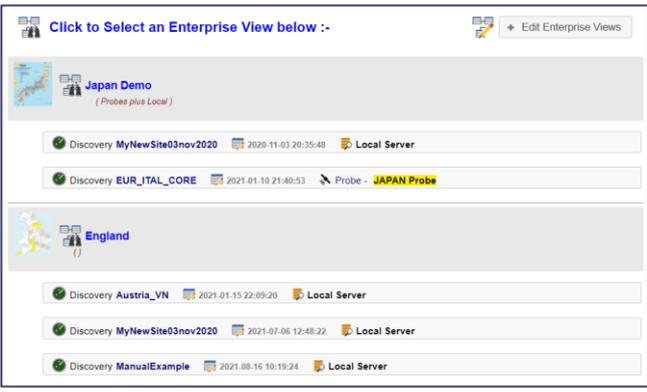
Use Network Discovery and build the Network Inventory and Asset database of devices and software using dynamic searches and user updates.

Codima Toolbox has the ability to manage devices of all types. The Discovery Engine collects information from all network assets that respond to a ping, devices such as PCs, Printer, Servers, Switches, Routers, Firewalls, etc. Toolbox uses information collection methods including SNMP, WMI, WMS, CSP, EDP, Alcatel Interswitch Discovery Protocol, LLDP, SIP Queries, and NetBIOS.

### Enterprise View

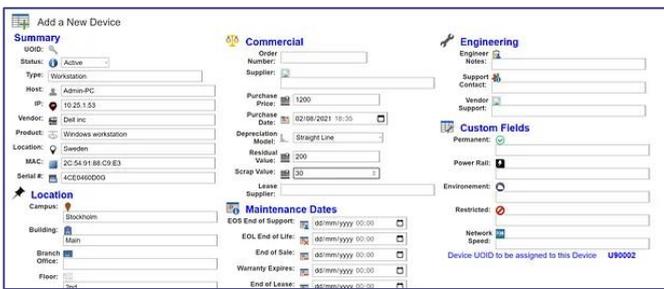
The feature Enterprise View delivers true scalability of deployment and performance extending Network Discovery, Inventory, Mapping, Monitoring on a large scale. The Enterprise view can cover locations worldwide. It is based on the concept of an Enterprise View which is edited by the user to create a collection of network views enabled by Network Discoveries.

Any Network Discovery you perform can be on the local installation server or on remote Probes worldwide. Enterprise View combines these discoveries anyway the user chooses and produces analytics-based summation of these discoveries or shows them individually.



Click to Select an Enterprise View below :-

- Japan Demo** (Probes plus Local)
  - Discovery MyNewSite03nov2020 2020-11-03 20:35:48 Local Server
  - Discovery EUR\_ITAL\_CORE 2021-01-10 21:48:53 Probe - JAPAN Probe
- England**
  - Discovery Austria\_VN 2021-01-15 22:09:20 Local Server
  - Discovery MyNewSite03nov2020 2021-07-06 12:48:22 Local Server
  - Discovery ManualExample 2021-08-16 10:19:24 Local Server



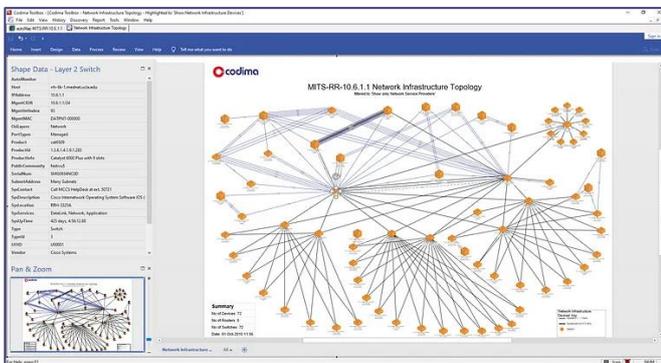
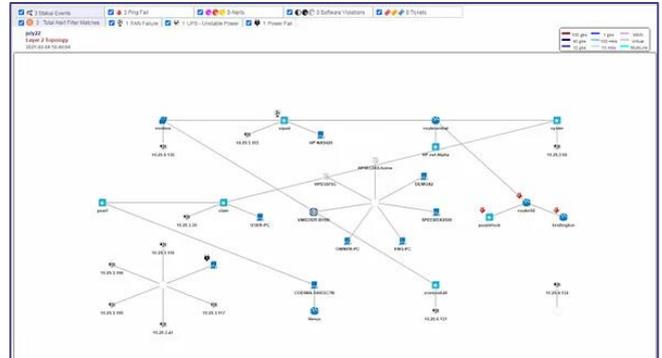
## Inventory ITIL

Codima Toolbox ITIL is a very powerful IT Asset Management tool adding details to a Network Discovery that can be used by Accounts, Engineers, Stock control and Network Support. The problem with many existing solutions is bureaucracy, and often need extensive training, by contrast Codima Toolbox is easy to use.

## Maps in Web

Topology Maps are created automatically following the completion of network discovery. The Web Network Map is drawn very quickly in the native browser graphics language SVG. The devices can be dragged around, and the connecting links follow in real time. The draw speed is milliseconds for medium size maps and a second or two for very large maps.

Thirteen different network map topologies are created automatically in conjunction with a Network Discovery for ease of use.



## Maps in Visio

Visio Network Maps use the Microsoft Standard documentation package Visio. It is used by many organisations as a standard presentation and documentation format. Visio is a very flexible drawing package and well suited to documenting simple or complex network topologies.

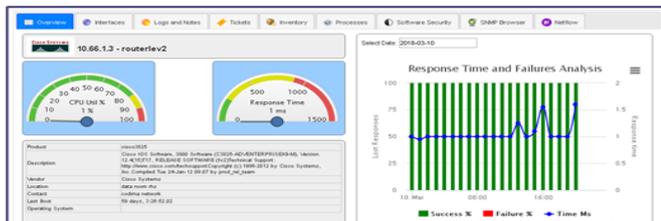
Thirteen different network map topologies can be created automatically in conjunction with a Network Discovery.

## Probes Architecture

Probes are used to extend the geographic reach of the Network Discovery. They can be viewed locally and also as part of Codima Toolbox Enterprise solution used to aggregate reporting.

The probes operate in parallel giving true performance scalability and consistent access speeds. There is no limit to the number of Probes deployed. Additionally, Live Maps can be viewed remotely.

Active	Icon	Color	Title	Address
<input checked="" type="checkbox"/>		Blue	13 NEW PROBE	192.168.1.94
<input checked="" type="checkbox"/>		Red	Demo Remote Two	192.168.1.243
<input checked="" type="checkbox"/>		Yellow	Remote Probe Network	192.168.1.212



## Monitoring

By clicking on a device in the Codima Toolbox Web Map a GUI appears showing typically Monitored Values such as SNMP and ICMP Ping response time and availability.

## Alert Ticketing

A from the ground up, Integrated system that pulls together Alerts from Codima Toolbox, Windows logs, Network Monitoring and External Alerts such as Syslog, and then Classifies and Presents them throughout the system including in Codima Toolbox Network Maps including Probes.

Type	Log	RecordID	Time Generated	Time Written	Event ID	Event Type	Source Name	Event Category	Log Type	Date and Time Period	Message	ComputerName
error	System	69502	20200211102400.000	20200211102400.000	322123373	1	Schedule	0	Log Type	2020-02-11	The A2 job command failed to start due to the following error: General access denied error.	CODIMA-198D1C79
warning	System	69504	20200211170332.000	20200211170332.000	2142467974	2	Topic	0	Log Type	2020-02-11	TCPIP has reached the security limit imposed on the number: CODIMA-198D1C79	CODIMA-198D1C79
error	System	69500	20200211191400.000	20200211191400.000	322123373	1	Schedule	0	Log Type	2020-02-11	The A1 job command failed to start due to the following error: General access denied error.	CODIMA-198D1C79
error	System	69500	20200211140000.000	20200211140000.000	322123373	1	Schedule	0	Log Type	2020-02-11	The A4 job command failed to start due to the following error: General access denied error.	CODIMA-198D1C79
error	System	69505	20200211010000.000	20200211010000.000	322123373	1	Schedule	0	Log Type	2020-02-11	The A1 job command failed to start due to the following error: General access denied error.	CODIMA-198D1C79

## Technical Data

### Network Discovery

- Support for up to 500,000 devices
- Multi Discovery solution
- Automated Discovery
- Collection methods include SNMP, WMI, WMS, CSP, EDP, Alcatel Interswitch Discovery Protocol, LLDP, SIP Queries, and NetBIOS.

### Inventory and Assets

- Hardware Inventory
- Software Inventory
- Customizable Web Reports
- Advanced filtering options
- Inventory analysis
- Exportable Graphs
- Historic inventory views

### Enterprise View

- World-wide network management
- Cross-network analysis

### Inventory ITIL

- ITIL configuration
- Custom Fields

### Web Maps

- Automatic map creation
- 13 Network topologies
- Historic map views
- Customizable map layout
- Comparisons to previous maps
- Device filtration
- Front panel view of Switches
- Visible VLAN configurations

### Visio Maps

- Full integration with Microsoft Visio
- 13 Network topologies
- Historic Visio Map documentation

### Monitoring

- Live alerts in Web Maps
- CPU utilization monitoring

### Alert Ticketing

- Windows log monitoring
- Custom Alert Filters
- Notifications via email
- Automate Ticketing system
- Setup Toolbox as a Syslog server
- Send Toolbox Alerts as Syslog
- Send Toolbox Alerts as SNMP traps

## System Requirements

- Windows Server 2003, 2008, 2012, 2016, 2019, 2022, Windows 7, 8, 10, 11
- For Visio functionality, one of the following Microsoft Visio versions need to be installed: Microsoft Visio 2013, 2016, 2019
- 4 core processor
- 8Gb 64-bit Memory

## Licensing

Product	Product ID	Currently Licensed
Network Inventory Toolbox	codinv	
Network Inventory with Maps in Wep and Visio Toolbox	codinvmm	
Network Inventory with Maps in Wep and Visio + Alert Ticketing Toolbox	codinvmma	Yes

For more information on Codima Toolbox Licensing, visit: <https://codimatech.com/en/pricing/>

## Contact Codima

To find a Codima sales office or reseller near you, visit: <https://codimatech.com/en/support/>

[www.codimatech.com](http://www.codimatech.com)

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