

# VIKOO

## AIRPORTS & TRANSPORTATION

For operators of airports and transportation facilities, physical security is one of their toughest challenges. Public safety, the integrity of vessels and goods, community economic impact, and even environmental stewardship are reasons why video surveillance and access control must always be working as they should. Moreover, few places are in the public eye the way that airports and transportation infrastructure is.

### Unique Needs of Transportation Security

Physical security at airports, railways, ports, and other transportation hub has specialized needs that are best addressed with automation:

- Mix of workers, contractors, and general public to protect
- Sharing of security information with a wide variety of agencies
- Immediate need to communicate physical security status when there are security situations
- Large physical distances
- Importance of perimeter security
- Use of advanced video analytics
- Specialized areas with unique security and reporting requirements
- Large number of IoT devices to manage



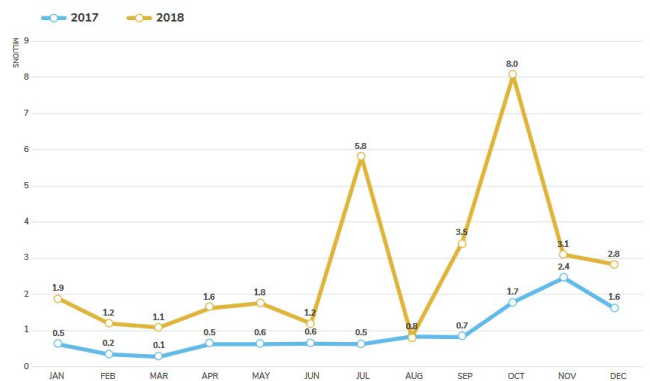
### Why Transportation Security Can Fail

Despite the best of efforts, physical security systems can fail for a number of reasons. Many of these problems can be prevented by a combination of service assurance technology, automation, training, and best practices.

- IP-based security systems are complex, and rely on multiple devices working as a team
- Relying on “self-test” health checks can lead to false sense of security working
- Finding security system failures is done by humans manually
- Cyber-hygiene of security systems is difficult and manual
- Lack of accurate inventory, location, and criticality of physical security devices
- Limited budgets for ongoing maintenance and improvements



IoT ATTACK VOLUME | YEAR-OVER-YEAR COMPARISON



Source: SonicWall, 2019 Cyber Threat Report

## Taking Steps for Better Security

Airports and other transportation facilities that Viakoo supports have reported the following as key steps that have helped to improve their physical security:

- Using a combination of modalities (video surveillance, access control, perimeter security, intrusion detection, guard services, and others)
- Visibility into individual systems through a single dashboard, as opposed to juggling multiple consoles
- Automated methods for preventative maintenance
- Ability to quickly share alerts and tickets with team members from multiple organizations
- Ongoing tracking and reporting of key performance indicators

### How Viakoo Works

Viakoo is a Service Assurance solution for physical security that, unlike traditional IT monitoring tools, provides automated verification that the goals of the physical security applications are achieved. Viakoo continuously analyzes system metadata to determine that video evidence is captured and stored for the required Retention Period to achieve compliance, and that Access Control panels are always capable of authenticating and authorizing proper access. With Viakoo, automated Alerts and Fix-it recommendations are provided to quickly resolve issues when degradations or failures occur.



### How Viakoo Helps Airports

Viakoo is a proven way to automatically verify physical security system operations and performance. Here's specifically how our products help you:

**Viakoo Predictive:** provides automated service assurance, metrics for uptime, video path, and retention compliance, inventory reporting, default password checking, and ticketing workflow. All accessible via dashboard and mobile applications.

**Viakoo Camera Firmware Update Manager (CFUM):** CFUM automates upgrading camera firmware across your entire operation, and provides a compliance view of which cameras are not on the proper firmware version.

**Viakoo IoT Tracker:** IoT Tracker provides visibility in the Viakoo dashboard for all IP-connected devices in your physical security system, in addition to the video surveillance and access control systems and devices.

