

Description

Model **ECSM-1** is a server-based application that monitors events on Area of Rescue Assistance Systems and/or IP-based Blue Light Call Stations.

The **ECSM-1** application logs events through SNMP traps sent from an Analog AOR Event Supervisor (Model **AOR-EVT-SUP**) or directly from any VOIP-200, VOIP-220, VOIP-500, or VOIP-600 Series IP Call Station.

Features

- Real-time monitoring of events through a web-based dashboard
- Real-time alerting via email or SMS (through carrier gateway email address)
- Scheduled PDF reports that are workflow focused (e.g., security guards, system administrators, etc.)
- Available reporting API
- Monitors the following for analog AOR systems:
 - Activation of any AOR Station (does not identify individual station)
 - Opens/shorts on AOR Station cabling (does not identify individual station)
 - 24VDC input power failure
 - Low battery (low voltage detected) or battery has been disconnected
 - System ground fault
- Monitors the following for VOIP-200, VOIP-220, VOIP-500, and VOIP-600 IP Call Stations:
 - Call placed, connected, terminated, or failed
 - SIP registration
 - Power up
 - Network up/down (physical link)
 - Stuck button
 - Relay output activated or deactivated
 - Acoustic tone test for hands-free microphone/speaker

ECSM-1

Emergency Communication System Monitor

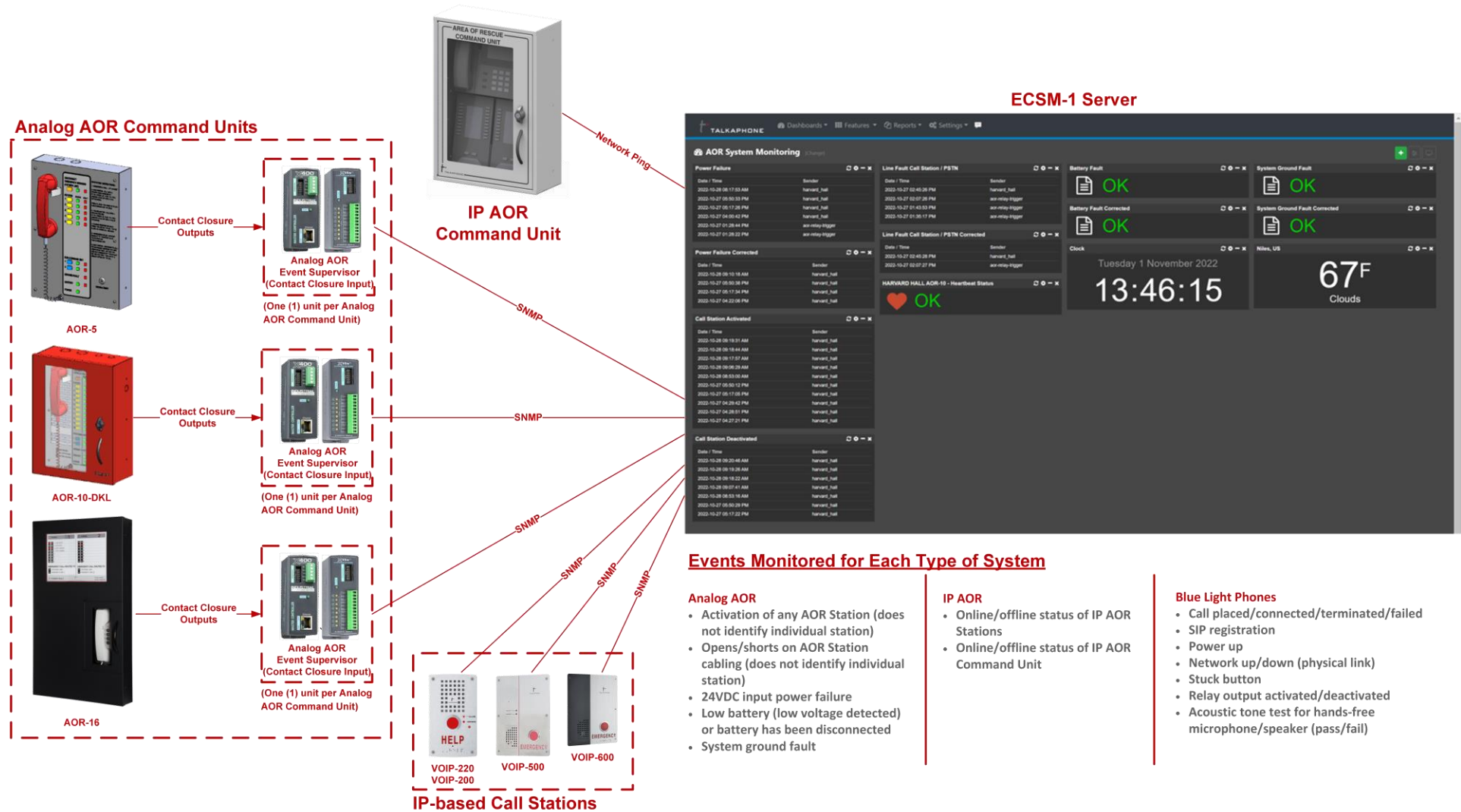
System Requirements

Operating System:	All editions of the following versions of Windows: Windows 10 Windows 11 Windows Server 2016 Windows Server 2019 Windows Server 2022
Processor:	Quad-core or greater
Memory (RAM):	System total of 16GB or greater

Options

Analog AOR Event Supervisor:	Order model AOR-EVT-SUP for an I/O controller that converts relay outputs into SNMP trap events—providing real-time monitoring and alerting when used in conjunction with ECSM-1 software. One (1) AOR-EVT-SUP required for each analog AOR Command Unit. Each AOR-EVT-SUP requires one (1) device license for the ECSM-1 software (sold separately).
Device Licenses:	One (1) device license is required per AOR-EVT-SUP, VOIP-200, VOIP-220, VOIP-500, and VOIP-600 device. Order model ECSM-DL-5 for 5-device licenses. Order model ECSM-DL-10 for 10-device licenses. Order model ECSM-DL-25 for 25-device licenses. Order model ECSM-DL-50 for 50-device licenses. Order model ECSM-DL-100 for 100-device licenses. Order model ECSM-DL-250 for 250-device licenses. Order model ECSM-DL-500 for 500-device licenses. Order model ECSM-DL-1000 for 1,000-device licenses.
Maintenance/Support:	Software maintenance and technical support for Year 2 onward in 1-year increments. Year 1 is included with ECSM-1 software. Order model ECSM-SW-MAINT-5 for up to (5) devices. Order model ECSM-SW-MAINT-10 for up to (10) devices. Order model ECSM-SW-MAINT-25 for up to (25) devices. Order model ECSM-SW-MAINT-50 for up to (50) devices. Order model ECSM-SW-MAINT-100 for up to (100) devices. Order model ECSM-SW-MAINT-250 for up to (250) devices. Order model ECSM-SW-MAINT-500 for up to (500) devices. Order model ECSM-SW-MAINT-1000 for up to (1,000) devices.

System Architecture



Events Monitored for Each Type of System

Analog AOR

- Activation of any AOR Station (does not identify individual station)
- Opens/shorts on AOR Station cabling (does not identify individual station)
- 24VDC input power failure
- Low battery (low voltage detected) or battery has been disconnected
- System ground fault

IP AOR

- Online/offline status of IP AOR Stations
- Online/offline status of IP AOR Command Unit

Blue Light Phones

- Call placed/connected/terminated/failed
- SIP registration
- Power up
- Network up/down (physical link)
- Stuck button
- Relay output activated/deactivated
- Acoustic tone test for hands-free microphone/speaker (pass/fail)