



Luxriot®

Video and Data Management System



Luxriot®

Video and Data Management System

Luxriot offices



Coming Soon!

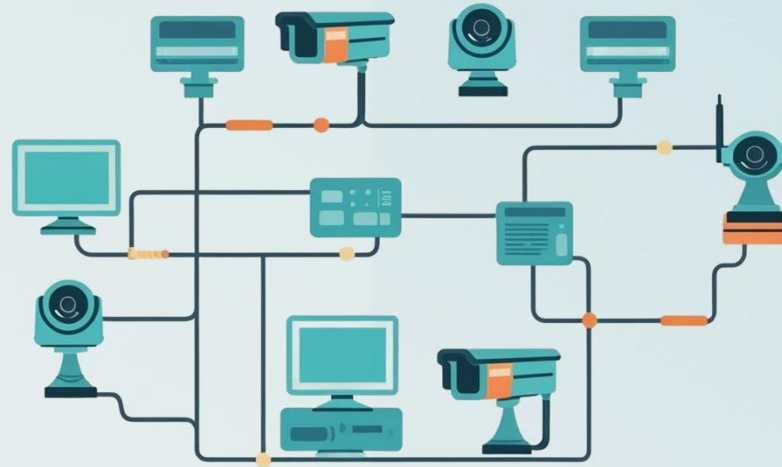
Luxriot Evo Editions



Evo S

Single-server
4+ to Unlimited

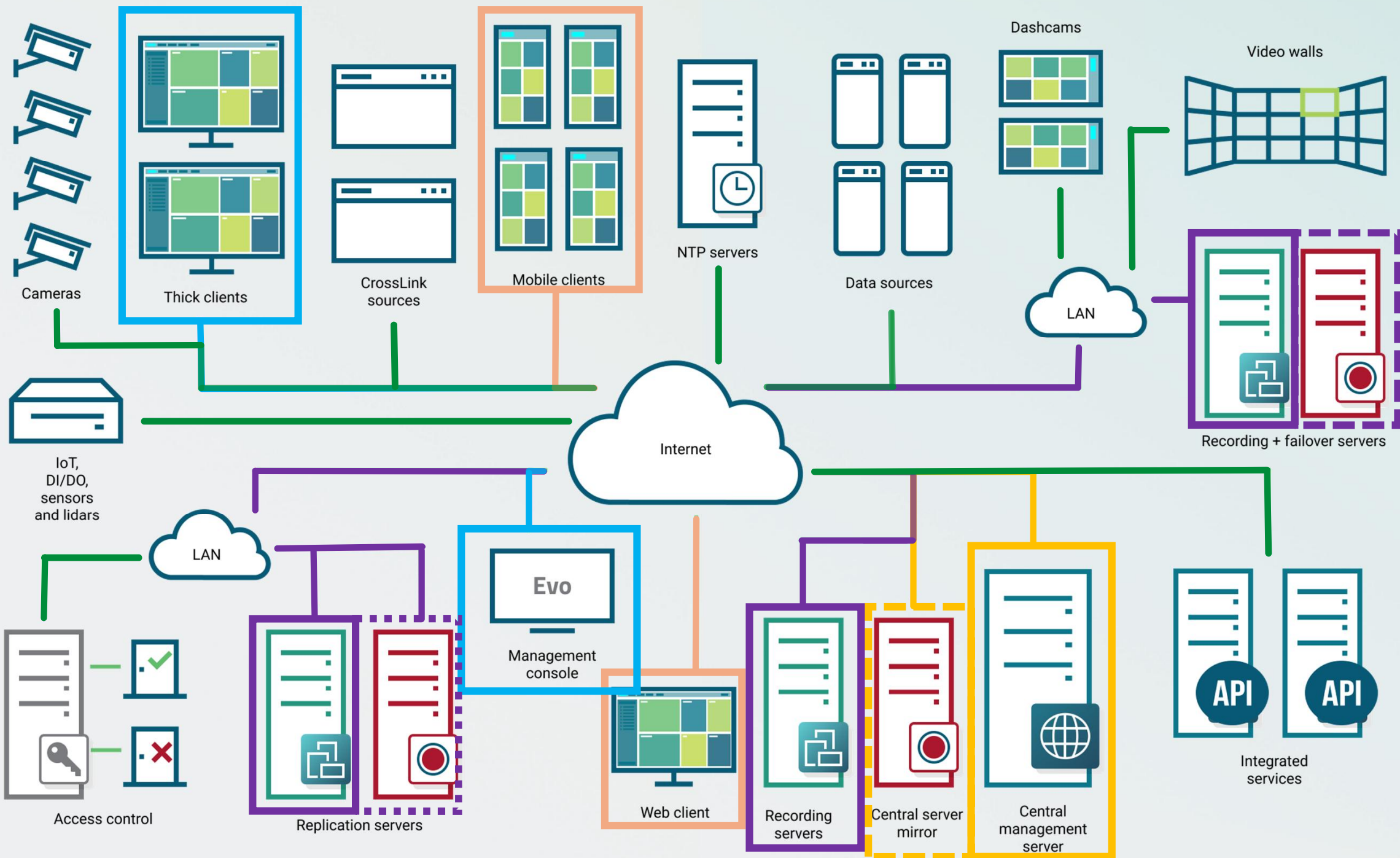
← ALL-INCLUSIVE →
← UNIFIED →
← INTEROPERABLE →

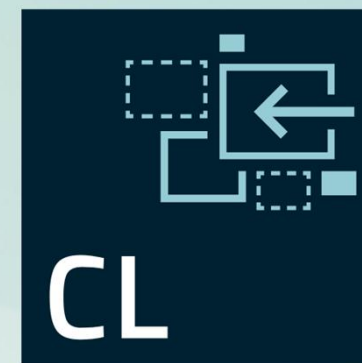
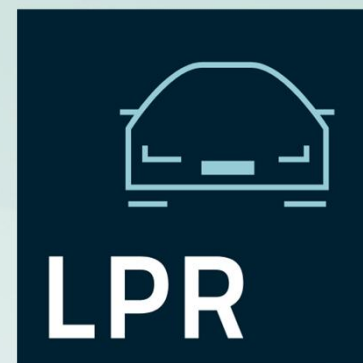


Evo Global

Multi-server
50+ to unlimited

Optimized Performance + Easy Licensing + Extensive Device Support

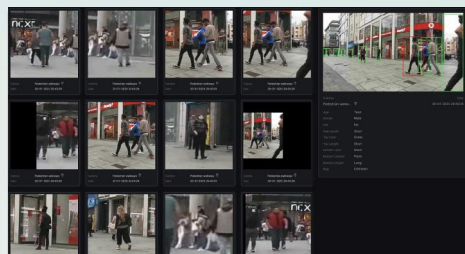
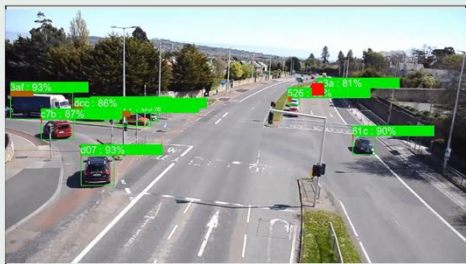


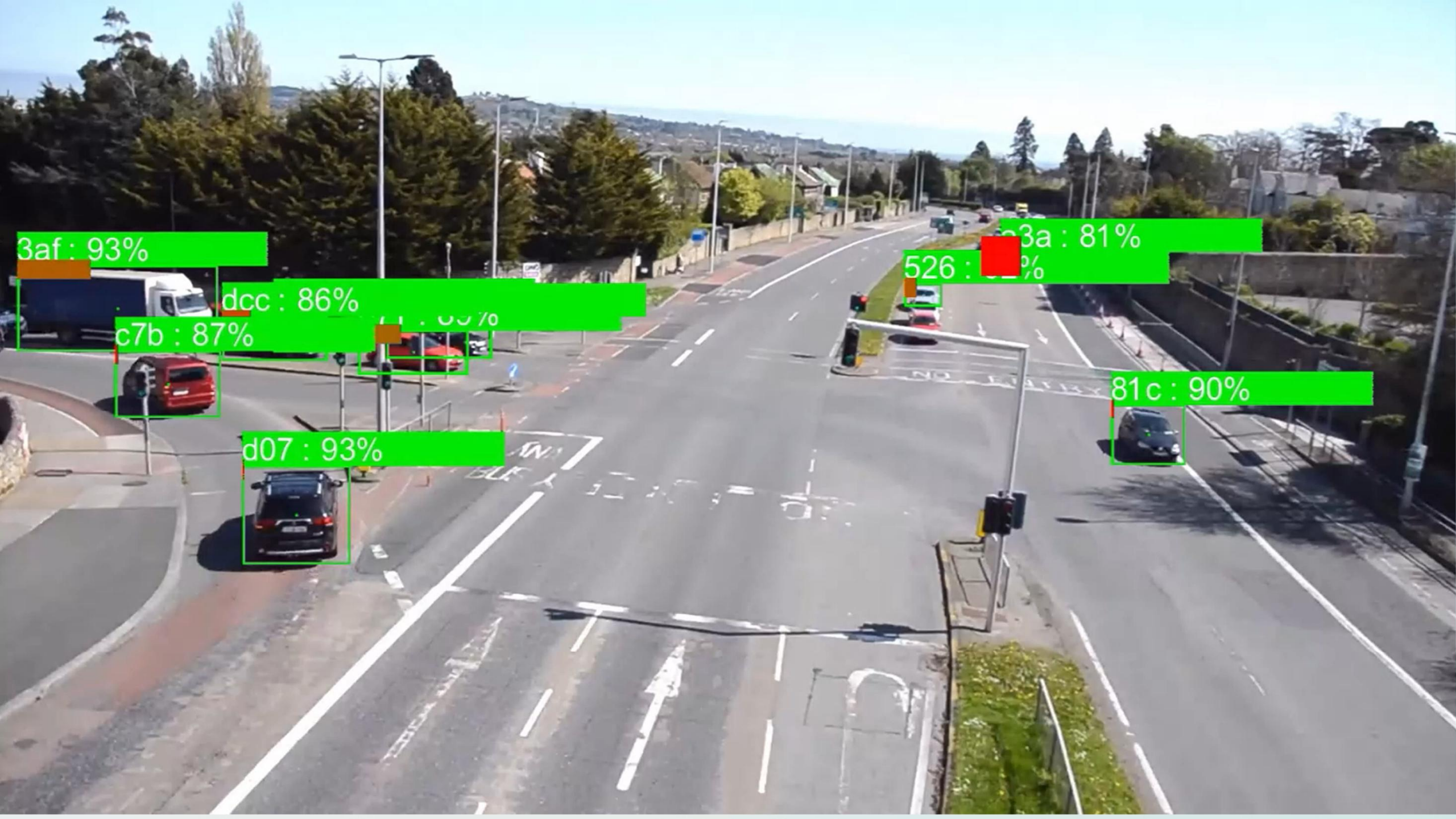




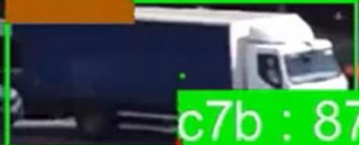
EVA

Object Detector
Smart Search
Gun Detection
Smoke & Fire Detection
Traffic Analytics
Hard Hat Detector
UIC&C Container Identification





3af : 93%



dcc : 86%



c7b : 87%

d07 : 93%



526 : 81%



3a : 81%

81c : 90%





Camera Pedestrian walkways
Date 20-01-2025 20:43:29



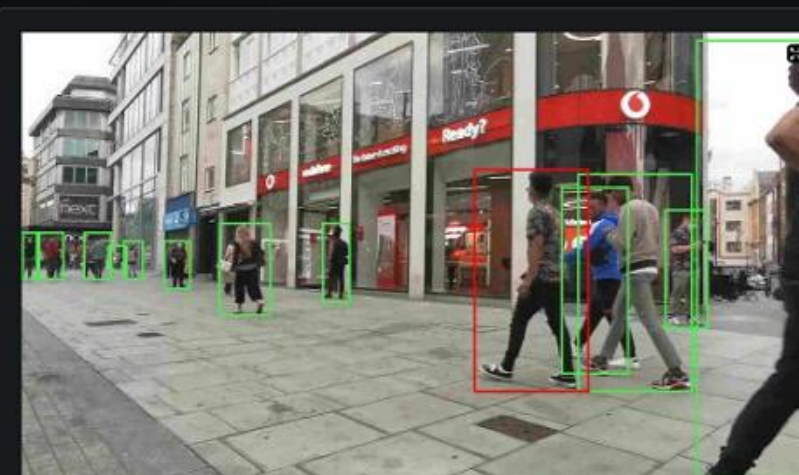
Camera Pedestrian walkways
Date 20-01-2025 20:43:29



Camera Pedestrian walkways
Date 20-01-2025 20:43:29



Camera Pedestrian walkways
Date 20-01-2025 20:43:29



Camera Pedestrian walkways
Date 20-01-2025 20:43:29

Age	Teen
Gender	Male
Hat	No
Hair Length	Short
Top Color	Green
Top Length	Short
Bottom Color	Black
Bottom Clothes	Pants
Bottom Length	Long
Bag	Unknown



Camera Pedestrian walkways
Date 20-01-2025 20:43:29



Camera Pedestrian walkways
Date 20-01-2025 20:43:29



Camera Pedestrian walkways
Date 20-01-2025 20:43:29



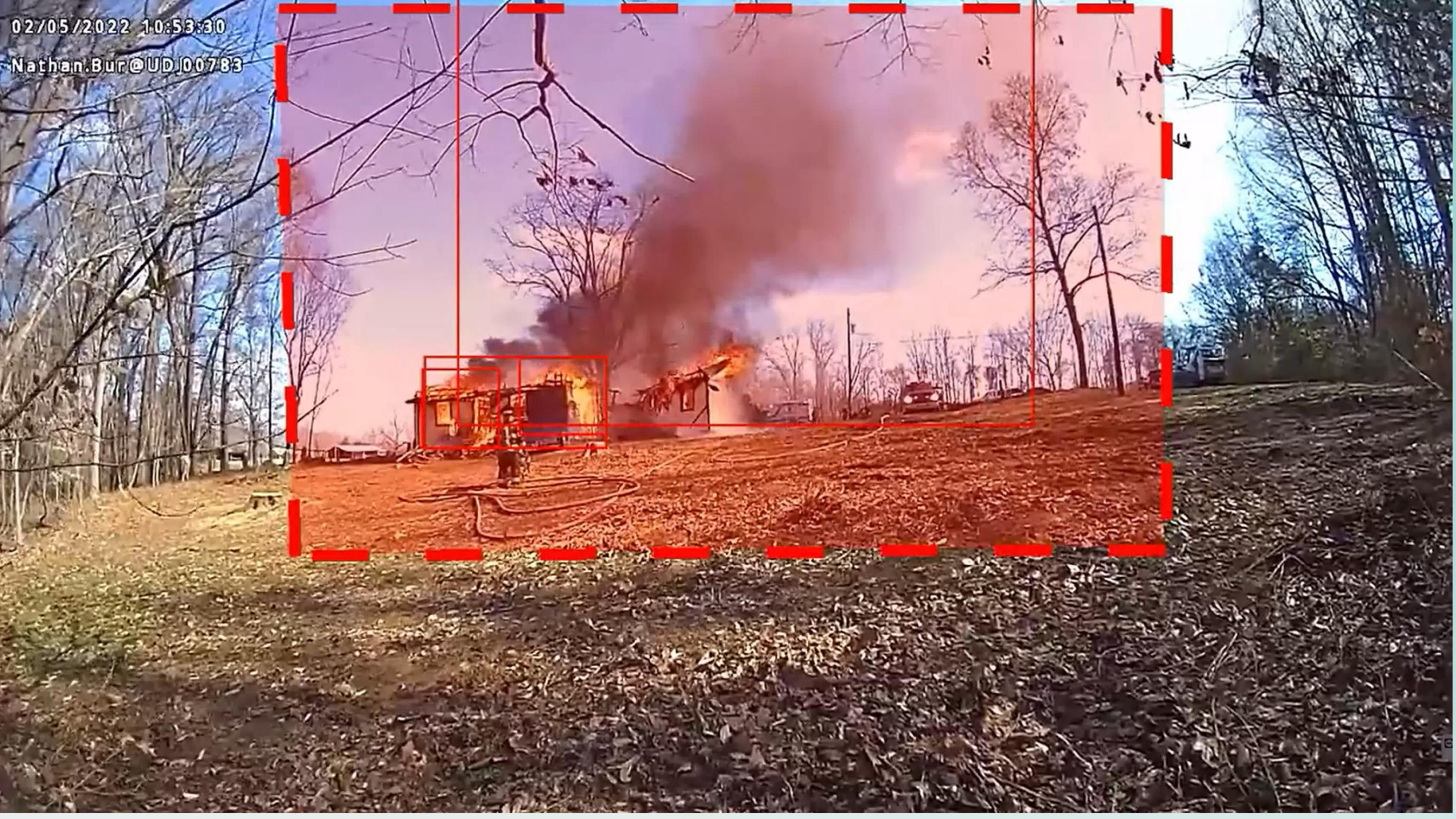
Camera Pedestrian walkways
Date 20-01-2025 20:43:29





02/05/2022 10:53:30

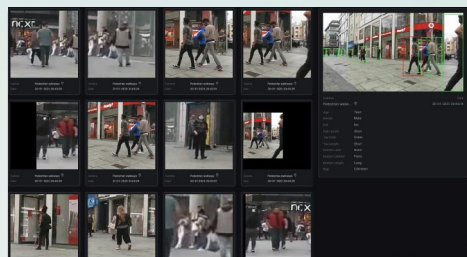
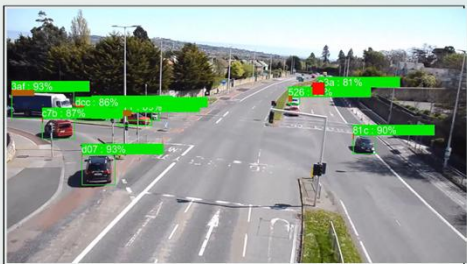
Nathan.Bur@UDJ00783

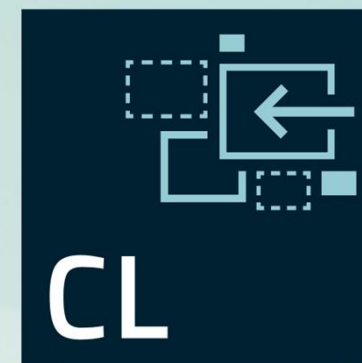
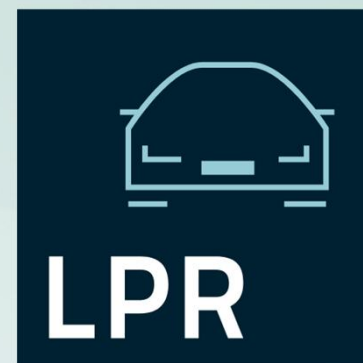




EVA

Object Detector
Smart Search
Gun Detection
Smoke & Fire Detection
Traffic Analytics
Hard Hat Detector
UIC&C Container Identification

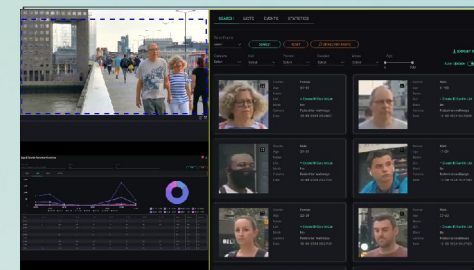
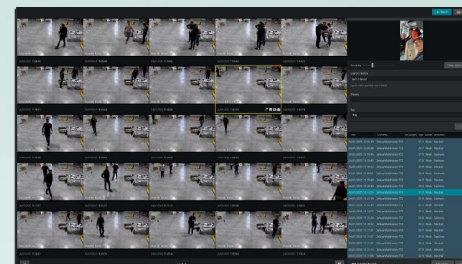




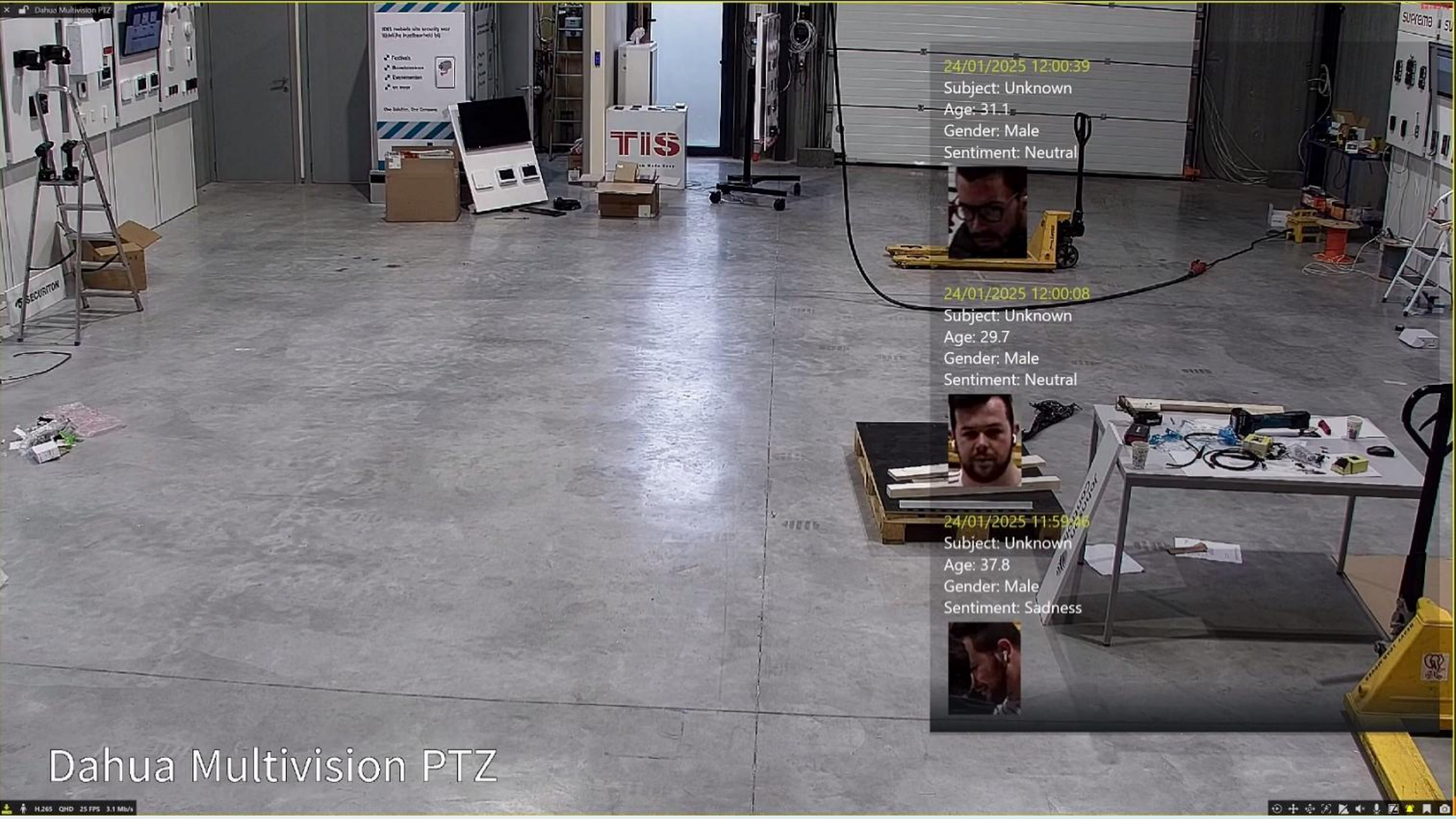


Facial Recognition Age and Gender

- Statistics
- Mask Detection
- Liveliness
- Face blurring in preview mode
- Temporary/Permanent face ID Cards







24/01/2025 12:00:39

Subject: Unknown

Age: 31.1

Gender: Male

Sentiment: Neutral

24/01/2025 12:00:08

Subject: Unknown

Age: 29.7

Gender: Male

Sentiment: Neutral

24/01/2025 11:59:46

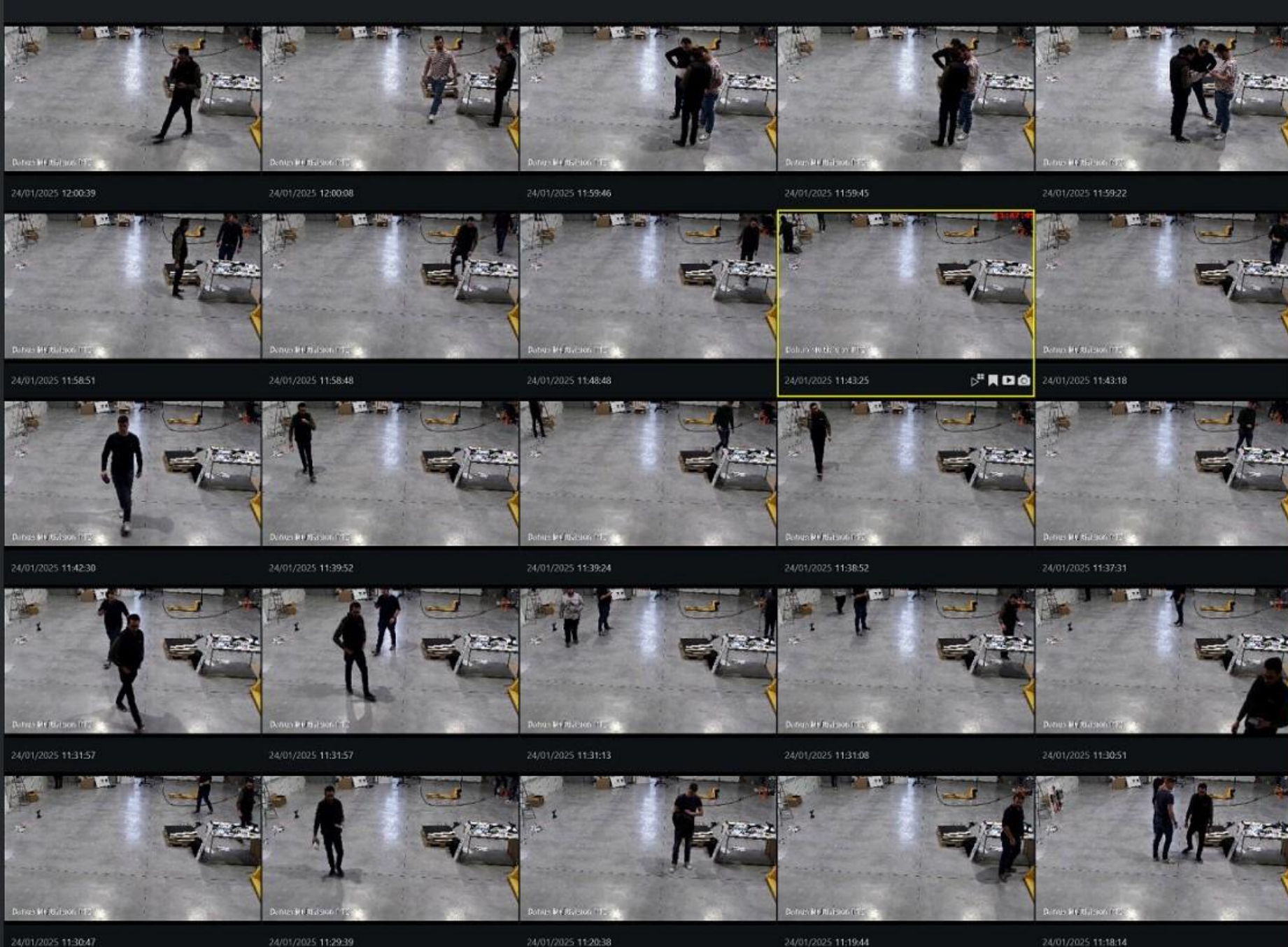
Subject: Unknown

Age: 37.8

Gender: Male

Sentiment: Sadness

Dahua Multivision PTZ



Accuracy

Clear region

X

Search interval

Last 2 day(s)

Search in the specified time interval.

Person

Tag

Any

Search

TIME	CHANNEL	Tag/Subject	Age	Gender	Sentiment
24/01/2025 12:00:39	Dahua Multivision PTZ		31.1	Male	Neutral
24/01/2025 12:00:08	Dahua Multivision PTZ		29.7	Male	Neutral
24/01/2025 11:59:46	Dahua Multivision PTZ		37.9	Male	Sadness
24/01/2025 11:59:45	Dahua Multivision PTZ		37.8	Male	Sadness
24/01/2025 11:59:22	Dahua Multivision PTZ		35.9	Male	Neutral
24/01/2025 11:58:51	Dahua Multivision PTZ		36.0	Male	Sadness
24/01/2025 11:58:48	Dahua Multivision PTZ		34.9	Male	Neutral
24/01/2025 11:48:48	Dahua Multivision PTZ		35.0	Male	Sadness
24/01/2025 11:43:25	Dahua Multivision PTZ		31.3	Male	Neutral
24/01/2025 11:43:18	Dahua Multivision PTZ		31.9	Male	Sadness
24/01/2025 11:42:30	Dahua Multivision PTZ		32.1	Male	Neutral
24/01/2025 11:39:52	Dahua Multivision PTZ		37.1	Male	Neutral
24/01/2025 11:39:24	Dahua Multivision PTZ		33.8	Male	Sadness
24/01/2025 11:38:52	Dahua Multivision PTZ		35.3	Male	Neutral
24/01/2025 11:37:31	Dahua Multivision PTZ		32.7	Male	Neutral
24/01/2025 11:31:57	Dahua Multivision PTZ		37.0	Male	Sadness
24/01/2025 11:31:57	Dahua Multivision PTZ		30.0	Male	Neutral
24/01/2025 11:31:13	Dahua Multivision PTZ		27.9	Male	Neutral
24/01/2025 11:31:08	Dahua Multivision PTZ		33.9	Male	Neutral

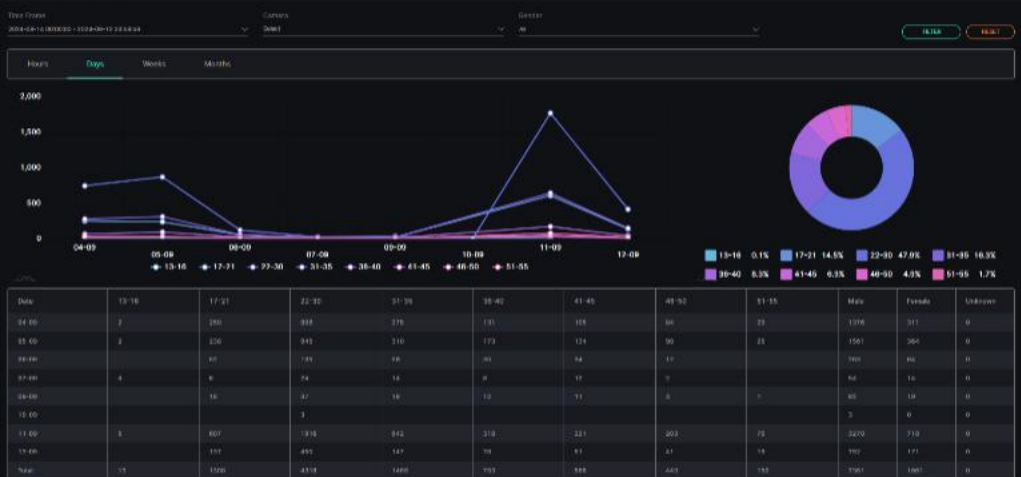
356 event(s) found

Add subject...

Export...



Age & Gender Detection Statistics



SEARCH LISTS EVENTS STATISTICS

Time Frame

Select

SEARCH

RESET

SEARCH BY PHOTO

EXPORT REPORT

Camera

Select

List

Select

Person

Select

Gender

Select

Mask

Select

Age

0

100

Auto Update



Gender: Female
Age: 51-55
Name: [+ Create ID Card in List](#)
List: [+ Create ID Card in List](#)
Mask: No
Camera: Pedestrian walkways
Date: 12-09-2024 20:28:07



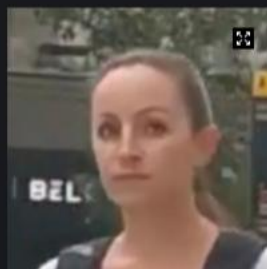
Gender: Male
Age: 51-55
Name: [+ Create ID Card in List](#)
List: [+ Create ID Card in List](#)
Mask: No
Camera: Pedestrian walkways
Date: 12-09-2024 20:28:04



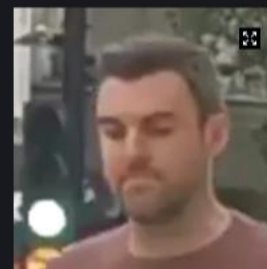
Gender: Male
Age: 31-35
Name: [+ Create ID Card in List](#)
List: [+ Create ID Card in List](#)
Mask: No
Camera: Pedestrian walkways
Date: 12-09-2024 20:27:44



Gender: Male
Age: 17-21
Name: [+ Create ID Card in List](#)
List: [+ Create ID Card in List](#)
Mask: No
Camera: Pedestrian walkways
Date: 12-09-2024 20:27:40



Gender: Female
Age: 22-30
Name: [+ Create ID Card in List](#)
List: [+ Create ID Card in List](#)
Mask: No
Camera: Pedestrian walkways
Date: 12-09-2024 20:27:29

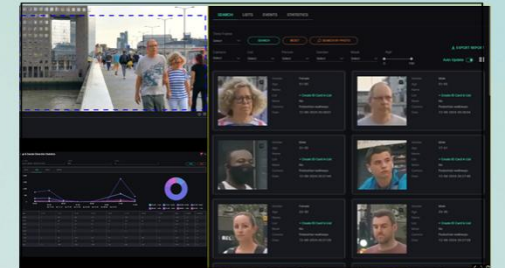
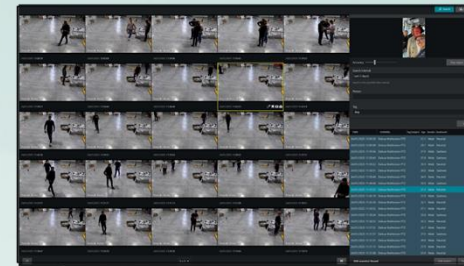


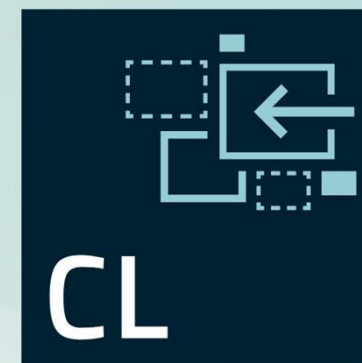
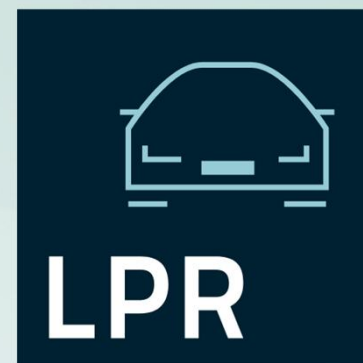
Gender: Male
Age: 22-30
Name: [+ Create ID Card in List](#)
List: [+ Create ID Card in List](#)
Mask: No
Camera: Pedestrian walkways
Date: 12-09-2024 20:27:29



Facial Recognition Age and Gender

- Statistics
- Mask Detection
- Liveliness
- Face blurring in preview mode
- Temporary/Permanent face ID Cards

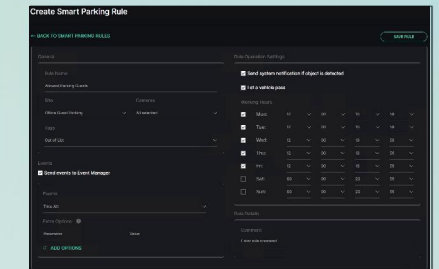
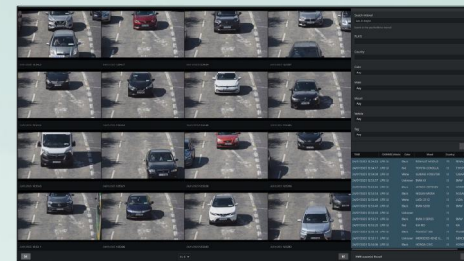
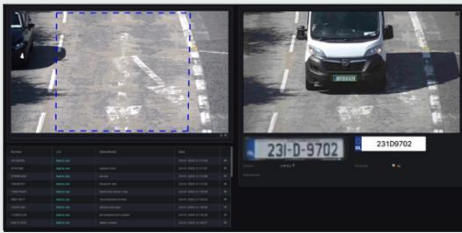






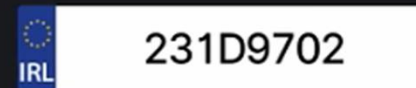
License Plate Recognition Smart Parking

- Statistics
- 99+% recognition rate
- Over 100 countries
- Make, model, color, direction
- Temporary/Permanent list building





Number	List	Make/Model	Date	
231D9702	Add to List		23-01-2025 21:17:29	👁
70Y295	Add to List	HONDA CIVIC	23-01-2025 21:17:07	👁
7WW2404	Add to List	KIA RIO	23-01-2025 21:17:06	👁
0D38707	Add to List	PEUGEOT 308	23-01-2025 21:17:02	👁
92D15647	Add to List	MERCEDES-BENZ X166	23-01-2025 21:16:58	👁
6D71917	Add to List	VOLKSWAGEN VOYAGE	23-01-2025 21:16:53	👁
62OY249	Add to List	NISSAN QASHQAI	23-01-2025 21:16:50	👁
72KE3128	Add to List	MITSUBISHI OUTLANDER	23-01-2025 21:16:29	👁
4D121025	Add to List	BMW 5 SERIES	23-01-2025 21:16:27	👁



Camera

LPR EU 📍

Attributes



Make/Model



23/01/2025 21:24:51

PLATE: 231D9702

Country: IE

231-D-9702

23/01/2025 21:24:29

PLATE: 07OY295

Country: IE

07-OY-295

23/01/2025 21:24:29

PLATE: 07WW2404

Country: IE

07-WW-2404

23/01/2025 21:24:25

PLATE: 10D38707

Country: IE

10-D-38707

23/01/2025 21:24:21

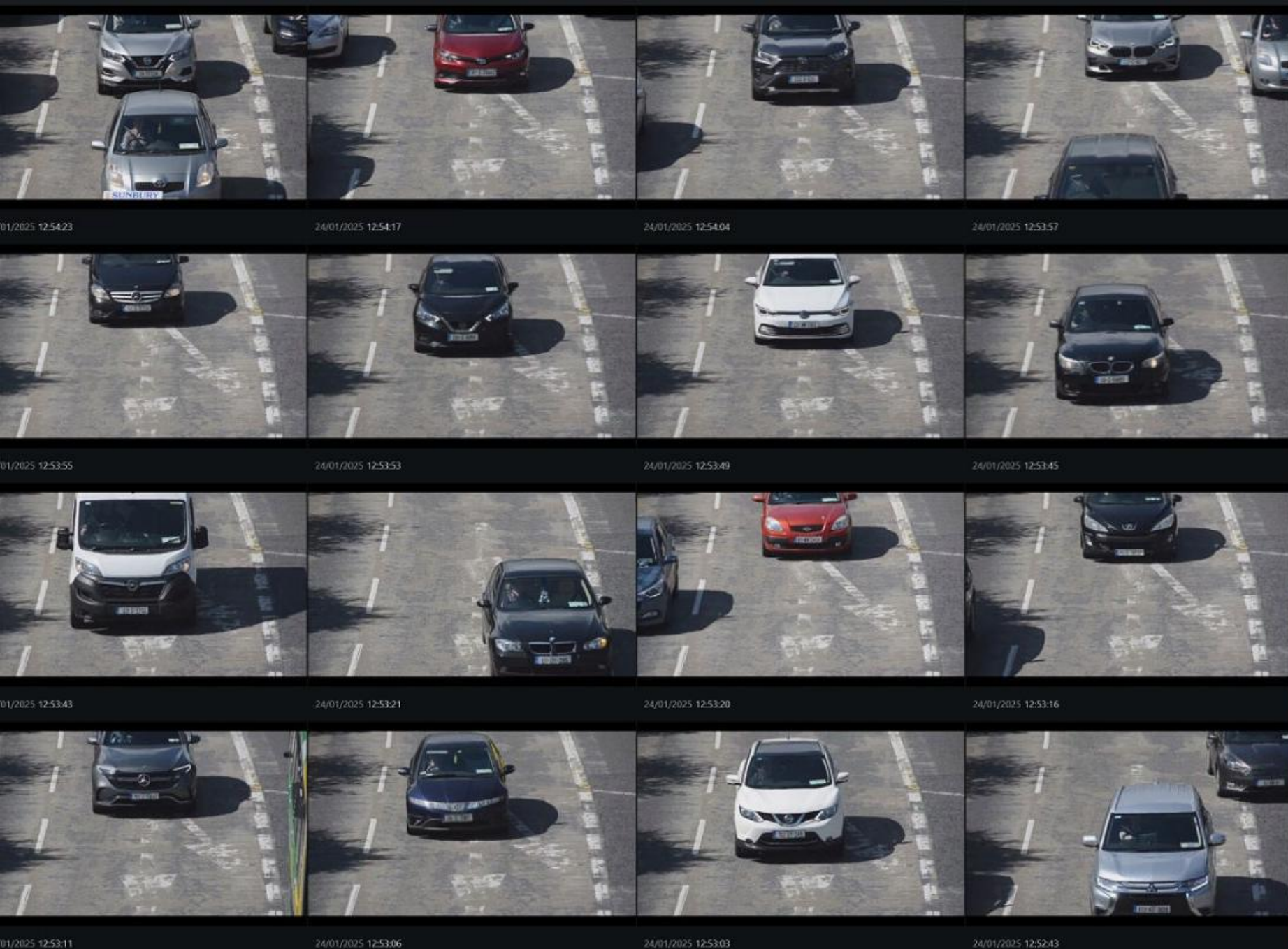
PLATE: 192D15647

Country: IE

192-D-15647

23/01/2025 21:24:15

PLATE: 06D71917



Search interval					
Last 2 day(s)					
Search in the specified time interval.					
PLATE					
Country					
Color					
Any					
Make					
Any					
Model					
Any					
Vehicle					
Any					
Tag					
Any					
Search					
TIME	CHANNEL/Vehicle	Color	Model	Country	Make
24/01/2025 12:54:23	LPR EU	Black	RENAULT MODUS	FR	RENAULT
24/01/2025 12:54:17	LPR EU	Red	TOYOTA COROLLA	IE	TOYOTA
24/01/2025 12:54:04	LPR EU	White	SUBARU FORESTER	IE	SUBARU
24/01/2025 12:53:57	LPR EU	Unknown	BMW X1	IE	BMW
24/01/2025 12:53:55	LPR EU	Black	HONDA ODYSSEY	IE	HONDA
24/01/2025 12:53:53	LPR EU	Black	NISSAN MICRA	IE	NISSAN
24/01/2025 12:53:49	LPR EU	White	LADA 2112	IE	LADA
24/01/2025 12:53:45	LPR EU	Black	BMW 520D	IE	BMW
24/01/2025 12:53:43	LPR EU	Unknown		IE	
24/01/2025 12:53:21	LPR EU	Black	BMW 3 SERIES	IE	BMW
24/01/2025 12:53:20	LPR EU	Red	KIA RIO	IE	KIA
24/01/2025 12:53:16	LPR EU	Black	PEUGEOT 308	IE	PEUGEOT
24/01/2025 12:53:11	LPR EU	Unknown	MERCEDES-BENZ GL...	IE	MERCEDES-BENZ
24/01/2025 12:53:06	LPR EU	Black	HONDA CIVIC	IE	HONDA

Create Smart Parking Rule

[← BACK TO SMART PARKING RULES](#)

[SAVE RULE](#)

General

Rule Name

Allowed Parking Guests

Site

Office Guest Parking



Cameras

All selected



Tags

Out of List



Events

☒ Send events to Event Manager

Events

Time Att



Extra Options

Rule Operation Settings

☒ Send system notification if object is detected

☒ Let a vehicle pass

Working Hours

<input checked="" type="checkbox"/>	Mon:	12	▼	00	▼	18	▼	59	▼
<input checked="" type="checkbox"/>	Tue:	12	▼	00	▼	18	▼	59	▼
<input checked="" type="checkbox"/>	Wed:	12	▼	00	▼	18	▼	59	▼
<input checked="" type="checkbox"/>	Thu:	12	▼	00	▼	18	▼	59	▼
<input checked="" type="checkbox"/>	Fri:	12	▼	00	▼	18	▼	59	▼
<input type="checkbox"/>	Sat:	00	▼	00	▼	23	▼	59	▼
<input type="checkbox"/>	Sun:	00	▼	00	▼	23	▼	59	▼

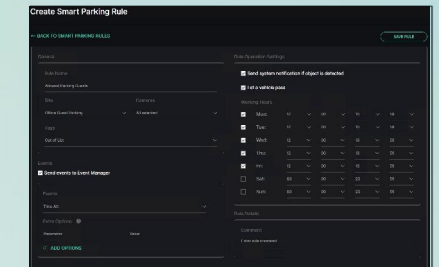
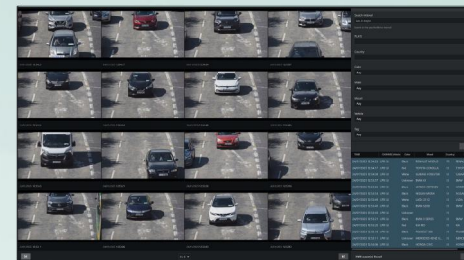
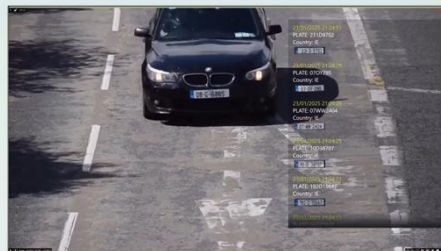
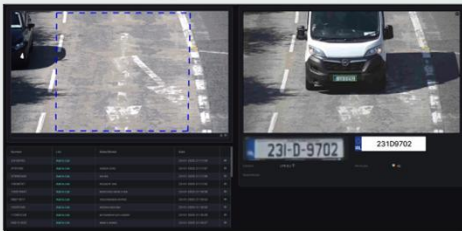
Rule Details

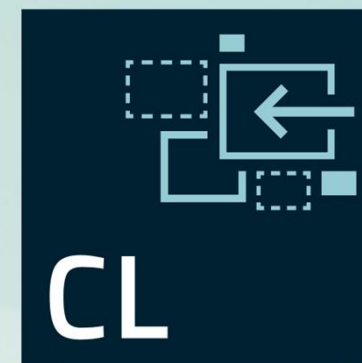
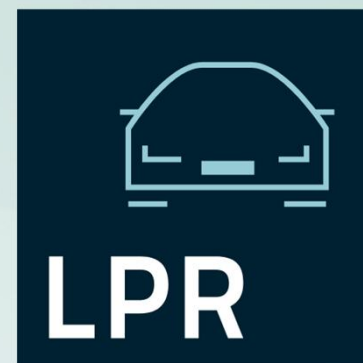
Comment

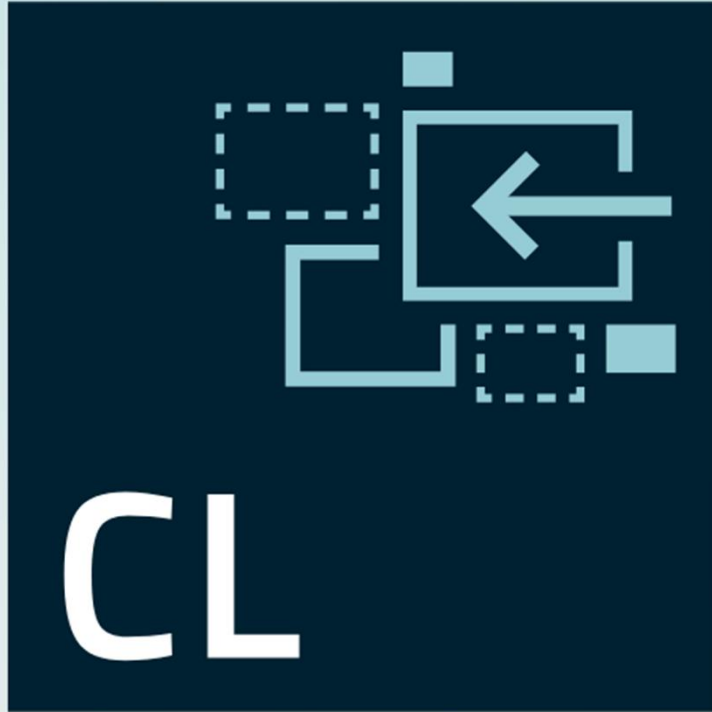


License Plate Recognition Smart Parking

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- Temporary/Permanent list building

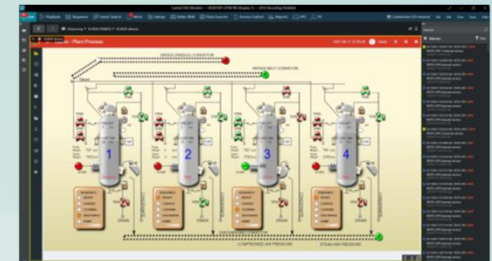
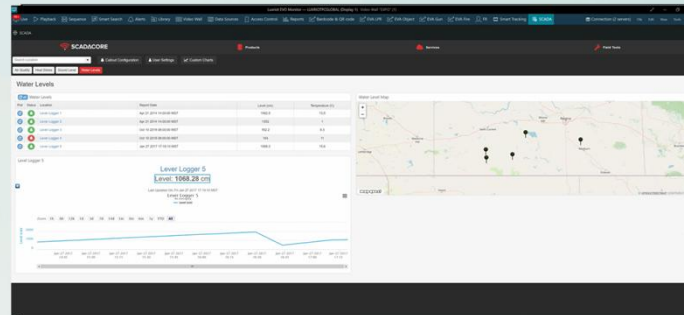
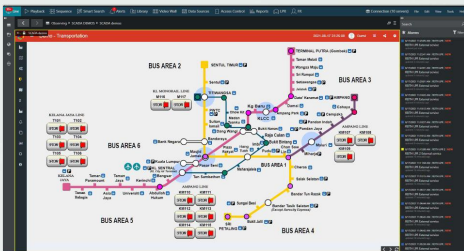




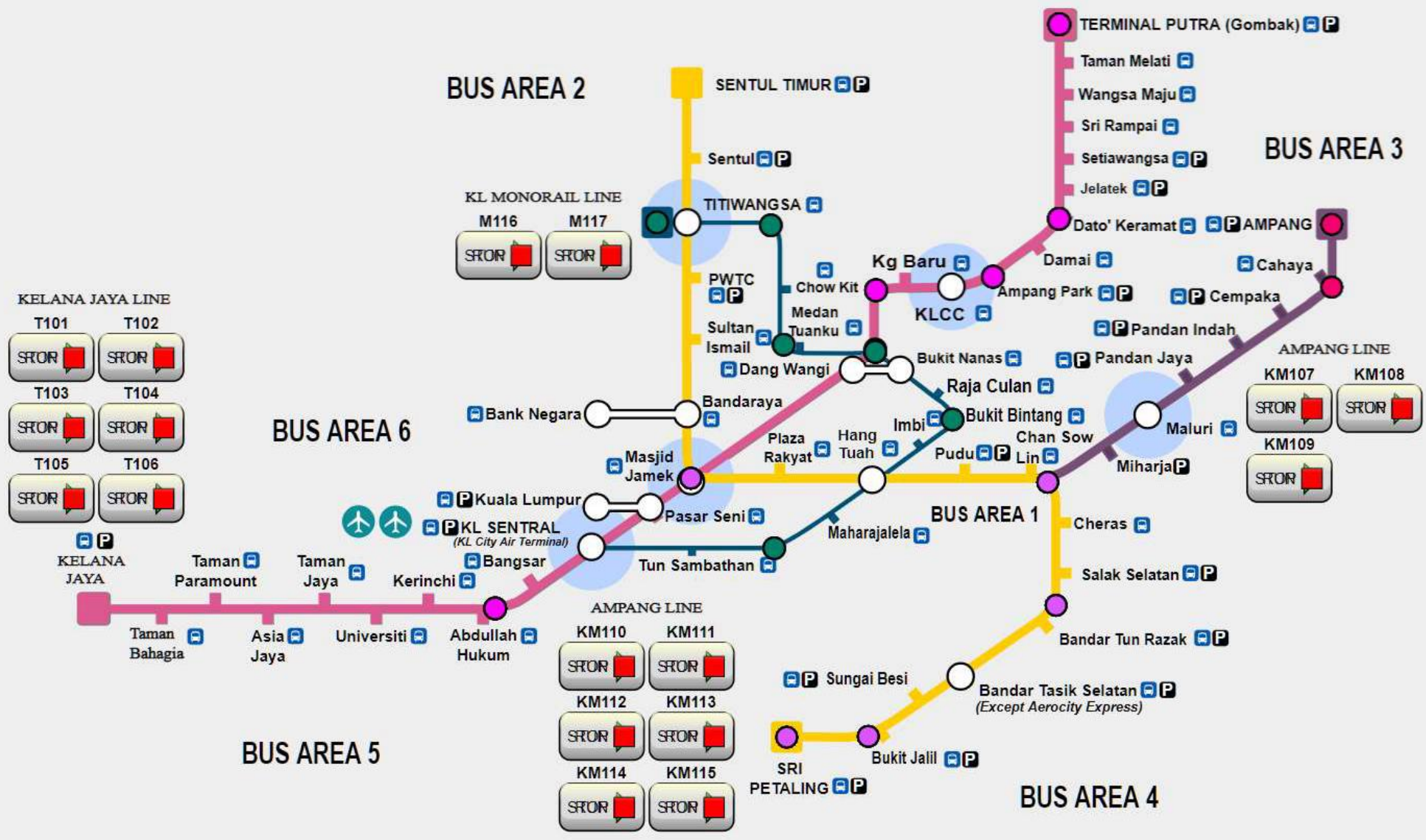


CrossLinks

- Import and control any 3rd party app
- Dashboards and external systems
- Control, send and receive events
- Integration with E&A rules engine
- Fully interactive!



- 8/17/2021 11:25:05 AM | REITH LPR External service updated just now
- 8/17/2021 11:22:41 AM | REITH LPR External service updated 3 minute(s) ago
- 8/17/2021 11:22:01 AM | REITH LPR External service updated 3 minute(s) ago
- 8/17/2021 11:20:01 AM | REITH LPR External service updated 5 minute(s) ago
- 8/17/2021 11:19:22 AM | REITH LPR External service updated 6 minute(s) ago
- 8/17/2021 11:19:13 AM | REITH LPR External service updated 6 minute(s) ago
- 8/17/2021 11:18:57 AM | REITH LPR External service updated 7 minute(s) ago
- 8/17/2021 11:16:12 AM | REITH LPR External service updated 9 minute(s) ago
- 8/17/2021 11:15:08 AM | REITH LPR 2 External service updated 10 minute(s) ago
- 8/17/2021 11:11:58 AM | REITH LPR External service updated 14 minute(s) ago
- 8/17/2021 11:10:15 AM | REITH LPR External service updated 15 minute(s) ago
- 8/17/2021 11:08:37 AM | REITH LPR External service updated 17 minute(s) ago
- 8/17/2021 11:06:44 AM | REITH LPR External service updated 19 minute(s) ago
- 8/17/2021 11:06:43 AM | REITH LPR External service updated 19 minute(s) ago
- 8/17/2021 11:06:42 AM | REITH LPR External service updated 19 minute(s) ago
- 8/17/2021 11:05:50 AM | REITH LPR External service updated 20 minute(s) ago



Observing ▶ SCADA DEMOS ▶ SCADA demos

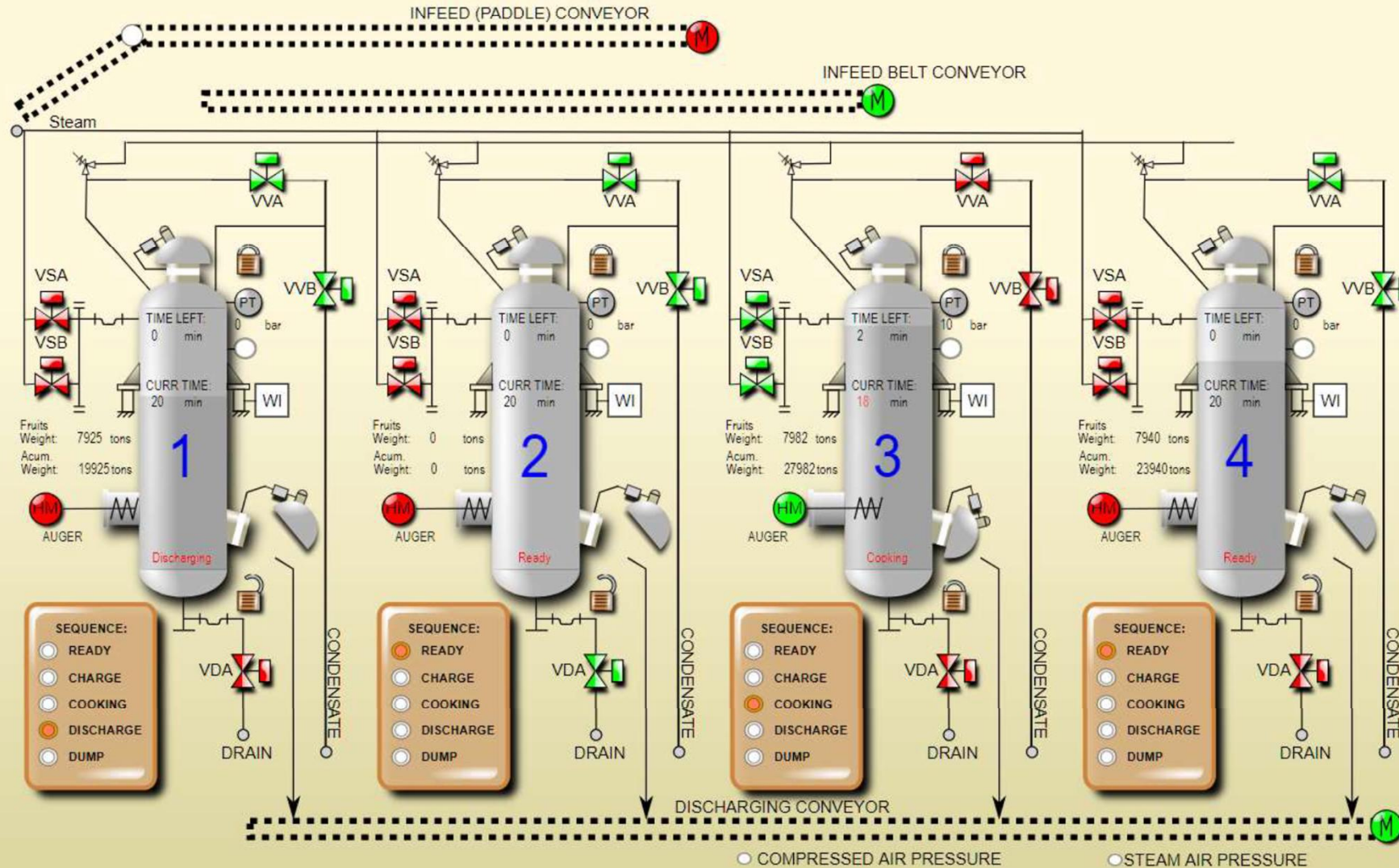
SCADA demos
Demo - Plant Process

2021-08-17 22:30:26

Guest

Alarms

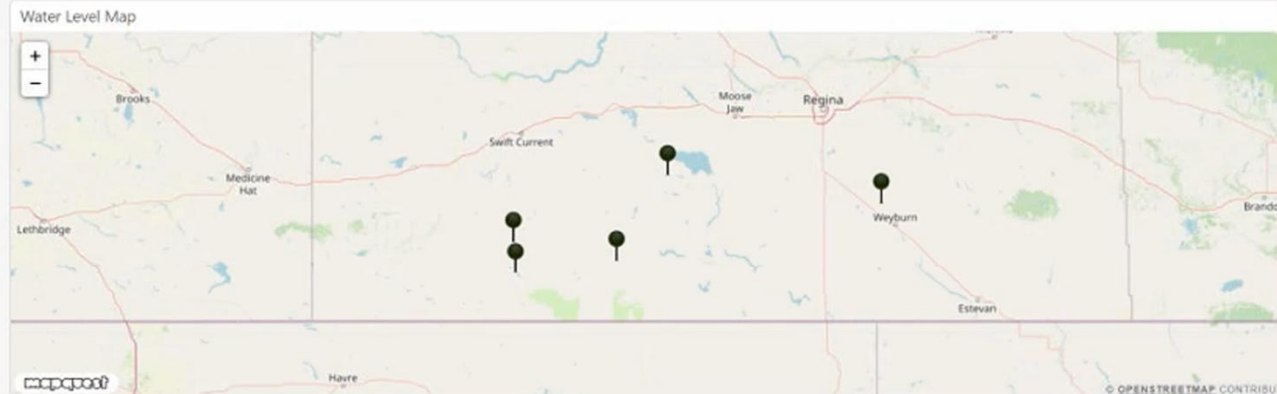
- 8/17/2021 10:29:07 AM | REITH LPR 2 | NEW
REITH LPR 2 External service
updated 1 minute(s) ago
- 8/17/2021 10:29:00 AM | REITH LPR | NEW
REITH LPR External service
updated 1 minute(s) ago
- 8/17/2021 10:25:20 AM | REITH LPR | NEW
REITH LPR External service
updated 4 minute(s) ago
- 8/17/2021 10:24:34 AM | REITH LPR | NEW
REITH LPR External service
updated 5 minute(s) ago
- 8/17/2021 10:22:29 AM | REITH LPR | NEW
REITH LPR External service
updated 7 minute(s) ago
- 8/17/2021 10:21:20 AM | REITH LPR | NEW
REITH LPR External service
updated 8 minute(s) ago
- 8/17/2021 10:20:19 AM | REITH LPR 2 | NEW
REITH LPR 2 External service
updated 9 minute(s) ago
- 8/17/2021 10:19:08 AM | REITH LPR | NEW
REITH LPR External service
updated 11 minute(s) ago
- 8/17/2021 10:14:24 AM | REITH LPR | NEW
REITH LPR External service
updated 15 minute(s) ago
- 8/17/2021 10:13:12 AM | REITH LPR | NEW
REITH LPR External service
updated 17 minute(s) ago
- 8/17/2021 10:12:50 AM | REITH LPR | NEW
REITH LPR External service
updated 17 minute(s) ago
- 8/17/2021 10:12:00 AM | REITH LPR | NEW
REITH LPR External service
updated 18 minute(s) ago
- 8/17/2021 10:11:59 AM | REITH LPR | NEW
REITH LPR External service
updated 18 minute(s) ago
- 8/17/2021 10:11:10 AM | REITH LPR | NEW
REITH LPR External service
updated 19 minute(s) ago
- 8/17/2021 10:09:19 AM | REITH LPR | NEW
REITH LPR External service
updated 20 minute(s) ago
- 8/17/2021 10:07:18 AM | REITH LPR | NEW
REITH LPR External service
updated 22 minute(s) ago

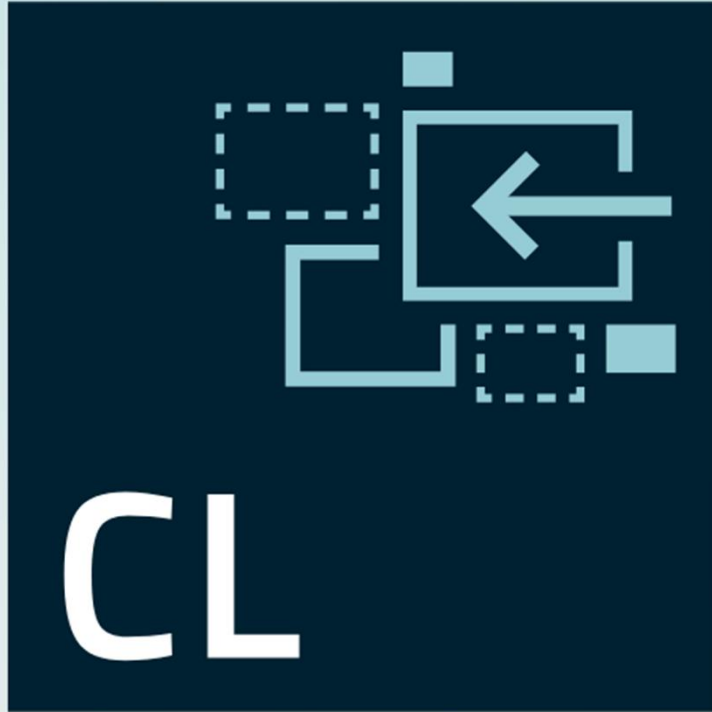


Water Levels

Status	Location	Report Date	Level (cm)	Temperature (C)
	Lever Logger 1	Apr 21 2014 14:00:00 MST	1062.5	13.5
	Lever Logger 2	Apr 21 2014 14:00:00 MST	1352	1
	Lever Logger 3	Oct 10 2018 08:00:00 MST	162.2	9.3
	Lever Logger 4	Oct 10 2018 08:00:00 MST	104	11
	Lever Logger 5	Jan 27 2017 17:19:10 MST	1068.3	15.6

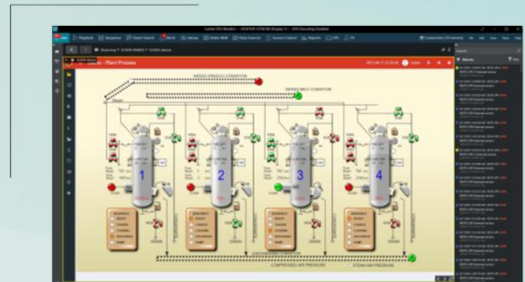
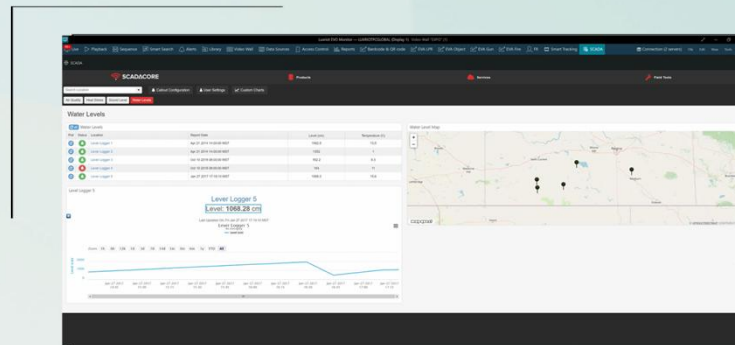
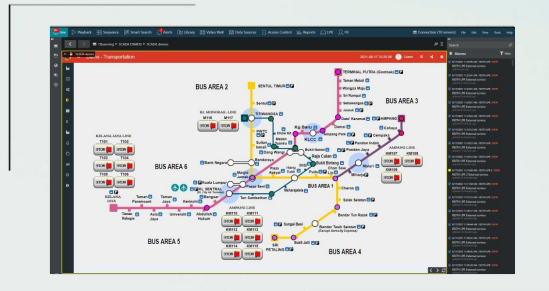
Lever Logger 5

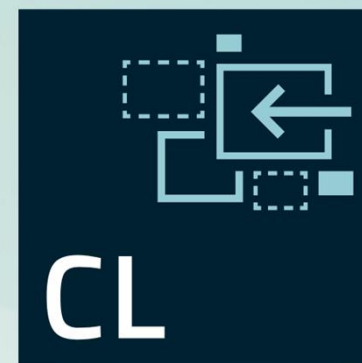
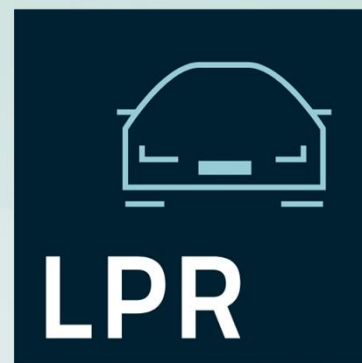




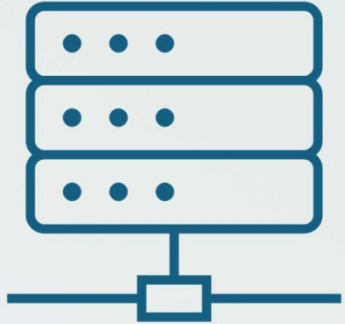
CrossLinks

- Statistics
- 99+% recognition rate
- Over 100 countries
- Make, model, color, direction
- Temporary/Permanent list building



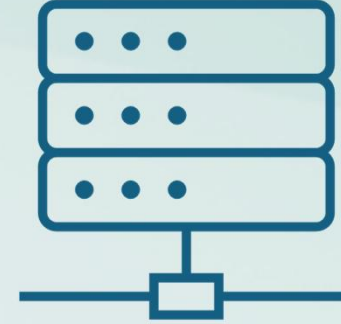


Typical “Blind” Servers



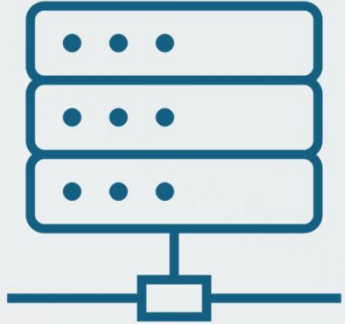
24 cameras

CPU: Intel Celeron N5095A
RAM: 10 GB



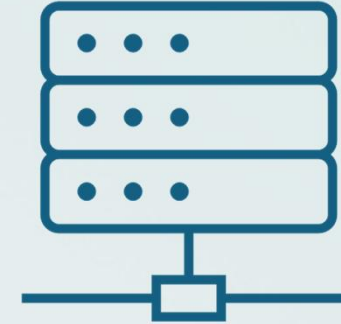
64 cameras

CPU: Intel Pentium G7400
RAM: 11 GB



200 cameras

CPU: Intel Core i5-12400
RAM: 13 GB



350 cameras

CPU: Intel Core i7-12700
RAM: 16 GB



Typical “Blind” Clients



24 cameras

CPU: Intel Celeron N5095A
RAM: 4 GB + RAM for OS
GPU: Intel UHD Graphics



64 cameras

CPU: Intel Pentium G7400
RAM: 6 GB + RAM for OS
GPU: Intel UHD Graphics



200 cameras

CPU: Intel Core i5-12400
RAM: 6 GB + RAM for OS
GPU: Intel UHD Graphics 730
and NVIDIA GT1030, 2Gb RAM



350 cameras

CPU: Intel Core i7-12700
RAM: 8 GB + RAM for OS
GPU: NVIDIA GT1030, 2Gb
Or better

Licensing made easy!

One channel (active camera connection) requires one channel license

No extra server or client connection licenses required

One-time fixed price for the perpetual channel license

The license includes everything, no hidden charges

No-pressure flexible and affordable Support and Update Plans

That simple. All inclusive

How are we different?

- Strong enterprise and distributed system management
- Streamlined data protection and cyber security
- Powerful user, access rights and audit management
- Comprehensive system automation (E&A) and reporting tools
- Focus on metadata management and inter-system interaction
- Flexible with interface customization + operator workflow support
- Leading performance – CPU and GPU friendly, fast archive



But wait, there's more!

- **Evo** Mobile, iOS and Web clients – work from anywhere
- **Reports** – inbuilt powerful tool for fully customizable reports
- **Fleet tracking and geo-reference** – track your fleet in real time
- **User buttons** – execute your custom scenarios by a simple click
- **Camera portals** – easy way to navigate through your site views
- **Data Channels** – import any text data and make it actionable
- **QR Code and Barcode Reader** – trace the untraceable
- **MQTT** Integration – receive data and control any IoT device
- **SMS** – Receive and send SMS + E&A integration
- **Powerful HTTP API** and SDK – easy 3rd party integration

Evo Latest Features

- **Folders** for server administration (access management, replaced organizations)
- **Video Cloud Sharing** via a link
- **RTSP Server** for video streaming from Evo server to any destination
- **Smart Replication** based on events (E&A Alerts)
- Added **relative search intervals** in the Monitor
- Allowed **Alarm Panel** in all tabs
- Added user buttons to the **alarm thumbnail preview** in the Alarms tab
- Added **resource icons** for Visual Groups, Crosslink, Channels and User Buttons
- Added a possibility to **make support calls** from Monitor
- Custom configuration of the **ONVIF Notification messages** for generic events

2004

2004

2025

2025

Smart Data Control Hub for the Luxriot Evo ecosystem



Oversees and manages **multiple Evo instances** – Evo S, Global or their combinations

- An ultimate tool to create fully customizable Command & Control interfaces and dashboards
- Enables limitless E&A logic scripting
- Easy interfacing with Node-RED and Zabbix



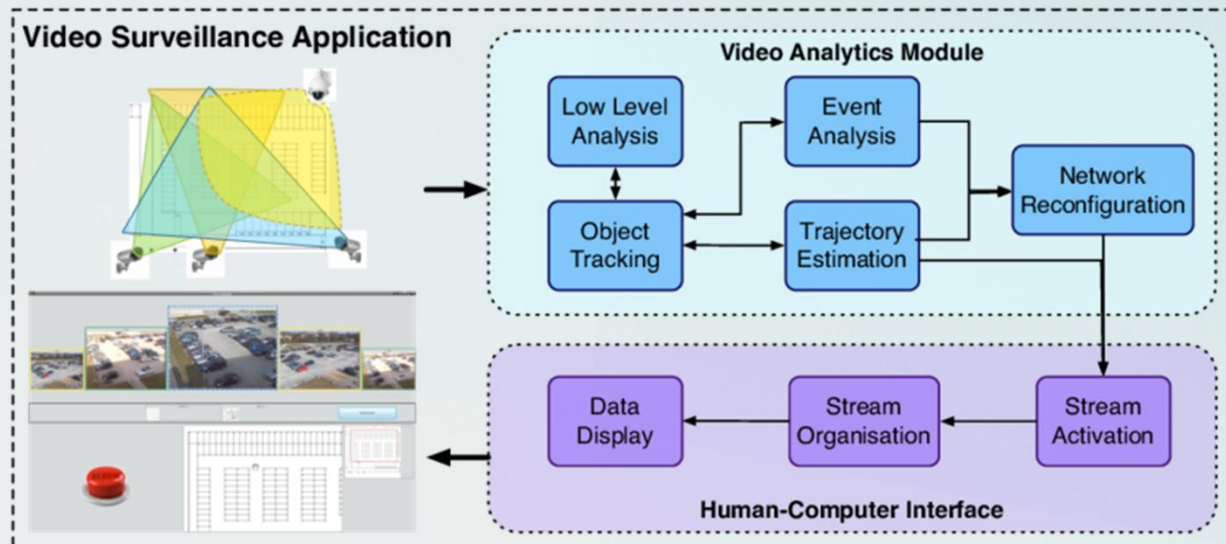
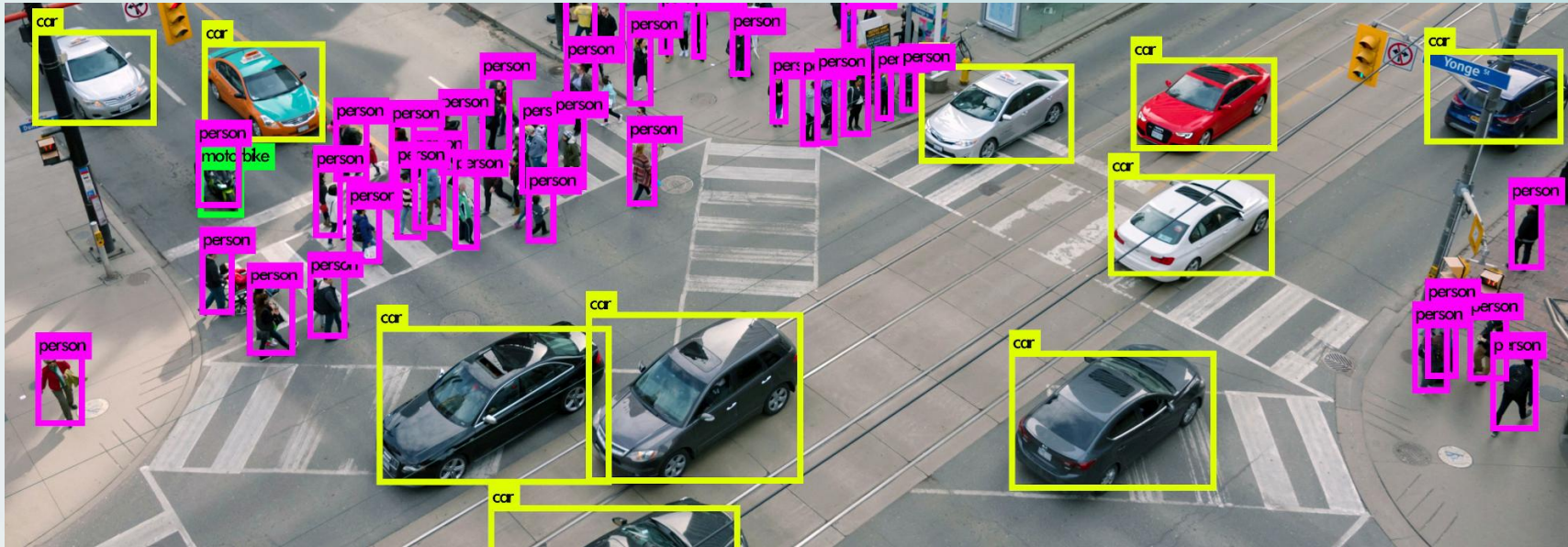
Case Management



Store and organize video recordings, snapshots, and documents for each case
in one place

- Filter evidence by file type, case ID, location, or user-defined parameters
- Time-filtered search for locating evidence tied to specific incidents
- Bookmark important moments in live footage and save them as tagged evidence files
- Secure encryption for sensitive files, ensuring data is protected at every stage
- Link multiple pieces of evidence to a specific case event for easier navigation

New Analytical Modules



New Generation AI LLM Analytics



Unlock advanced AI video analytics with almost **limitless LLM powered** event search

Natural Language Search - Find events effortlessly by typing queries in plain language (e.g., "Find all cars entering after 6 PM")

AI-Driven Analytics: Move beyond standard video analytics—let AI interpret and analyze complex scenarios

Custom Event Creation: Define and create custom events using natural language commands for tailored monitoring

Enhanced Flexibility: Search across vast data sets without predefined filters or rigid rules



Smart Gateways



A **new generation** of “cloud connector” technology

- Enables easy connections between all Evo ecosystem components without port forwarding or cloud restreaming
- Direct-to-Gateway plugin for cameras with Gateway Container. For a Cloud Gateway it will make a direct-to-cloud camera, but it can also work with any other Gateway – a way more versatile technology



Luxriot®

Video and Data Management System

Check your Luxriot pen for a ready-to-use **demo kit!**

Contact us anytime:

eu@luxriot.com