

AI-Powered Real-Time Event Detection & Response Platform for Public Sector

Real-time incident detection across video, sensor and IoT data for UK public sector

Faster incident response

Enhance public safety by shortening response times to security incidents and emergencies through

Lower monitoring costs

Reduce operational costs by replacing manual surveillance with automated AI monitoring and intelligent

Proactive maintenance

Improve infrastructure maintenance by identifying equipment failures before breakdowns occur through

Transform Public Services

- Purpose-built for UK public sector, including councils, NHS and critical national infrastructure operators.
- Unifies video, sensor and IoT monitoring into a single AI-driven platform with real-time detection.
- Delivers automated alerts and coordinated response workflows for emergencies and operations.
- Enables proactive risk management through anomaly detection, trend analysis and predictive intelligence.

Service Overview

The service is an AI platform that continuously monitors video feeds, sensor outputs and IoT streams for UK public sector bodies to identify security incidents, environmental hazards, infrastructure anomalies and operational events. It delivers automated, real-time alerts and orchestrates intelligent response for emergency services, local authorities, NHS organisations and operators of critical national infrastructure.

Core Capabilities

- Real-time detection of security, environmental, infrastructure and operational events from heterogeneous data sources
- Automated alerting and workflow-driven response coordination across multi-agency teams
- Centralised, nationwide monitoring with historical event analysis and predictive intelligence

Key Features

AI-powered video surveillance monitoring

Advanced computer vision monitors multiple camera feeds to detect security threats, unauthorised access and unusual behaviour patterns.

Real-time environmental sensor integration

Integrates environmental sensors to track air quality, water levels, temperature and pollution events for immediate hazard response.

IoT device connectivity

Supports diverse industrial protocols and equipment for comprehensive infrastructure and operational monitoring.

Intelligent anomaly detection

Uses machine learning to identify security threats, equipment failures and operational irregularities with high accuracy.

Automated alert notifications

Sends real-time alerts to emergency response teams, operational managers and multi-agency coordination centres.

Centralised monitoring dashboard

Provides unified visibility across distributed video, sensor and IoT assets with intuitive operational interfaces.

Historical event data analysis

Enables pattern recognition, trend analysis and predictive insights from historical incident and operational data.

GDPR-compliant secure storage

Ensures secure, UK/EEA-based storage of sensitive public sector operational data with comprehensive access controls.

Service Benefits

Faster incident response

Enhance public safety by shortening response times to security incidents and emergencies through automated detection.

Lower monitoring costs

Reduce operational costs by replacing manual surveillance with automated AI monitoring and intelligent alerting.

Proactive maintenance

Improve infrastructure maintenance by identifying equipment failures before breakdowns occur through anomaly detection.

Stronger multi-agency coordination

Strengthen emergency coordination with faster, data-driven collaboration between agencies and response teams.

Better environmental protection

Protect environmental assets through immediate detection of pollution and ecological threats from sensor networks.

Optimised resource deployment

Use predictive event analytics to allocate personnel and resources more efficiently based on historical patterns.

Summary & Key Advantages

Why Choose This Service

- Purpose-built for UK public sector, including councils, NHS and critical national infrastructure operators.
- Unifies video, sensor and IoT monitoring into a single AI-driven platform with real-time detection.
- Delivers automated alerts and coordinated response workflows for emergencies and operations.
- Enables proactive risk management through anomaly detection, trend analysis and predictive intelligence.
- Ensures GDPR-compliant, UK/EEA-based data handling with strong security controls.
- Scales across multi-cloud environments with centralised, nationwide visibility.

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