



SOFTWARE CORP

EdgeSentry ES 100

A NETWORK APPLIANCE FOR SECURITY, COMPLIANCE, SUPERVISION

EdgeSentry is used in Security, Building Automation and Industrial networks. The ES100 learns the characteristics of the network, monitors the network and sends out notifications on changes in the network or devices in real time.



front



back

Why EdgeSentry?

- Know your network is working
- Reduce network downtime
- Automate service dispatch

EdgeSentry Detects:

- New-unauthorized devices
- Off network connections
- Use of unsafe/flagged network ports/protocols
- Devices going off line
- Changes in network topology
- Device tamper alerts
- Changes in device connection patterns
- Changes in packet quantities or volumes
- Unusual packet type
- UPS switch to battery power

EdgeSentry ES100 Features:

- Self learning
- Up to 500 network devices
- Email alerts sent on a wide range of conditions
- Quick installation
- Windows appliance
- No ongoing licensing costs
- Easy to use Client Software for Configuration and Monitoring
- Monitoring of UPS status

EdgeSentry ES100 Reports:

- Auto generated: Daily, Weekly, Monthly
- Alarm events
- Use of network ports
- Off network connections
- Tracked devices
- Baseline performance comparison

Easy To Install:

- Connects to network via Network TAP or SPAN port
- Self learns the network in about 24 hours
- Configuration consists of three simple steps



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Software:



Core software runs on the ES100 Appliance, collects network data and sends out alerts and reports.



ES100 Configuration Tool is client software that is used to configure the ES100 Core. The Configuration Tool is essential for set up and maintenance of the ES100.



ES100 Dashboard software is client software that is used to monitor recent and current alarms on the ES100 and to search the alarm database.

Hardware and OS Specifications:

- 250Gb Solid State Drive
- Quad-Core Intel i3-9100 3.60 Ghz, 6MB Cache
- 8 GB DDR RAM
- 2 Gb NIC Cards
- 4 Front USB 3.0 Ports
- 4 Rear USB 3.0 Ports Integrated Video (DisplayPort port)
- OS: Windows 10 Pro
- Hardware Warranty of 3 year

Power Specifications:

- 300 Watt Internal Power Supply

Dimensions:

- Depth: 15 3/8", 39 cm
- Width: 13" 33 cm
- Height: 3 7/8", 9.5c

Supported Network Protocols:

- IPv4 , IPv6 , ARP, LLDP, ICMP, IGMP

UPS Monitoring:

- RFC-1628 Standard
- Eaton
- Tripp Lite
- APC
- UPS must have appropriate network card installed

Dashboard Screen

The dashboard interface for Suite #103 - Site #1 (Site Number: 111) displays the following information:

- Devices:** 28 (IoT: 22, PC: 5, Server: 0); Not Authorized: 0; Not Categorized: 1; Tracked: 6
- Learn Status:** 100% (Operations: Learning, Reporting, Alarming, Receiving; AutoUpdate ON; Audible on New Alarm: On)
- Connections:** 225783 (IPv4: 225473, TCP: 217188, UDP: 0); Not Authorized: 2107 (Tracked Connections: 61783, Multicast: 7, Off LAN: 9004)
- Priority Alarms:** 200 Priority Alarm Events - Last 200 Open Alerts from the past 72 hours
- Connectivity Alarms:** 200 Connectivity Alarm Events - Last 200 Open Alerts from the past 72 hours

EventID	Alarm Type	Alarm Date-Time	Status	Alarm Detail
529988	Unauthorized Device - IPv4	11/12/2021 10:57:36 AM	Open	ES100 Device at:ES100 - Site#2 192.168.0.106 connected to IP: 192.168.0.226
529987	Unauthorized Device - IPv4	11/12/2021 10:57:36 AM	Open	HP Device at:Video Management System 192.168.0.112 connected to IP: 192.168.0.102
529986	Unauthorized Device - IPv4	11/12/2021 10:57:36 AM	Open	TP-Link Device at:Main Router 192.168.0.1 connected to IP: 192.168.0.102
529985	Unauthorized Device - IPv4	11/12/2021 10:57:36 AM	Open	ES100 Device at:ES100 - Site#2 192.168.0.106 connected to IP: 20.54.24.231
529984	Off Network Connection - Unknown Address	11/12/2021 10:57:36 AM	Open	ES100 Device at:ES100 - Site#2 192.168.0.106 with value: 20.54.24.231 in: Dublin, Dublin, Ireland
529972	Unauthorized Device - IPv4	11/12/2021 10:55:45 AM	Open	Device at: 192.168.0.101 connected to IP:
529980	Communications Failure - IoT	11/12/2021 10:57:00 AM	Open	Device at: 192.168.0.101 with value: Communications failure - no ping response
529979	Communications Failure - IoT	11/12/2021 10:57:00 AM	Open	Device at: 192.168.0.100 with value: Communications failure - no ping response
529978	Communications Failure - IoT	11/12/2021 10:57:00 AM	Open	ES100 Device at:ES100 - Site #3 192.168.0.110 with value: Communications failure - no ping response
529974	Communications Failure - IoT	11/12/2021 10:55:48 AM	Open	Device at: 192.168.0.101 with value: Communications failure - no ping

Contact us:

Email: sales@lmnsoftwarecorp.com

Web: lmnsoftwarecorp.com