# Alarm Centers
## Use Case

Alarm centers, also known as central monitoring stations, are critical facilities that receive and respond to security alerts from various client locations. Their primary role involves monitoring security systems, and taking appropriate actions like dispatching emergency services or notifying clients. Traditional systems often struggle with high false alarm rates, leading to operator fatigue and delayed responses, which can compromise security effectiveness.
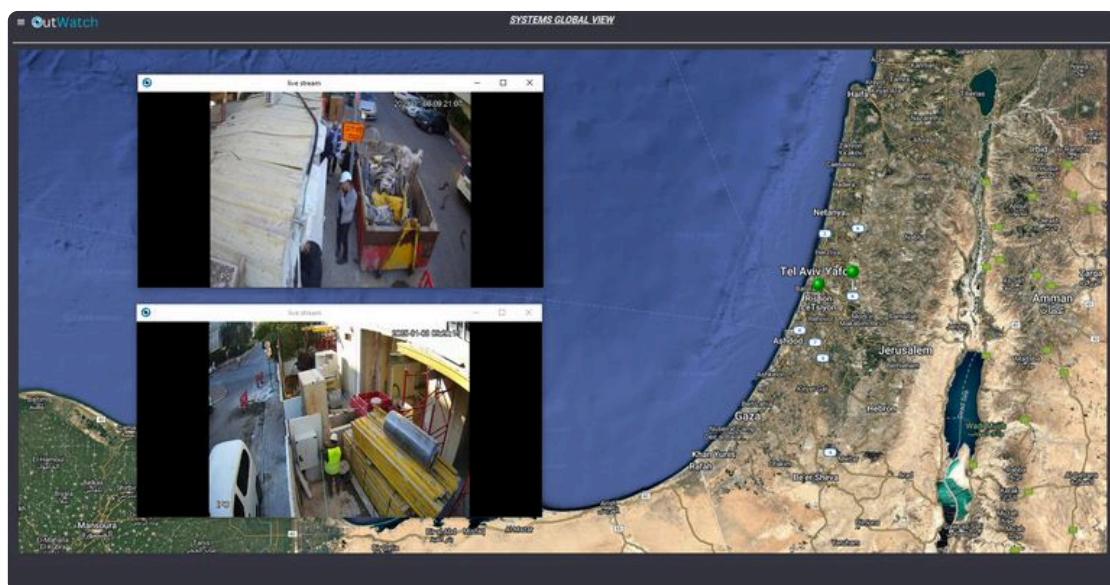
OutWatch for Desktop, designed specifically for small to medium alarm centers, offers a solution to these challenges. It builds on the existing OutWatch system with additional capabilities, focusing on enhancing monitoring and management through advanced features.

## Solution

OutWatch provides an effective solution through its AI-based alarm monitoring system. By integrating with any existing camera or NVR, OutWatch implements an AI vision analytics model that processes alarm images to:
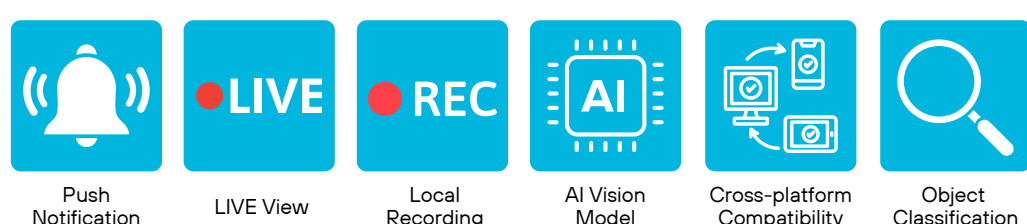
- ✅ Identify and classify potential threats with **98% accuracy**
- ✅ Distinguish genuine alerts from false triggers
- ✅ Reduce false alarms by approximately **95%**
- ✅ Watch live video stream from remote IP cameras
- ✅ Local recording of live video from remote IP cameras

Only when a verified threat is detected, OutWatch sends real-time notifications, to allow accurate and prompt response.



*View live video stream and record localy*

Integrating OutWatch for Desktop into alarm center operations offers a transformative approach to security monitoring, addressing key pain points like false alarms, response delays and cost savings. Its advanced features, such as object classification and universal compatibility, provide flexibility to alarm centers that control different types of camera systems.

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| Push Notification | LIVE View | Local Recording | AI Vision Model | Cross-platform Compatibility | Object Classification |

## How It Works?

**①  Camera Detection** - Cameras with motion detection/analytics send alarms to OutWatch server.

**②  OutWatch Analysis** - Alarm images are processed through proprietary AI Vision analytics model and system identifies and classifies potential threats.

**③  Smart Notification** - Push notifications sent immediately to. Only verified threats of interest trigger alerts.

**④  View & Recored** - User can start viewing live video feed from the camera to anlayse the alert and record the stream automatically as a evidence.

*"The cost of security measures is a small price to pay compared to the potential losses from theft, vandalism, or accidents due to inadequate security."*

## Features

### Reduced False Alarms
The AI analytics model, with its 95% false alarm reduction rate, minimizes the number of unnecessary alerts, significantly reducing operator workload.

### Improved Response Time
Real-time alerts and live video streaming enable operators to assess and respond to threats quickly, enhancing security for clients.

### Enhanced Security
Comprehensive monitoring, including local recording for evidence and compliance, ensures better coverage and documentation, supporting investigations and legal requirements.

### Cost Efficiency
By reducing the need for manual verification of false alarms, OutWatch lowers operational costs, potentially allowing alarm centers to serve more clients efficiently.

### Customizability
The ability to tailor detection parameters to specific client needs, such as focusing on vehicle detection, adds flexibility and relevance.