



# AI-Driven Video Analytics for Proactive Security, Compliance & Operations

FOR FACILITIES MANAGEMENT



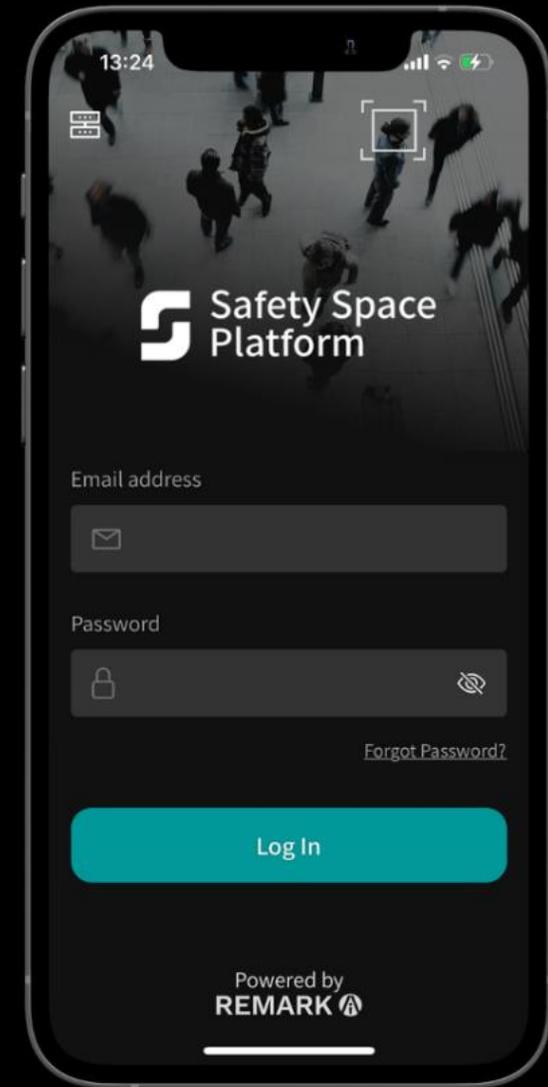
## WHO WE ARE

Leaders in video analytics with award-winning AI models. Our sector-experienced team has developed GDPR and CCPA-compliant solutions for government & public sector, hospitality, public safety, retail, and transportation.

Headquartered in Las Vegas with a global presence and R&D in London, UK.

# Smart Safety Platform

DETECT, TRACK, ALERT, AND MONITOR EVERYDAY  
OPERATIONS AT SCALE & SPEED FOR INCREASED SAFETY



# Optimized Safety and Security Solutions for Every Role in Facilities Management

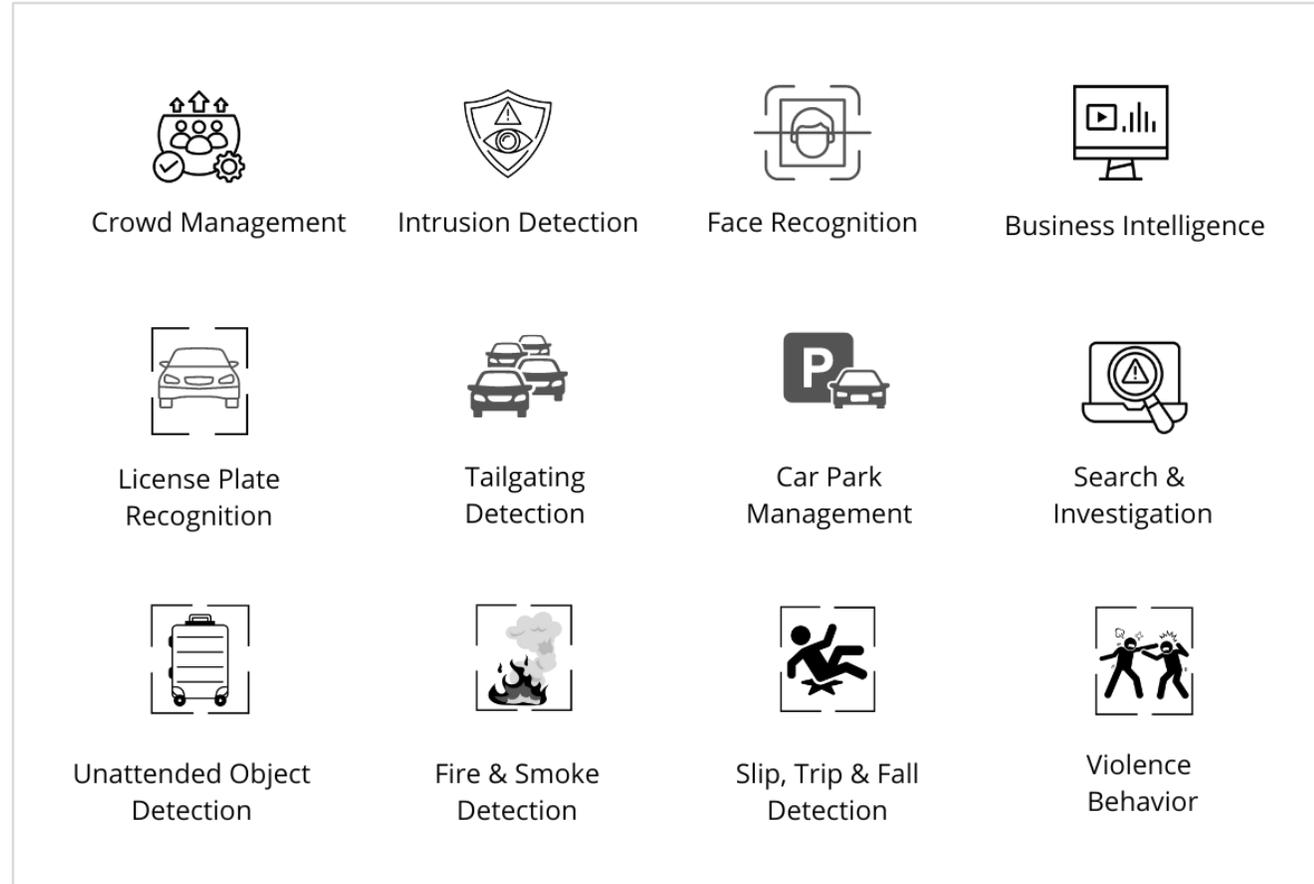
Safety Managers	Operation Managers	Compliance and Regulations
<p>Challenges: Traditional facility management often relies on manual monitoring, leading to missed incidents, slow response times.</p> <p>Solution: Leverage real-time monitoring, hazard detection, and actionable insights to boost safety compliance, accelerate incident response, and create a safer work environment.</p>	<p>Challenges: Manual surveillance and monitoring is low-efficiency, facing difficulty in scaling their monitoring systems across multiple sites.</p> <p>Solution: Enhance security, streamline efficiency, gain valuable data-driven insights, and ensure a safer, more compliant, and cost-effective operation.</p>	<p>Facilities in sensitive sectors (museums, airports, law enforcement) must comply with strict regulations for security and data protection.</p> <p>Solution: AI analytics can ensure compliance by automatically monitoring and generating reports, helping facility managers meet safety and privacy standards without manual intervention.</p>

# Capabilities and Functions

Enhance revenue, optimize operations, and strengthen security using AI-powered video analytics. Seamlessly integrate with your current infrastructure and receive real-time event alerts to improve facility management efficiency.

## Other Capabilities and functions:

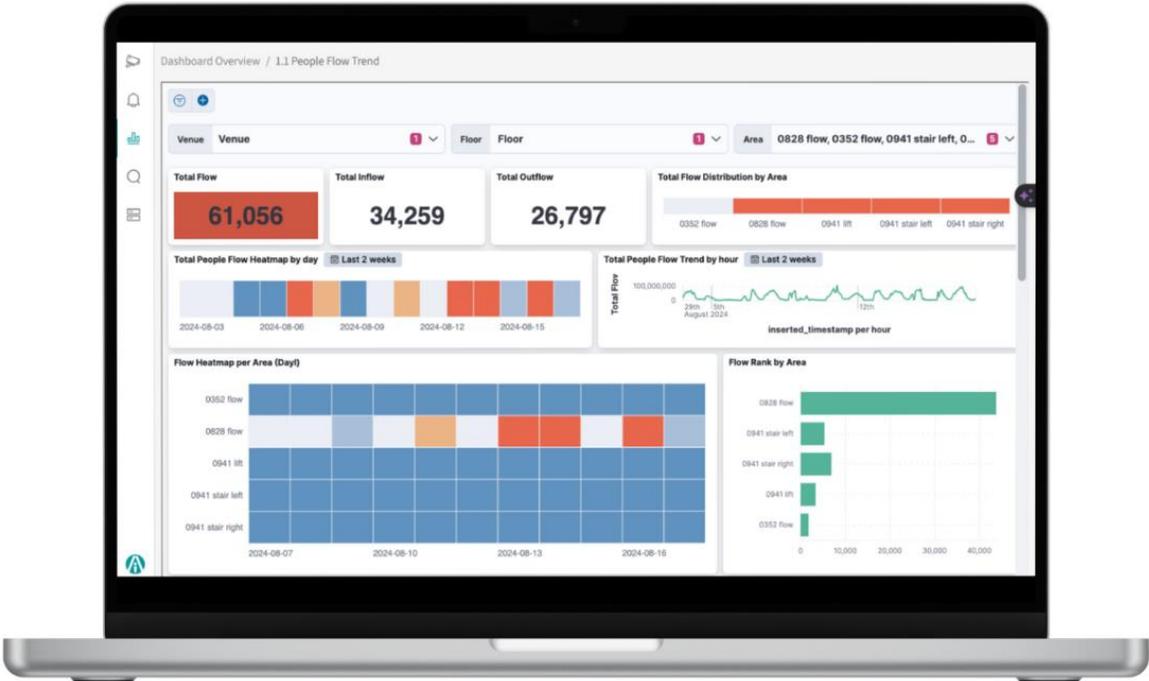
- Video Search (face, object, pedestrian, vehicle)
- Real-Time Event Alerts Via E-mail or SMS
- Comprehensive Reporting



# Smart Safety Platform (SSP)

## Features Include:

- Live Feed Monitoring
- Secure Video Storage
- Playback and Review Functionality
- Multi-Factor Authentication for Enhanced Security
- Edge Box Integration with Advanced Access Control
- AI-Driven Video Analytics
- Web-Based Application for Universal Access
- Mobile Apps for iOS and Android
- Kubernetes for Scalability and Deployment



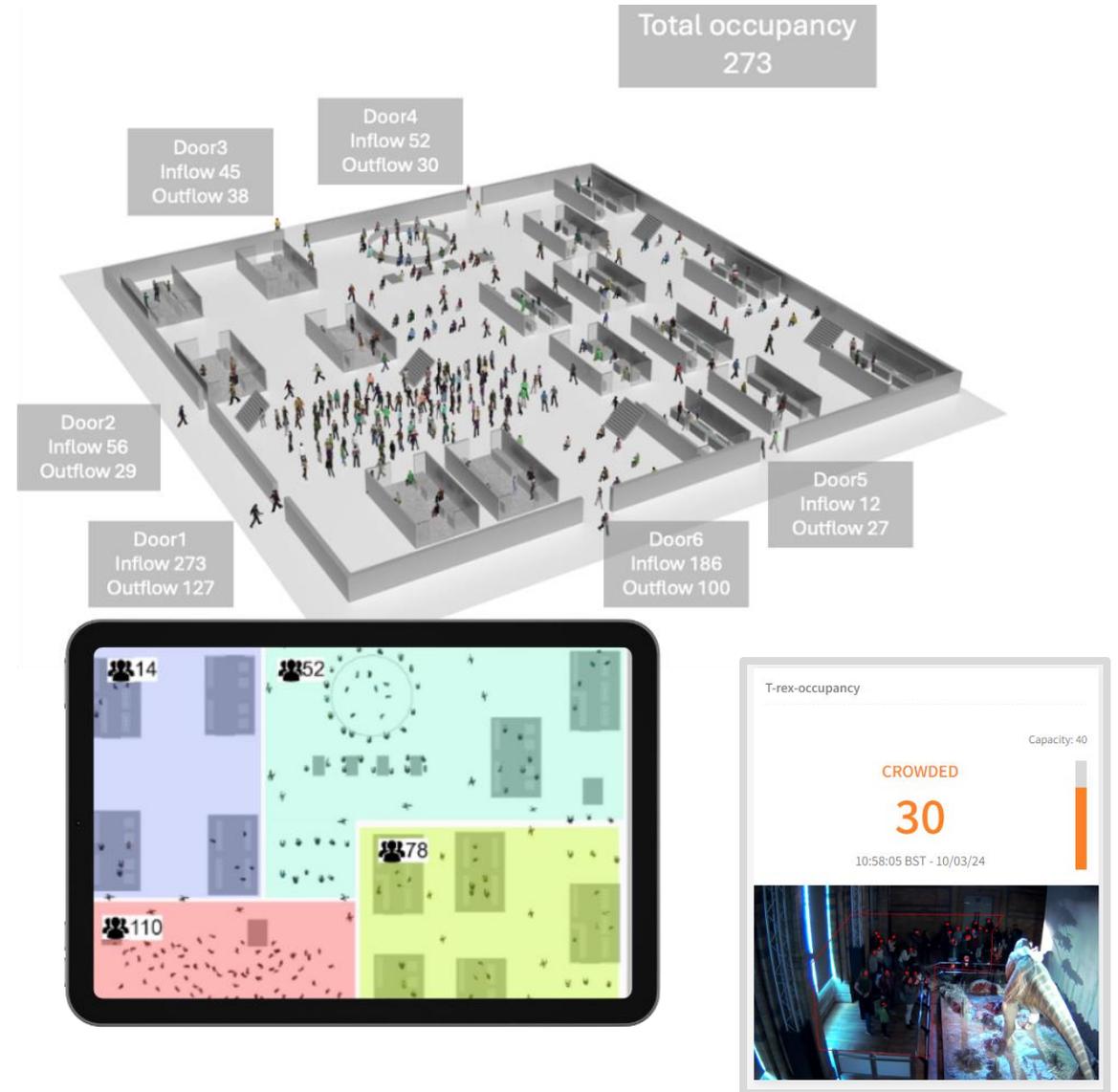
Features  
include

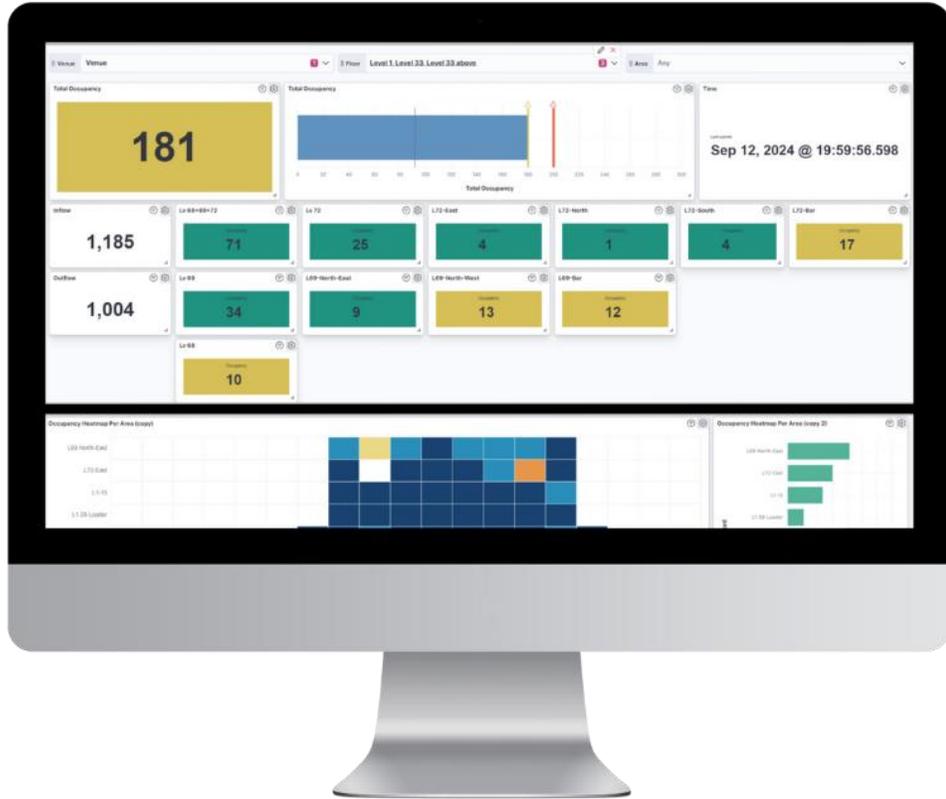


# Occupancy Management

Monitor and manage crowds in real-time to enhance safety and minimize operational disruptions:

- Occupancy Levels
- Inflow and outflow traffic
- Customizable capacity thresholds
- Instant notifications sent via email or SMS
- Real-time occupancy tracking with event alerts
- Monitor multiple areas or aggregation
- Customized dashboard with various visualization





## Visualisation Dashboard

Delivers actionable insights for proactive management with:

- People counting
- Heatmaps with traffic flow analysis
- Historical data and trend analysis
- Automated detection of unusual activities or behaviors

# Customized Dashboard

Smart Safety Platform

Dashboard Overview / Historical Daily Count

Dec 14, 2024 @ 07:00:00.000 → Dec 14, 2024 @ 20:00:00.000 [Refresh](#)

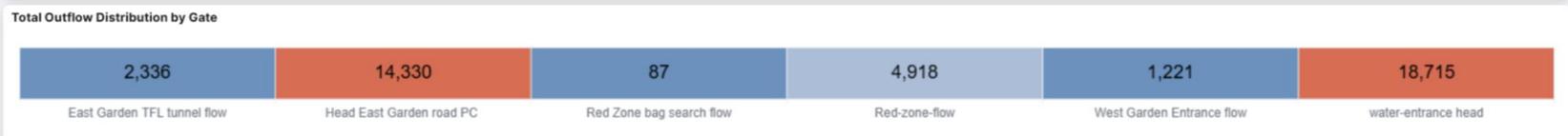
Venue Venue 1 Floor Floor 1 Area Any

AREAS: WATER ENTRANCE + RED ZONE + RED ZONE BAG SEARCH + WEST GARDEN + EAST GARDEN TFL + EAST GARDEN RD



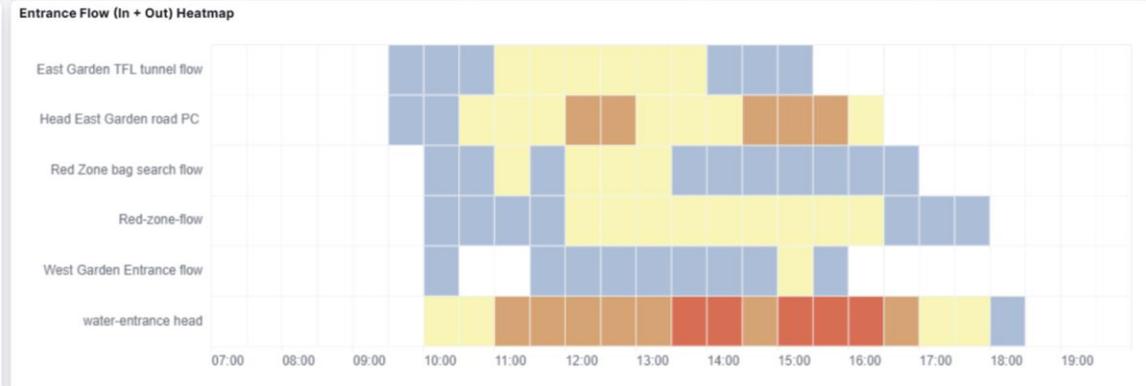
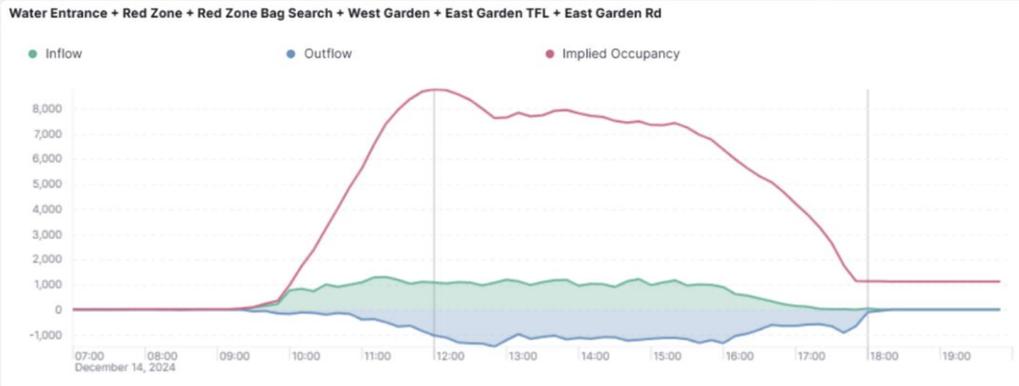
**Total Inflow**  
**42,749**

**Total Outflow**  
**41,607**



**Latest Count**

Bird Zone	T-rex	Red zone Stair	Red zone Bag Search	Water entrance	West Garden	East Tower	East Garden Rd	East TFL
0	0	0	0	0	0	0	0	0



# Unattended Suitcase or Bag Detection Alert

AI-powered analytics to detect unattended objects like suitcases or bags in real time.

- **Enhanced Security:** Early detection of potential threats or abandoned items in high-traffic areas.
- **Real-Time Alerts:** Instant notifications to security personnel, ensuring timely response and intervention.
- **Automated Monitoring:** Continuous scanning of areas without the need for manual oversight, reducing human error.

**Object**



Object Size 23,895 Pixels  
Confidence 79%

**Handler**

Type Pedestrian



Before Alert: 22:34:59 CET, 03/24/24



Smartvideo: Off

After Alert (3 seconds later): 22:35:02 CET, 03/24/24



**Event Alert**

Unattended Object

**Location**

Time / Date  
22:35:02 CET, 03/24/24

Venue  
Madrid

Floor  
Platforms Atocha 1-2

Function Area  
sur210

Device Name / Type  
F210AN / Common Camera

**Action Buttons**

[Share](#)

# Falling Down Detection Alert

AI-powered analytics to detect unattended objects like suitcases or bags in real time.

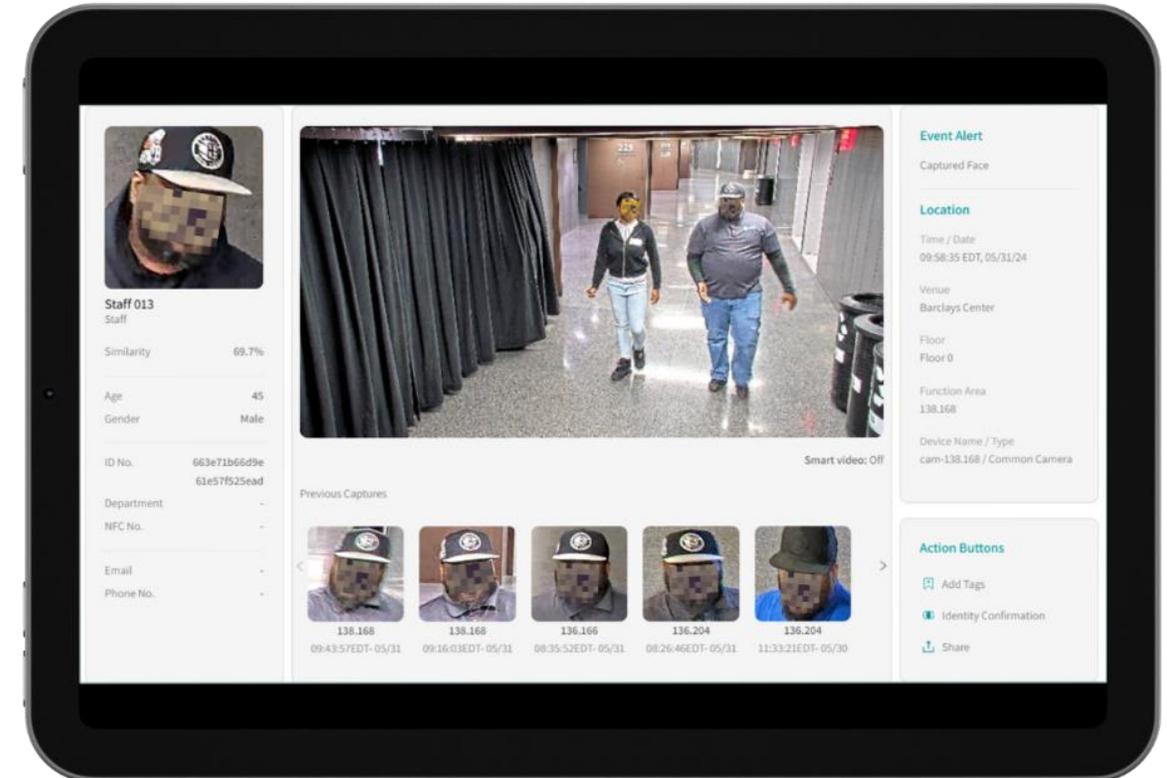
- Alert accidental falling down, the drunks falling down on the street, homeless laying on the ground or sleeping in the facility.
- Real-Time Alerts: Instant notifications to security personnel, ensuring timely response and intervention.
- Automated Monitoring: Continuous scanning of areas without the need for manual oversight, reducing human error.

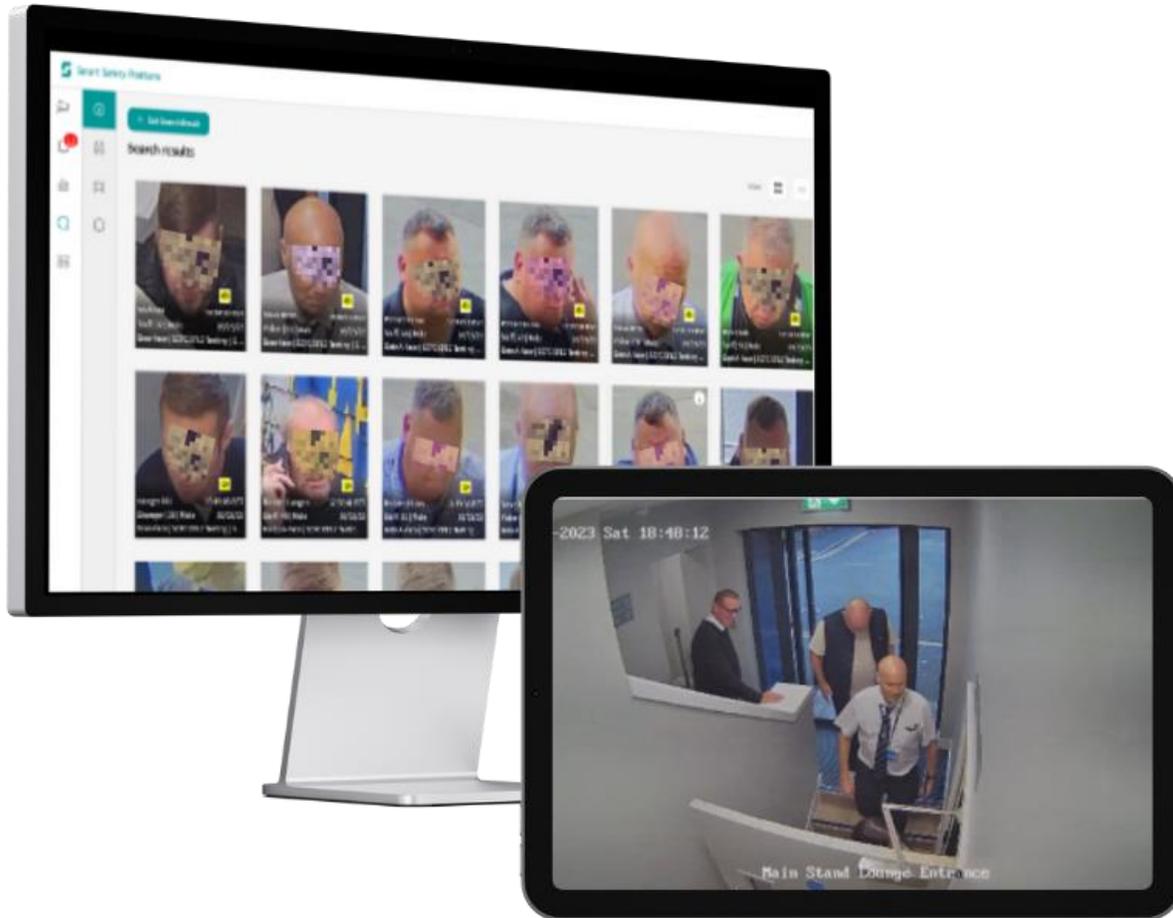
 <p>Pedestrian Confidence: 82% Pose Confidence Upper: - Pose Confidence Lower: - Lying Down Time: 3s Aspect Ratio: 0.33 Angle Offset: 0 Falling Angle: -1 Body-Leg Blending Angle: -1</p>	 <p>Smart video: Off</p>	<p><b>Event Alert</b></p> <p>Falling Down</p> <hr/> <p><b>Location</b></p> <p>Time / Date 00:02:44 BST, 10/12/24</p> <p>Venue Venue</p> <p>Floor Floor</p> <p>Function Area 0824 alert</p> <p>Device Name / Type 0824 Wolves Stand F/Q / Common Camera</p>
 <p>Pedestrian Confidence: 95% Pose Confidence Upper: - Pose Confidence Lower: - Lying Down Time: 2s Aspect Ratio: 0.36 Angle Offset: 0 Falling Angle: -1 Body-Leg Blending Angle: -</p>	 <p>Smart video: Off</p>	<p><b>Event Alert</b></p> <p>Falling Down</p> <hr/> <p><b>Location</b></p> <p>Time / Date 04:28:03 BST, 06/09/24</p> <p>Venue Venue</p> <p>Floor Floor</p> <p>Function Area 1006 alert</p> <p>Device Name / Type 1006 - (Walsall) Darwall St x 1006 (Direct) / Common Camera</p>

# Face Recognition and Access Control

Ensuring a secure and efficient environment with:

- Access control features, including face recognition
- Attendance and time tracking
- Intruder detection and alerting
- Visitor management





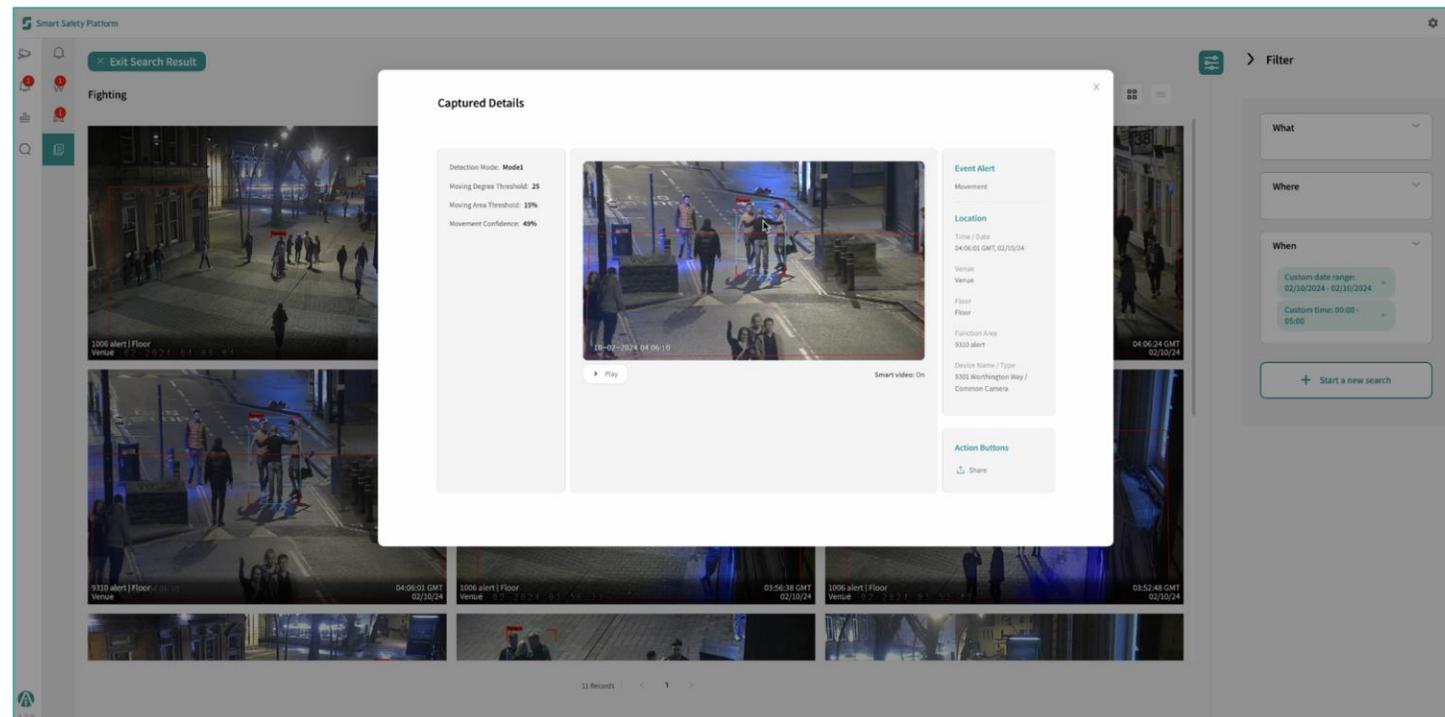
## Identity Profile ID

Real-time insights on footfall traffic, store visits, and buying patterns. Optimize venue plan strategies, enhance experiences, and drive growth.

# Violence & Weapon Detection

Real-time threat detection with proactive security measures for:

- Accurately identify violent and aggressive behaviour
- Identifies actions, e.g. kicking, punching, wrestling
- Indoor and outdoor applications
- Works seamlessly in diverse environments





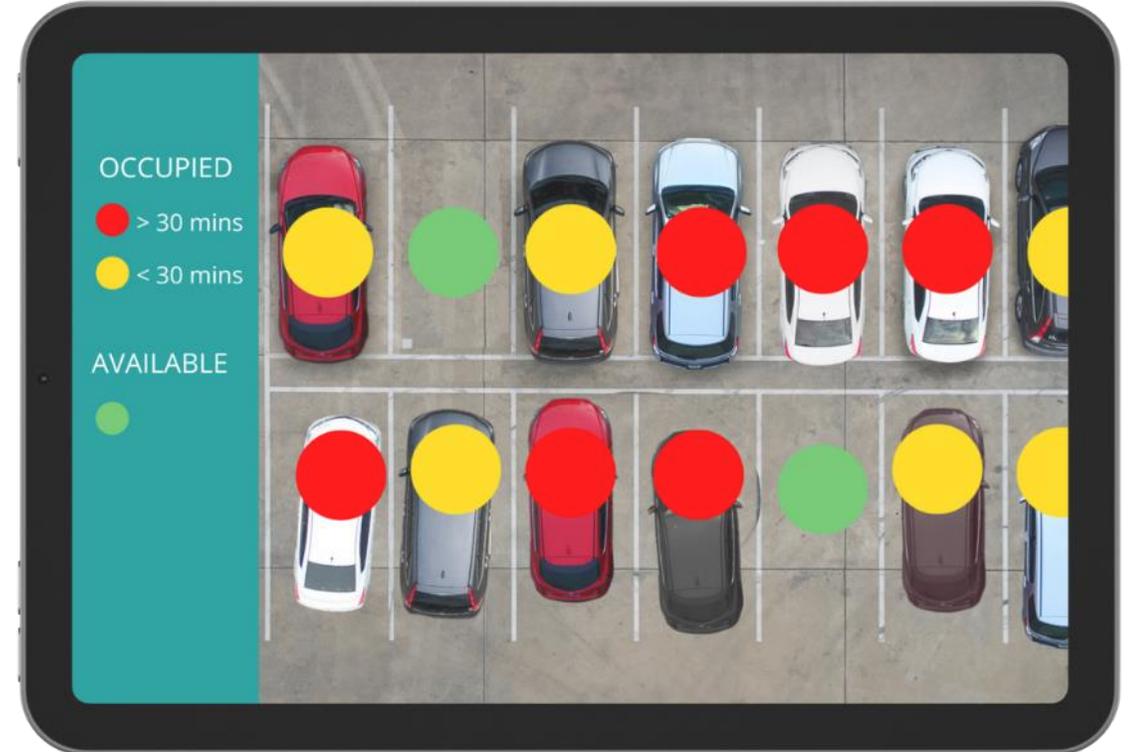
## Intrusion and Loitering

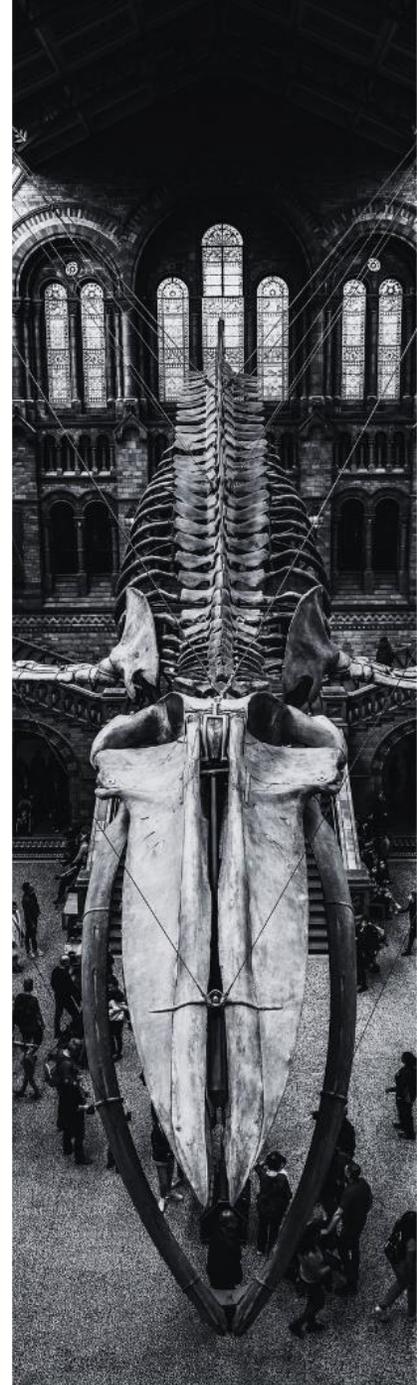
- Real-time detection & alerting of intrusions or loitering
- Notifications can be sent via email and SMS
- Uses machine learning and AI
- Detects people & vehicles in most environments
- Advanced search features

# Car Park Management

## Key Features Include

- Vehicle attribute search
- Search for a vehicle by license plate number
- Search by the vehicle color, type, and / or tags
- Enable multi-dimensional search
- Search by time / region and ..
- in combination with license plate number, color, and type
- Used for quick location of vehicles and related events





## Remark's Facility Management Solution can be implemented across a variety of sectors:

- Museums
- Stadiums
- Transport Hubs; including airports, train stations, bus depots and ports
- Manufacturing
- Warehouse
- Law Enforcement
- Local Authority
- Academia and Schools

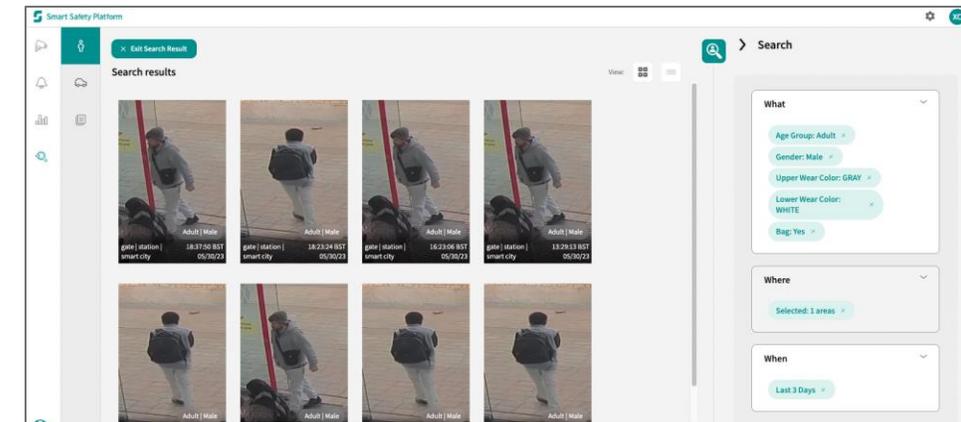
# Use Cases: Museums, Stadiums, Offices & Public Spaces

- Occupancy level monitoring
- Inflow and outflow traffic analysis
- Real-time alerts for safety and security events



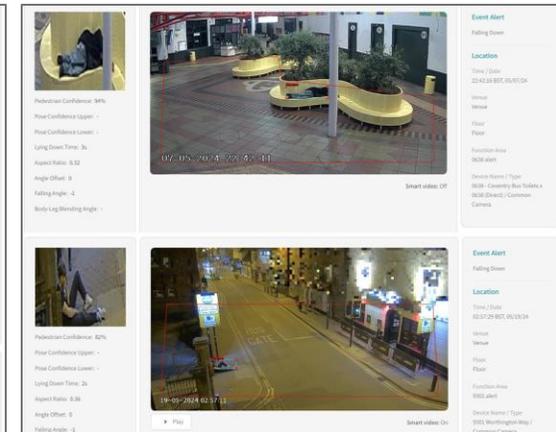
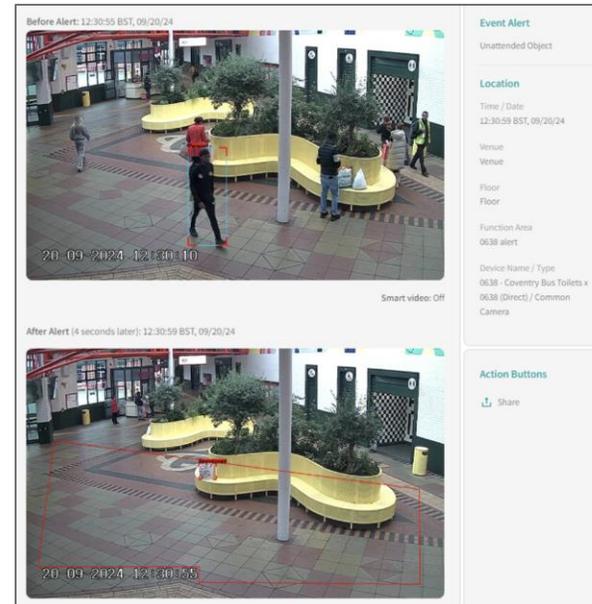
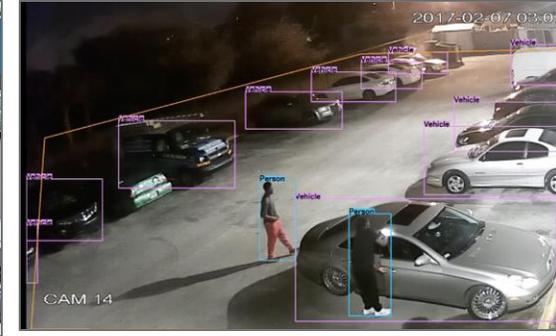
# Use Cases: Train/Bus Stations, Transit, EVENTS

- Occupancy level monitoring
- Detect overcrowding in platforms, waiting areas, and entrances
- Queue management
- Passenger inflow and outflow analysis.
- Video search



# Use Cases: Train/Bus Stations, Transit

- Automatically identify unattended bags or objects in real-time
- Detect unauthorized access to restricted areas such as tracks or operational zone, perimeter protection to avoid trespassing
- Analyze abnormal activities, such as loitering, erratic movements, or escalations
- Detect falls or slips in stations, on platforms, or near stairways
- Recognize and log vehicles and buses entering or exiting stations
- Detect falls or slips in stations, on platforms, or near stairways
- Fire and smoke detection
- Real-time alerts for safety and security events



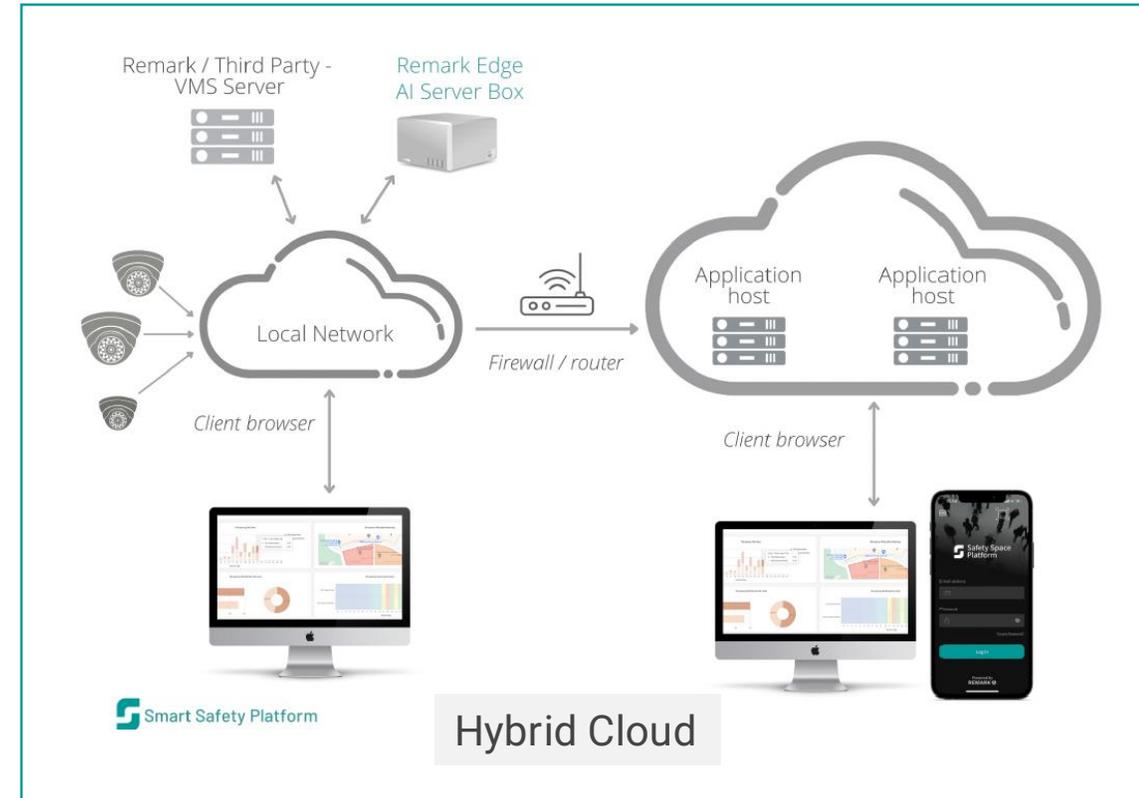
# Why Choose Remark?

## Choose Remark for:

- **Proactive Security:** Enable faster response to potential threats.
- **Operational Efficiency:** Streamline operations from parking to people flow.
- **Business Intelligence:** Drive revenue by understanding your customers better.

## FEATURING

- **Scalable Solutions:** Fits both small and large mall environments.
- **Flexible Deployment: On-premise, Hybrid/Full Cloud**
- **Seamless Integration:** Works with your existing CCTV infrastructure.
- **Expert Support:** Full setup, training, and ongoing assistance.



# Our Clients and Partners



# Interested to know more?

## Contact us

Email us at [info@remarkai.co.uk](mailto:info@remarkai.co.uk)

Call us on +44 (0)20 36330059

Try for free to see what SSP can do for you.



## Connect with us

@remarkvision



---

[www.remarkvision.com](http://www.remarkvision.com)

**REMARK** 