



SCADA Scan

Plug & Scan ICS/SCADA Network Assessment System

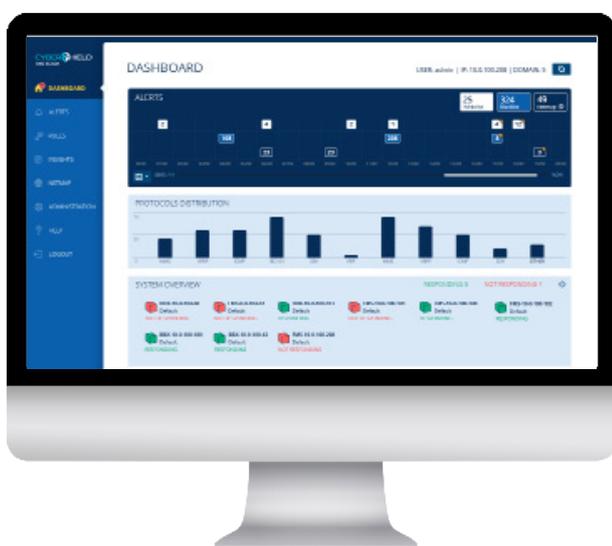
SCADA Scan is a portable ICS/SCADA network assessment system that conveniently plugs into a network switch, and within minutes of passive monitoring provides a comprehensive network mapping, vulnerability assessment, and a live, continuous traffic report for deep-packet monitoring and analysis.

1 Discover your entire ICS/SCADA Network and manage your assets

- SCADA Scan will automatically generate a comprehensive network topology chart which includes:
- All IT and OT network components connected to the scanner, and their attributes, including vendor, model, MAC address and IP addresses.
- Communication protocol analysis, which details the protocols being used between every two nodes in the network, whether these are SCADA protocols, non-SCADA protocols, or combined.
- IT/OT network touch points allowing to identify areas of risk.
- PPS rates (Packets Per Second)



Real-Time Network Topology Chart



SCADA Scan Dashboard

2 Understand your vulnerabilities

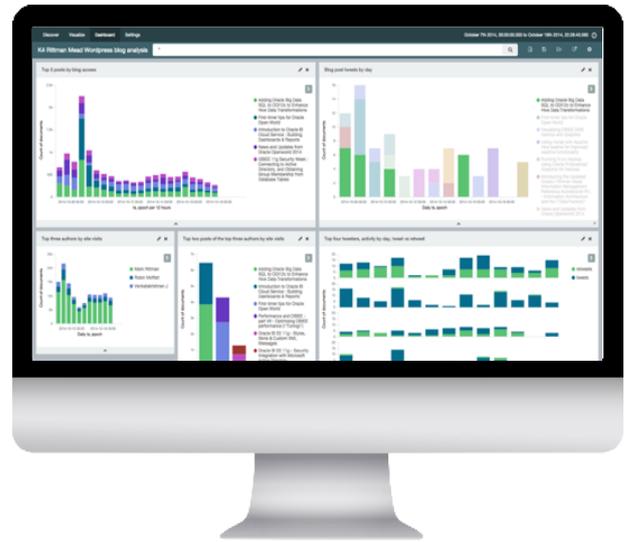
A detailed report will provide you with a list all CVEs (Common Vulnerabilities and Exposures) observed in your network, and their location. Based on the actionable report you may choose to fix or patch the vulnerability, or check whether they indicate malicious activity. To provide reliable vulnerability detection, SCADA Scan parses each packet and performs deep-packet inspection. Typical vulnerabilities may be: HMI sending a PLC Scan command; HMI sending a PLC shutdown command, or potential DDOS behavior.

Each alert will detail

- The vulnerability type and the potential risk
- The CVE number
- Network location

3 Real-Time Network Traffic Report

Network communication is continuously parsed and interpreted in real-time to show you the specific instructions being sent across your network, so you can verify whether your devices and controllers are performing as planned. Inspect your communication as deep as layer 7 to detect suspicious events, such as an unexpected link-up or link-down event. Save and export reports to analyze them in any system.



Real-Time Network Analytics

How It Works	
Plug	easily plug-in the SCADAScan Blackbox device to a mirror port in any of your network switches
Monitor	SCADAScan will begin passively monitoring your network
Discover	within minutes you will start receiving reports including network map, CVE assessment and more

SCADAScan Blackbox

Recommended network

Protocol	MAX PPS	RX MBPS	TX MBPS
MMS	500	23KB	1.60MB
CIP	500	70KB	8.9MB
Modbus	1,000	259KB	38MB



Plug and Scan Integration

Fully portable and takes minutes to set up



Upgrade to SCADASHield – Continuous Deep-Packet Inspection

SCADASHield is a full-scale deep-packet anomaly detection solution for ICS/SCADA networks, configured to detect cyber-attacks and operational anomalies in your network. SCADASHield is the only product providing full-stack IT to OT security solution detecting attacks that compromise IT to OT vulnerabilities.

ABOUT CYBERBIT™

CYBERBIT provides advanced cyber security solutions for high-risk, high-value enterprises, critical infrastructure, military and government organizations. The company's portfolio provides a complete product suite for detecting and mitigating attacks in the new, advanced threat landscape, and helps organizations address the related operational challenges. Cyberbit's portfolio includes advanced endpoint detection and response (EDR), SCADA network security and continuity, security incident response platform, and security team training and simulation. Cyberbit's products were chosen by highly targeted industrial organizations around the world to protect their networks.

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