

# Automated threat detection and alerting

This workflow automatically detects security threats using AI-powered video analytics and surveillance systems, then immediately alerts security personnel and initiates appropriate response protocols to minimize risk exposure.

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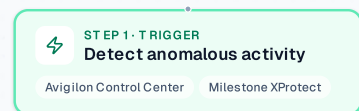


## WORKFLOW TRIGGER

Security camera or sensor detects anomalous activity or potential threat

## Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.





## Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

### Detect anomalous activity

AI-powered video analytics identifies suspicious behavior, unauthorized access, or security breaches through connected surveillance cameras. The

system analyzes movement patterns, facial recognition mismatches, and unusual object detection.

Avigilon Control Center

Milestone XProtect

2

 ACTION

## Analyze threat severity

The system processes the detected anomaly through threat assessment algorithms to determine risk level and categorize the type of security incident. Historical data and current context are evaluated to assign priority levels.

Genetec Security Center

Bosch Video Management System

3

 DECISION

## Evaluate threat classification

The workflow branches based on threat severity - high-priority threats trigger immediate emergency response while medium/low threats follow standard alert procedures. Critical incidents involving weapons or violence get escalated instantly.

Avigilon Control Center

4

 ACTION

## Execute security protocols

Automated security measures are activated including locking down access points, activating additional cameras, and positioning security personnel. The system coordinates with access control systems to secure the facility.

AMAG Symmetry

Lenel OnGuard

5

### Dispatch security alerts

Real-time notifications are sent to security staff, law enforcement, and facility management with threat details, location, and live video feeds. Mobile alerts include GPS coordinates and response instructions.

Genetec Security Center

Milestone XProtect

6

OUT PUT

### Generate incident documentation

The system automatically creates detailed incident reports with timestamps, video evidence, response actions taken, and compliance documentation for review and audit purposes.

Genetec Security Center

Bosch Video Management System



### Outputs

- Real-time security alerts to personnel
- Automated facility lockdown activation
- Comprehensive incident reports with video evidence



## Key Metrics

- Threat detection accuracy rate
- Average response time to incidents
- False positive alert percentage



## Tools & Integrations

- Avigilon Control Center
- Milestone XProtect
- Genetec Security Center
- Bosch Video Management System
- AMAG Symmetry
- Lenel OnGuard

## AI Business OS

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