



 CODENOMICON

ABUSE SITUATIONAL **AWARENESS**

SCALABILITY THROUGH AUTOMATION

PROACTIVE SECURITY SOLUTIONS FOR NETWORKS
AND CRITICAL INFRASTRUCTURE

Abuse Situation Awareness

Codenomicon Abuse Situation Awareness Solutions empower customers to gain a better understanding of their networks and the threats facing them.

The fundamental challenge in gaining abuse situation awareness is the vast amount of information being collected, processed and reported.

The Codenomicon Abuse Situation Awareness Solutions utilize a network of bots to collect and process abuse information.

Like a network of security experts, the bots collect, clear-up and categorize abuse information. The results are then summarized as visualisations for easier analysis and decision-making. Automated, actionable reports are sent to stakeholders.

Abuse Helper

The Abuse Helper is a centralized system for collecting, processing and reporting openly available abuse and incident information on your networks.

> **EARLY WARNING SYSTEM:** Abuse feeds contain information about your network. Use this information to your benefit.

> **AUTOMATED, ACTIONABLE REPORTS:** Stakeholders automatically informed about incidents requiring action.

VSRoom

The VSRoom is a real-time visual monitoring solution for systems monitoring cyber incidents and critical infrastructure and assets.

> **OBSERVE THE STATUS OF CRITICAL ASSETS IN ONE GLANCE:** Make better informed decisions faster.

> **BROWSER-BASED VIEWS AND COLLABORATION:** Share real-time situational awareness with your partners and stakeholders.

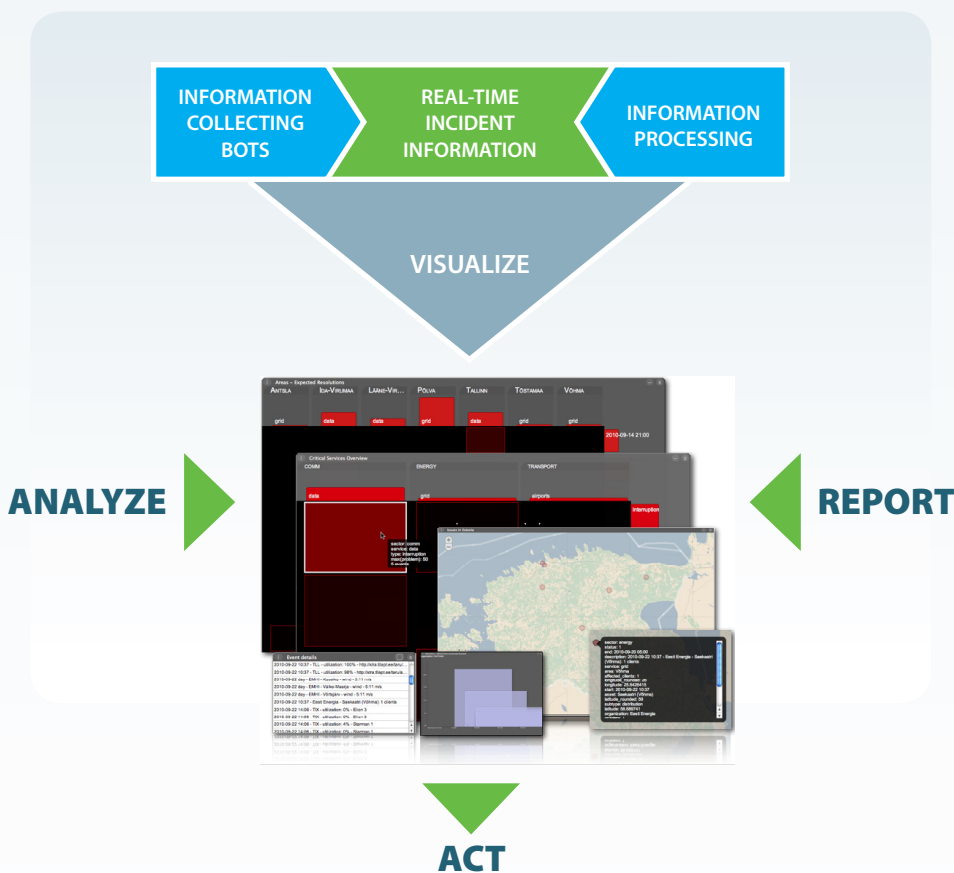
USERS: Estonian Government

Common Features

> **BOTNET INSPIRED ARCHITECTURE:** Easy to scale and integrate. Can collect information from diverse sources.

> **AUTOMATED ABUSE INFORMATION HANDLING:** Collect, process, report and visualize abuse information in large quantities using automated features.

> **DISCOVER INCIDENTS PROACTIVELY:** Gain time to react to internal and external threats which affect you and your customers.

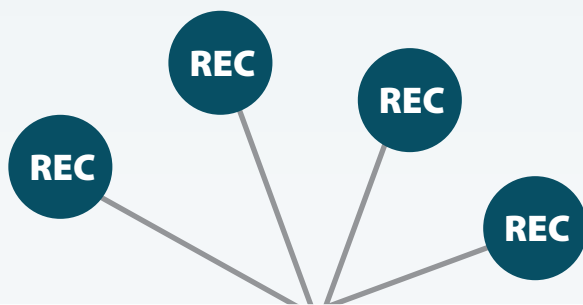


Understanding Networks

To know what type of abuse information is relevant for your network, you first need to understand your network better.

Networks nowadays are a mixture of applications and components from various suppliers; nobody has an overall picture of the tested system.

The Codenomicon Network Analyzer uses multiple recorders to capture the entire traffic within a network. It then automatically creates interactive visualizations. You drill up and down from high level visualizations to packet level data getting both a high level summary and a more detailed account of interesting events.



ANALYZER

A screenshot of the Codenomicon Network Analyzer software interface. The interface is divided into several panels. At the top, there are two panels showing network traffic data, including a bar chart and a list of events. Below these are two larger panels showing network visualizations: one with a network topology diagram and another with a globe showing network connections. A large, light blue circular arrow with the word 'ITERATION' written across it in white, loops around the central part of the interface, indicating a cycle of analysis and refinement. At the bottom left of the interface, the word 'VIEWS' is written in white.

Network Analyzer

The Network Analyzer is a software-based tool for traffic audit, documentation and analysis. Use the Network Analyzer to see what is really happening in your network.

> **DECREASE DOWNTIME:** Analyzer recordings provide quick access to troubleshooting information.

> **GAIN SITUATIONAL AWARENESS:** High-level visualizations and videos summarize the content of million of log entries .

> **CLARIFY COMPLEX SYSTEMS:** Discover undocumented software behavior, access violations, infected hosts, obsolete protocols etc. Get rid of redundant elements.

> **OPTIMIZE NETWORK TESTING AND SECURITY:** See what is really happening in your network and base your actions on facts rather than assumptions.

CUSTOMERS: Governmental institutions, critical infrastructure providers, research organizations.

Logster

The Logster provides a video summary of network events. It replays millions of web log entries recorded over extensive periods of time displaying them in earth view.

Professional Services

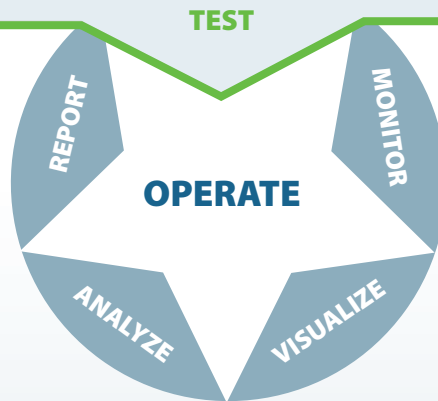
With our professional services, you can enjoy the full benefit of our testing tool and security expertise.

> **TURN-KEY SOLUTIONS:** We will do everything from mapping your monitoring system to planning the deployment and installing and configuring the system for you.

Codenomicon Solutions for Unknown Vulnerability Management (UVM)



BEFORE DEPLOYMENT: FIND AND FIX KNOWN AND UNKNOWN VULNERABILITIES.



DEPLOYED SYSTEMS: IDENTIFY, REPORT AND ADDRESS INCIDENTS AND INFECTIONS FASTER AND MORE EFFICIENTLY.



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