

# INTRUDER DETECTION

## EXISTING SOLUTIONS FALL SHORT

### MOTION SENSORS

Motion sensors are inexpensive and easy to install, but are triggered by anything, including wind and animals, and don't provide images, requiring on-site cameras or guards.

### VIDEO MONITORING

Installing video cameras speeds human validation of possible intruder threats, but requires significant manpower to operate, even with the use of motion detection.

### IR SENSORS

Infrared systems can effectively detect people and differentiate them from animals, but are costly and require specialized hardware.

## PROBLEM

Existing intruder detection systems don't work: Simple systems suffer from rampant false positives because they incorrectly identify wind or animals as people, and advanced facial recognition systems are costly, inefficient, and create significant privacy and compliance challenges.

## SOLUTION

Artificial intelligence-based intruder detection can effectively monitor spaces for people where they're not supposed to be, surfacing detections to security staff. Actuate sends a real-time alert with video of the intruder to your mobile device or VMS and effectively protects facilities by detecting intruders using existing security cameras, eliminating the need for new hardware. Because it's based on the latest deep learning AI technology, false positives are eliminated.

## USE CASES

### INDUSTRIALS

Theft, vandalism, and threats of terrorism are key threats to industrial facilities and utilities. AI-based intruder detection can alert security staff when an intruder is present at an unmanned facility or after hours, enabling instant responses.

### REAL ESTATE

Extensive real estate holdings can be difficult to monitor. AI-based intruder detection ensures that teams know where people are at all times and can respond instantly in case of unauthorized entry.

### RETAIL

Retail establishments are rarely staffed after hours, but valuable merchandise can still be vulnerable to theft and vandalism. Intruder detection enables efficient, centralized monitoring of stores, preventing loss outside of business hours.