

# ETR-IBOX NOVÁ ÉRA VIDEOANALÝZY II

Úplne nový štandard v AI



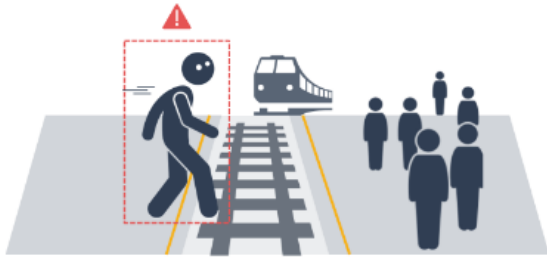
# AI BOX 2.0

## New standard in AI video analytics



Vyhovuje NDAA

### Intrusion Detection

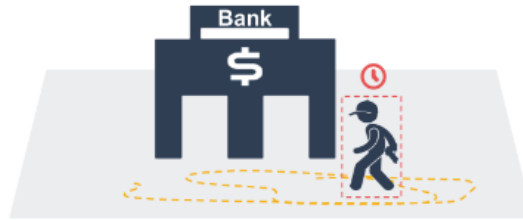


Detect people in no-entry zones, send notifications, and configure various other actions.

8 CH Licensed

1 Rules in Use

### Loitering Detection



Detect people, cars, bikes loitering in certain areas. It can enhance security by detecting behaves suspiciously.

8 CH Licensed

No Rules in Use

### Virtual Fence



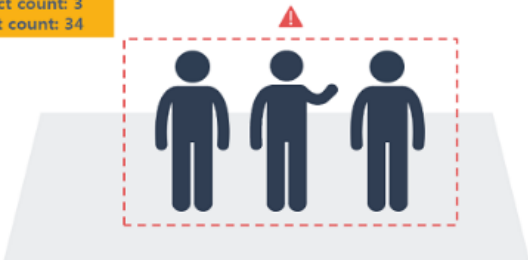
Set up virtual fences near key assets or facilities to monitor at all times and proactively detect intrusion attempts.

8 CH Licensed

No Rules in Use

### Zone Counting

Object count: 3  
Event count: 34



Set up zones and determine real-time occupancy. Events can be set according to the number of people in the zone.

8 CH Licensed

1 Rules in Use

### Enter/Exit Detection

Trial

NEW



Objects entering or exiting the surveillance area can be detected.

No License

No Rules in Use

### Stopping Detection

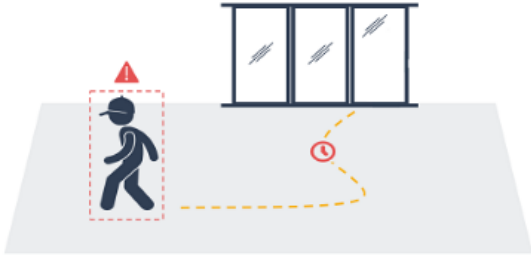


Detect people and vehicles that have been stationary for a certain period of time.

8 CH Licensed

No Rules in Use

### Stay & Go



Detect objects that stay in and out of the surveillance zone for more or less than a certain amount of time.

8 CH **Licensed**

No Rules in Use

### Speed Anomaly Detection

Trial

**NEW**



Detects objects passing through the zone faster or slower than the reference.

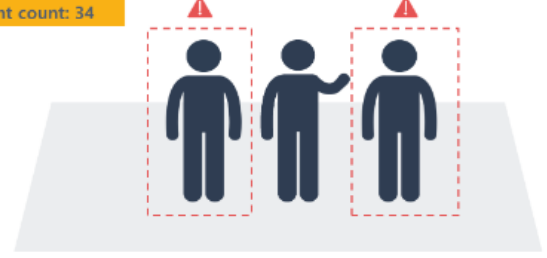
No License

No Rules in Use

### Multi Zone Counting

Trial activation

Object count: 2  
Event count: 34



Set up multiple zones and determine real-time occupancy. Events can be set according to the number of people in the entire zone.

No License

No Rules in Use

### Covered Face Detection

Trial

**NEW**



Detects faces obscured by masks, hoods, motorcycle helmets, etc.

No License

No Rules in Use

### No Mask

Trial

**NEW**



Detects people not wearing masks within the surveillance area.

No License

No Rules in Use

### Hand & Foot Intrusion



Detects who has touched a hand or foot in a secure area.

8 CH **Licensed**

No Rules in Use

### Intentional Body Gaze Detector



The direction of the body detects a person who is intentionally focusing their gaze in a specific direction. Detect someone who is interested in the exhibits in a show window or snooping through someone else's window.

8 CH **Licensed**

No Rules in Use

### Imminent Threat



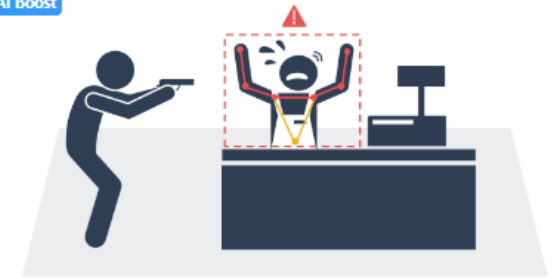
Detect threat situations through behavioral recognition and scene understanding technology.

8 CH **Licensed**

1 Rules in Use

### Imminent Threat+

Hybrid AI Boost



Detect threat situations through behavioral recognition and scene understanding technology.

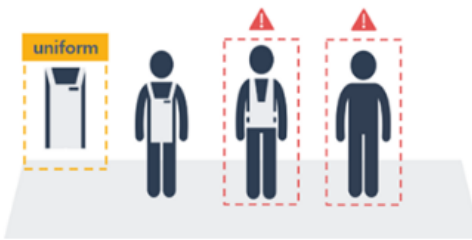
No License

No Rules in Use

NEW

### Out of Uniform

Hybrid AI Boost



Detects people not wearing the designated uniform.

No License

No Rules in Use

NEW

### CloseCam Covered Face

Hybrid AI Boost



Detects whether the face is covered by a mask, hat, sunglasses, or mask in situations where the face is being captured with a front-facing camera such as an ATM.

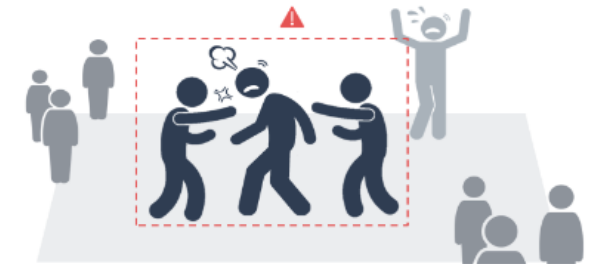
No License

No Rules in Use

NEW

### Bullying Detection

Trial activation



Bullying Detection

No License

No Rules in Use

### Fire & Smoke Detection



Detect flames and thick smoke in the surveillance area. A fire situation can be spread quickly.

8 CH **Licensed**

No Rules in Use

### Fire & Smoke Detection+



Hybrid AI Boost



Detect flames and thick smoke in the surveillance area. A fire situation can be spread quickly.

No License

No Rules in Use

### Aggressive Detection

Trial activation



Detect acts of violence such as fighting or one-sided assault.

No License

No Rules in Use

### Aggressive Detection+



Hybrid AI Boost

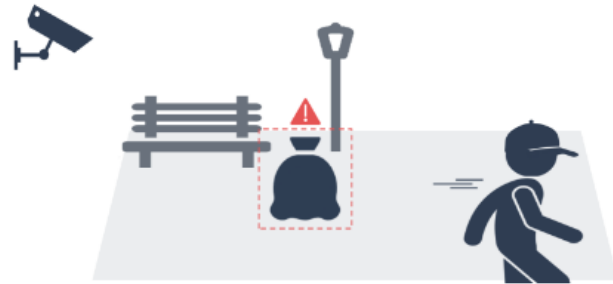


Detect acts of violence such as fighting or one-sided assault.

No License

No Rules in Use

### Illegal Dumping



Detect abandoned objects. It can be used to detect dangerous objects or illegal dumping of garbage.

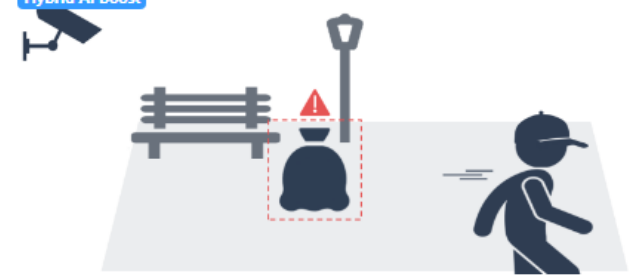
8 CH **Licensed**

No Rules in Use

### Illegal Dumping+



Hybrid AI Boost



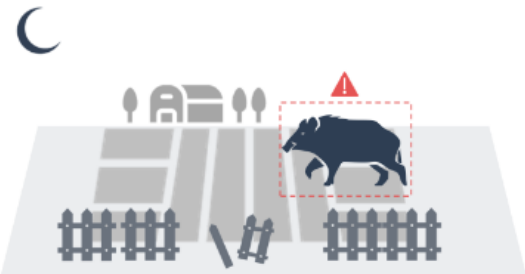
Detect abandoned objects. It can be used to detect dangerous objects or illegal dumping of garbage.

No License

No Rules in Use

## Animal Detection

NEW



Detect animals suddenly appearing in surveillance area. Reduce property damage caused by animals.

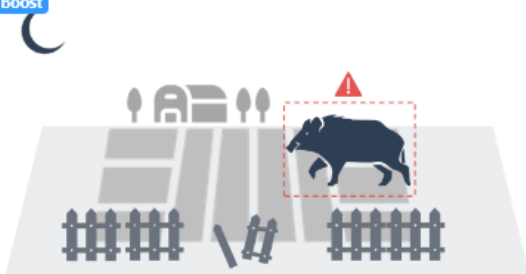
8 CH Licensed

No Rules in Use

## Animal Detection+

NEW

Hybrid AI Boost



Detect animals suddenly appearing in surveillance area. Reduce property damage caused by animals.

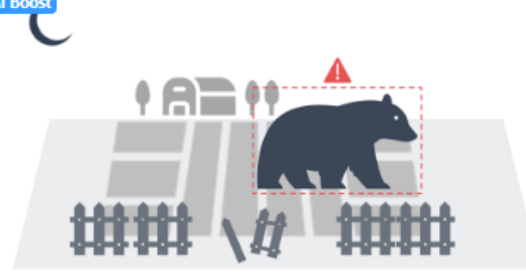
No License

No Rules in Use

## Bear Detection

NEW

Hybrid AI Boost



Detects the appearance of bears in the surveillance area in real time, enabling early identification and prevention of potential dangers.

No License

No Rules in Use

## Occupancy Counting



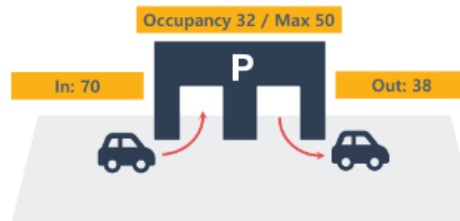
Calculates the number of people in the building by adding up entry and exit counts.

8 CH Licensed

## P Occupancy Car Counting

Trial available

NEW



Calculates the number of car in the parking lot by adding up entry and exit counts.

No License

## People Counting



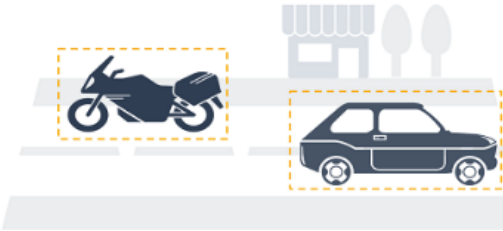
Counts the floating population of a major area or counts the floating population of multiple areas by summing up.

8 CH Licensed

## Vehicle Counting

Left: 34

Right: 45



The number of passing vehicles can be counted. Combined counting of passing vehicles from multiple channels.

8 CH Licensed

## Queue Management

Queue length: 9  
Service time: 34 sec

Queue length: 12  
Service time: 49 sec



Check the number of waiting customers and the average processing time of waiting customers.

8 CH Licensed

## Advanced Visitor Analysis



Identify the gender distribution of customers. This will help you determine the types of products, placements, and purchases, as well as the types of customers you need to develop.

8 CH Licensed

## Vehicle Queue Management

Trial activation

Vehicle waiting at signal  
Total Waiting Time: 124  
Number of Waiting Vehicles: 8

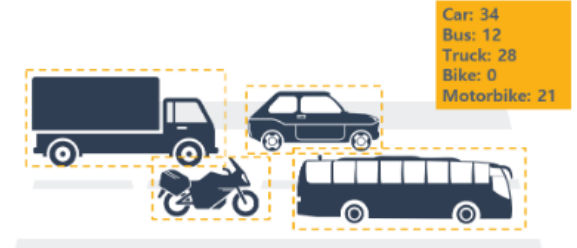


Analyzes and delivers in real time the number of vehicles waiting and the total waiting time in vehicle lines such as intersections.

No License

NEW

## Vehicle Type Counting



Cars, trucks, buses, bikes, and motorbikes can be counted by type. You can count by summing the number of vehicles by type in multiple channels.

8 CH Licensed

## No PPE

Trial activation



Recognizes non-wearing safety equipment in the surveillance area and sends a warning message to the non-wearing safety equipment or manager.

No License

No Rules in Use

Beta

### Helmet Not Wearing

**NEW**

Hybrid AI Boost



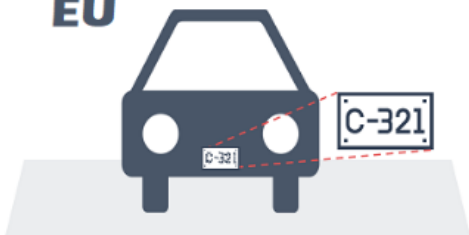
Recognizes those who do not wear helmets in the monitoring area and sends a warning message to those who do not wear helmets or to the manager.

No License

No Rules in Use

### LPR-Europe

EU

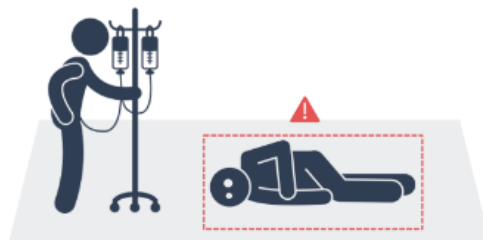


Recognizes license plates and compares them to pre-registered car numbers to generate events such as match/mismatch. For European license plate recognition only.

8 CH Licensed

No Rules in Use

### Fallen Person Detection



Real-time recognition of a fall and rapid propagation of an emergency can minimize human casualties.

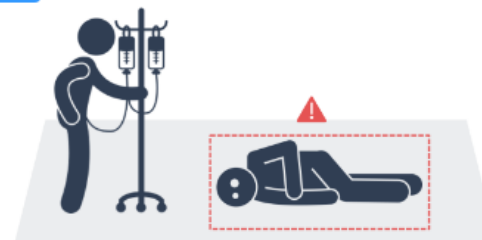
8 CH Licensed

No Rules in Use

### Fallen Person Detection+

**NEW**

Hybrid AI Boost



Real-time recognition of a fall and rapid propagation of an emergency can minimize human casualties.

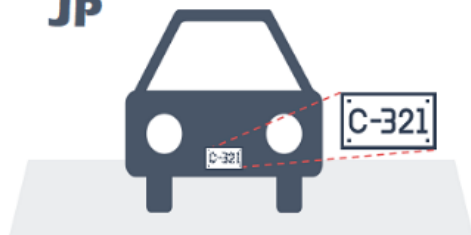
No License

No Rules in Use

### LPR-JP

Trial activation

JP



Recognizes license plates and compares them to pre-registered car numbers to generate events such as match/mismatch. For Japanese license plate recognition only.

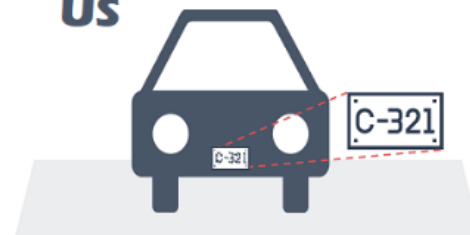
No License

No Rules in Use

### LPR-US

Trial activation

US



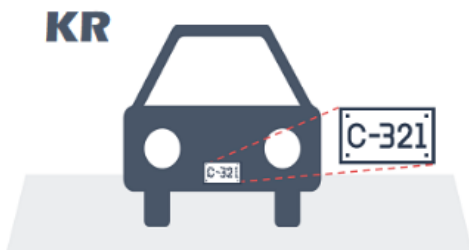
Recognizes license plates and compares them to pre-registered car numbers to generate events such as match/mismatch. For United States license plate recognition only.

No License

No Rules in Use

LPR-KR

Trial activation



Recognizes license plates and compares them to pre-registered car numbers to generate events such as match/mismatch. For Korean license plate recognition only.

No License

No Rules in Use

Crowd Detection



Set a zone from the camera image and understand the congestion level and frequency of the zone.

8 CH Licensed

No Rules in Use

Beta

Human Prolonged Stay

Trial activation



Detects suspicious people loitering in a single area with behaviour indicating poor intentions such as robbery.

No License

No Rules in Use

Beta

Staff Exclusion People Counting

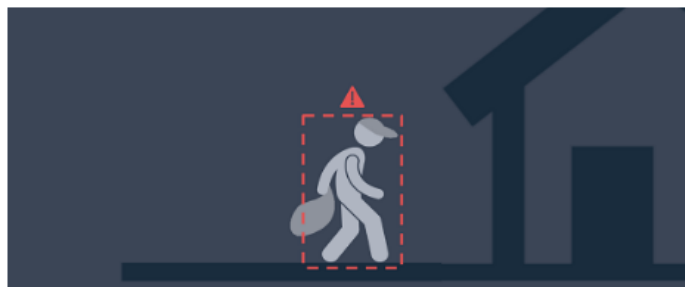
Trial activation



Exclude employees from people counting.

No License

Thermal Intrusion Detection



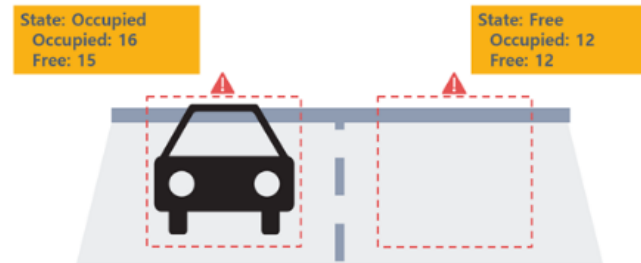
Dedicated human detection using advanced thermal imaging.

8 CH Licensed

No Rules in Use

Vehicle Zone Presence

Trial activation



Monitor the status of a set zone based on the presence of a vehicle. Define the occupancy status, such as moving or stationary vehicles, and determine whether a vehicle occupies the area to meet the conditions you set.

No License

No Rules in Use

### Work Vehicle Hazard Detection

Trial

NEW

State: Danger  
Danger: 13  
Safe: 12



Monitors the condition of set areas based on whether work vehicles or personnel are present. You can define hazardous conditions, such as moving people or vehicles at work, and know the hazardous situation in the work area.

No License

No Rules in Use

### Reverse Movement Detection

Trial

NEW



Detects people and vehicles moving in the opposite direction within the surveillance area.

No License

No Rules in Use

### Forklift No Helmet

Trial activation

Beta



Detect if the forklift driver is not wearing a helmet.

No License

No Rules in Use

### Forklift Non-Driver Detection

Trial

NEW



Detects people in set zone, but not forklift operators.

No License

No Rules in Use

### Road Pedestrian Detection

Trial

NEW



Detects pedestrians in areas inaccessible to pedestrians, such as automobile-only roads, bridges, and tunnels.

No License

No Rules in Use

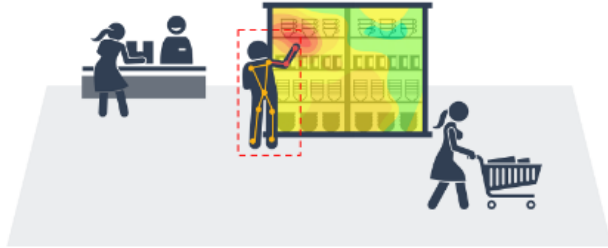
### Heatmap



Heatmap data of areas where people have been detected can be generated for service improvement. By visually representing the heatmap data, areas of high and low activity can be emphasized.

8 CH Licensed

### Advanced Heatmap



Generates heat map data that reflects customer interest through behavioral analysis. You can identify and visualize the degree of customer interest in multiple areas, such as each shelf or exhibition area in a store.

8 CH Licensed

### Basic Attribute



You can distinguish the color of the detected person's top and bottom clothing. You can filter events or send metadata for later searches.

8 CH Licensed

### Advanced Attribute



In addition to basic attributes, you can distinguish detailed attributes such as age, gender, bag, and hat. You can filter events or send metadata for later searches.

8 CH Licensed

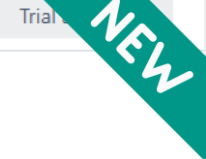
### Dynamic Privacy Masking



Masks everyone except the person for whom the event was detected.

8 CH Licensed

### Dynamic Face Masking



Masks the faces of everyone except the person for whom the event was detected.

No License

### LP Masking

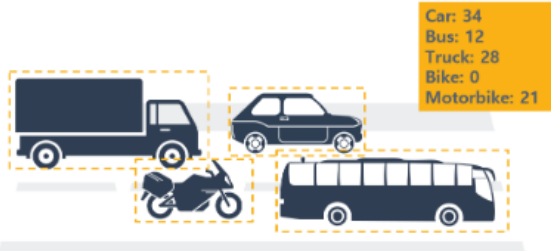


Masks the license plates of all vehicles except the object that triggered the event.

No License

### Vehicle Type Detection

Trial activation



The basic detection app can detect cars, trucks, buses, bicycles, and motor vehicles and generate events.

No License

### Forklift Detection

Trial activation

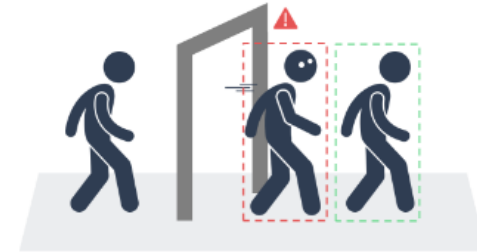


The basic detection app can detect forklift and generate events.

No License

### Tailgating

Trial activation



The system tracks authenticated users and instantly detects and alerts when an unauthorized person attempts to tailgate behind them.

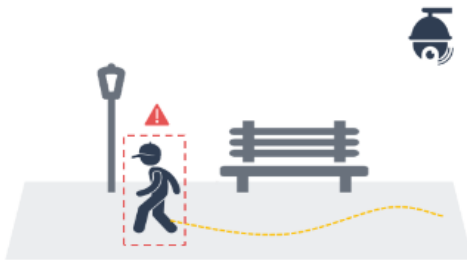
No License

No Rules in Use

### PTZ Tracking

Trial

NEW



In a CCTV installation environment, the PTZ camera can be controlled according to the movement of the object, keeping the size of the object constant on the screen and tracking it.

No License

### Object Location Tracking

Trial

NEW



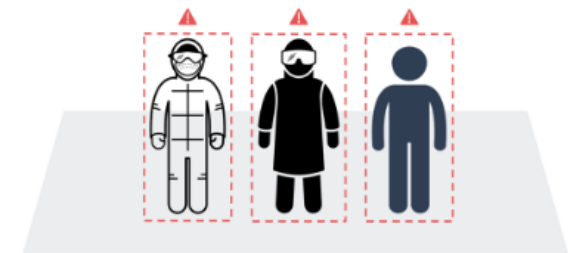
Tracks the location of detected people and cars based on the camera's installed information. Real-time location information can be visualized by mapping the calculated location on a map.

No License

### Dust-Proof Clothing Detection

Trial

NEW



Monitors cleanroom-garment compliance and detects non-wearing, overall, and gown types.

No License

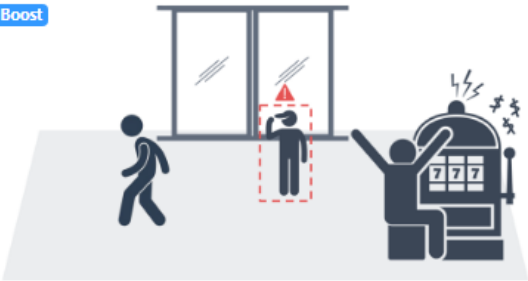
No Rules in Use

Beta

### Under-Age Detection

NEW

Hybrid AI Boost



Detects minors by estimating the age of the person entering the area where minors are not allowed entry.

No License

No Rules in Use

Beta

### Unsafe Lifting

NEW

Hybrid AI Boost



Detects people lifting heavy objects in an unsafe posture.

No License

No Rules in Use

Beta

### Gun Detection

NEW

Hybrid AI Boost



Detects people carrying firearms.

No License

No Rules in Use

Beta

### Phone-Walking Detection

NEW

Hybrid AI Boost



Detects people walking while looking at their phones.

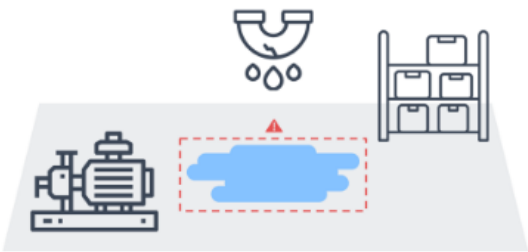
No License

No Rules in Use

### Spill Detection

NEW

Hybrid AI Boost



Detects and alerts when liquids accumulate on the floor due to sprinkler malfunction, leaks, oil spills, etc.

No License

No Rules in Use

ĎAKUJEME  
ZA POZORNOSŤ