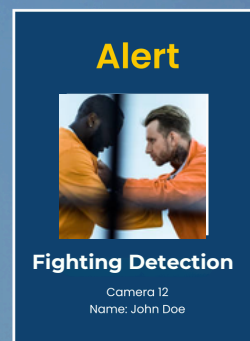


Real-time Threat Detection for Correctional Facilities

Protecting Guards, Inmates, and Staff with Action Detection and Alerting



Strained infrastructure and personnel resources increase threats.

Faced with challenging situations such as escape attempts, contraband, fighting, gang activity, and attacks against staff, correctional facility operators must do more to prevent incidents in real time.

Overcrowding strains already limited personnel resources and use-of-force incidents continue to rise, indicating escalating violence and safety issues in correctional facilities.

More can and should be done and Oosto can help. Oosto's action detection and alerting technology leverages existing video surveillance cameras and serves as a force multiplier to help prevent incidents in real time.

Vision AI for Good in Correctional Facilities

Oosto's Vision AI-powered technology provides correctional facilities with a proactive approach to enhance security and safety. Whether preventing major security incidents or managing daily safety operations, visibility is crucial. Rapid response depends on real-time, trusted information.



Unmatched Security Capabilities of Oosto's Vision AI

Real-Time Video Analysis

Instantly monitor and get alerts to ongoing situations with live video feeds and alerting in the perimeter of facilities, as well as throughout key areas such as visiting and recreational areas, restricted areas, and living quarters.

Action Detection

Identify and respond to risky behaviors, including: Fighting, Falling, Running, Loitering, Line-crossing, and more.

High Accuracy in Challenging Conditions

Oosto is designed for accuracy even in crowded environments, low-light areas, or when individuals wear facial coverings or disguises.



Corrections Use Cases in Action



Area Intrusion and Loitering

Apply rules to detect persons in banned areas, easily draw restricted areas in a camera field of view to get alerts on actions within that area. Ensure that an area is being actively patrolled in compliance with policies. Detect behaviors such as loitering to potentially prevent attacks, escape attempts, or contraband exchange.



Action Detection & Prevention

Detect dangerous behaviors such as falling, fighting, or lying down in unauthorized spaces. Get real-time alerts to help security teams respond quickly to prevent accidents or incidents related to prolonged crouching in an area/corner and running away from an area.



Quadrant Control

Create enforceable digital barriers without erecting permanent structures. Detect unusual behavior or patterns in areas. Track action duration and frequency to identify vulnerabilities in security protocols.



Oosto Key Functionality for Vision AI in Corrections

In-the-Wild Performance

Prevent alarm fatigue, by ensuring low false positives and high accuracy even in crowded areas.

Ease and Adaptability

Rapidly deploy, plus performs in low light, poor picture quality, and highly crowded environments.

Real-time and Forensic

Provides instant alerting, live tracking of subjects across cameras, and allows historical search.

Uses existing hardware

Requires no change of camera infrastructure to perform. Operates well in mixed-camera environments.

Body & Behavior Alerting

Detects attribute combinations for more granular, custom rule-setting to match detection and duration needs.

Scalability & Deployment

Supports multi-site, high volume usage on-premise, at-the-edge, and in the cloud.