SOC Automation Suite

Physical Security teams work round the clock identifying, analyzing and mitigating threats facing their organizations. The job is even more difficult when teams are burdened with hundreds or thousands of point products[1] and independent static security configurations with no orchestration between them. False alarms, nuisance alarms, and maintaining system and device health can overwhelm staff, distracting them from more important tasks. Many organizations do not have enough security personnel to thoroughly review the volume of daily security alarms/requests generated by these disconnected systems, and the result is often a growing security backlog.

Vector Flow SOC Automation Suite ties together all physical security processes and automates many time-consuming tasks to reduce costs, increase business value, and maintain compliance with measurable standards. Cyber Security leaders are also recognizing that their organization's cybersecurity posture is only as good as the limitations of their physical security. Thus, failing to leverage available security automation to reduce the burden on security operators is both costly and risky in the physical and cyber worlds.

Vector Flow SOC Automation Suite drives actionable intelligence from your physical security historical and daily data to improve device maintenance and system health, reduce nuisance and false alarms, strengthen your defenses, reduce your cost, and reduce your risk exposure. With false alarms greatly reduced, your trained SOC staff are immediately able to decrease response times, help with (post-COVID) return to work projects, and improve customer service to your organization. In this era of COVID, and beyond, this is invaluable!

The suite acts as your security nerve center, turning raw data into insights and actions. It optimizes your physical security device settings, highlighting devices that need attention or repair and stopping them from creating distracting false alarms. And, it monitors key performance indicators (Governance) in real time to help improve the performance of your team. It's the only solution available today that uses a market-proven, scalable, data-driven and AI-powered physical security automation platform.

Vector Flow Platform

The Vector Flow AI-Enabled Physical Security Automation Platform leverages Artificial Intelligence and Machine Learning (AI/ML) deep learning algorithms to process and evaluate the enormous data sets generated by all of an enterprise's security systems. By employing Apache Kafka® technology, the system is able to process 50,000 security events per hour – reducing or eliminating many system tasks that distract operators from events that need their attention. For example, the Vector Flow Platform can address risk assessment, false alarm reduction, device optimization, automated operating procedures, system health monitoring, device failure prediction, insider threat detection, and audit & compliance.

[1] Door devices, Cameras, Intrusion/motion sensors, PACS, CCTV/Video Mgmt Systems, Case/Incident Mgmt, Guarding, Ticketing, etc

Primary modules include:

1. SOC Alarm Reduction
2. SOC System Health & PdM
3. SOC Operation Governance
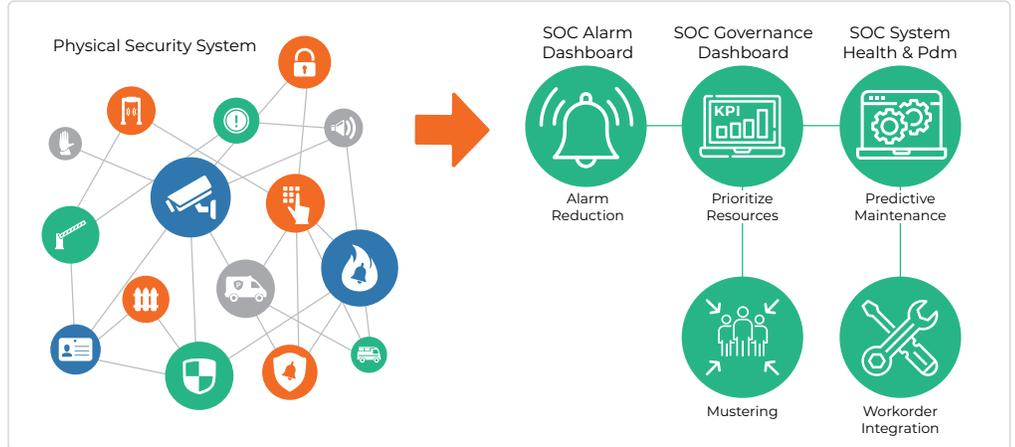
Key Benefits of SOC Alarm Reduction

- Nuisance and false alarm reduction rates 80% or higher allow SOC operators to focus on more important tasks. Thousands of devices automatically monitored & optimized, eliminating manual tasks such as updating settings and unnecessary guard dispatch, while automatically notifying maintenance of devices needing repair

- Security issues/alarms reducing their MTTA

- FTE Gained (within months of deployment) – saved by eliminating alarms and automating tasks

- With time saved, scale-up SOC services during & post-COVID
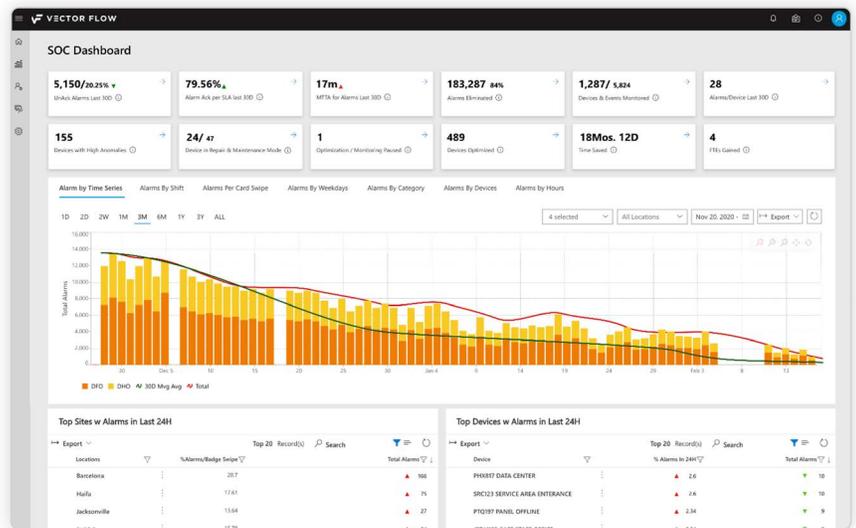
Key Benefits of SOC System Health & Predictive Maintenance

- Improve overall security system effectiveness by reducing disruptions and risks from faulty or mismanaged devices

- Minimize maintenance and emergency repair costs - drive efficiencies and reduce downtime with insights that inform repairs

- Empower Security Teams and System providers with data science, helping them predict failures early and implement corrective actions

Key Benefits of SOC Operation Governance

- Effective SOC Operator & Officer performance tracking and resource planning

- Governance measure real-time performance of SOC and Team members, including unacknowledged alarms, mean-time-to-acknowledge (MTTA) alarms, mean-time-to-respond (MTTR), Critical Alarms by site, and more

- SOC Key Performance Indicators (Governance) help determine the effectiveness of security operations and identify the crucial gaps/opportunity for improvement

With the Vector Flow solution, bring value and demonstrate ROI at a considerably faster and more effective rate. Easily connect your existing physical security systems and tools and automate all your security processes, without writing a single line of code. Save time and money, all while increasing productivity, efficiency, and accuracy of your SOC Operations.

Learn more at vectorflow.com