ABOUT U-SAFE

U-Safe is ideal for organisations seeking to adapt AI for health & safety in a cost-efficient way. You can install the software to any IP cameras avoiding heavy hardware investments. U-Safe eliminates tedious, expensive and dangerous work while it also protects people's privacy. The main features are Personal Protective Equipment tracking, injury and hazardous event detection.

U-Safe enables immediate reaction to dangerous events and preventing accidents and injuries. Our video analytics is accurate in differentiating objects and sending alerts. Gain a competitive edge for your businesses with U-Safe computer vision!

U-Safe Technical datasheet

Scenarios

Health & Safety rules monitoring
Fall Detection
Dangerous behaviour detection
People/Vehicle counting (person, car, truck, bus, motorcycle, bicycle, train, boat, airplane)
Anonymization*

Supported devices

All IP cameras with RTSP stream including Thermal and PTZ

Compute platform

GPU Based Edge server (Nvidia Jetson NX recommended)

Configuration difficulty

Plug&Play Setup, 15 min configuration/channel

Supporting software

Web browser

Languages

English

Features

Missing PPE detection
Hazardous Area
Wrong direction
Stopped
Multi-object Counting
Traffic Counting
Fall Detection
Privacy Mask*

Limitations

Camera stream must be set to FullHD (or lower), 1-10FPS.
Extreme weather conditions or insufficient lighting (visual cameras) could impact detection performance.

Deployment: Correct mounting of camera and configuration required.
See the user manual for instructions.

Application Programming Interface

Custom HTTP integration for Alarms and Counters

E-mail notification

Milestone XProtect

Genetec Security Center

IMMIX

Sentinel*

Sureview

Event management

Integrated Event manager

Milestone XProtect Smart Client

Genetec Security Center client

Custom software*

E-mail notification

IMMIX CS

SureView

Sentinel*

Metadata

Alarm:
- Triggering camera ID
- Alarm timestamp
- Alarm type
- Detected objects' type and position

Counter (Live and batch):
- Time range (from-to)
- Detection types
- Min, Max, First, Last, Average, Median

Min. object height (px)

32px***

Max. range

150-500 meters***

* scheduled for next release

**based on commercial commitment

***depending on feature complexity

Contact Details

UK Contact

Business Insight 3

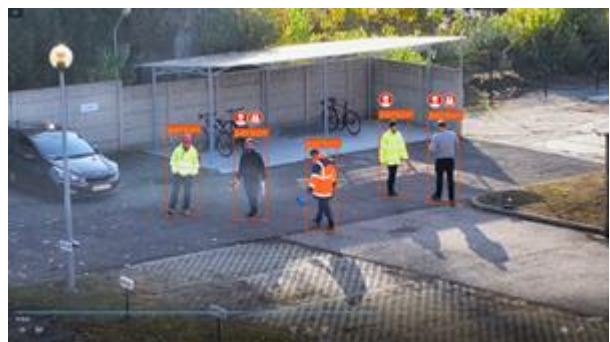Richard Eaves, Head of Business Intelligence & Operations

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Feature Examples

Hazardous Area

Active PPE Monitoring

Experts in Human, Vehicle and Object Detection

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