



# We empower the private security industry with next-gen AI solutions

The Leading Real-Time Physical Threat Detection Solution

[www.scylla.ai](http://www.scylla.ai)

# About Scylla



[watch the video](#)

Scylla is a real-time physical threat detection solution. We utilize AI and computer vision to detect objects, actions and behavior anomalies.

Scylla makes the camera surveillance environment real-time, **proactive** instead of **reactive**.

# Our Mission

The background of the slide features a close-up, slightly out-of-focus image of a black security camera. The camera is mounted on a bracket. A semi-transparent blue rectangular overlay covers the top-left portion of the image, serving as a backdrop for the title. The overall color palette is dark and monochromatic, with the blue overlay providing a point of contrast.

At Scylla, our mission is to empower the private security industry with next-gen AI solutions. And with every new product in mind, we strive to make safety more accessible to those who could not afford it otherwise.



# Our Team



[watch the video](#)

Scylla is laser focused to use advanced AI powered video analytics to protect human life.

With the power of AI comes the responsibility to use these capabilities wisely and ethically. Scylla has consciously made training, product design and marketing decisions that ensure that our AI is used in accordance with our mission and ethics.

# Industries

**We have developed a variety of powerful suites to best cater to the needs of industries we serve.**

COVID-19 Compliance Solution →

Retail Suite →

Industrial Safety →

Physical Security →

Workplace Safety →

School Security →

Access Control Solution →



Check out our [case studies](#) to learn how Scylla was used by different businesses.



# COVID-19 Compliance Solution

Scylla COVID-19 Compliance Solution is the all-in-one AI-powered system that helps you implement the required protective measures and maintain safety at work.

USC Verdugo  
Hills Hospital  
Keck Medicine of USC

DAIMLER

CCSD  
CLARK COUNTY  
SCHOOL DISTRICT



Muscat International Airport  
Gateway To Beauty & Opportunity

legrand®

# COVID-19 Compliance Suite

## Powerful features:

- Thermal screening
- Face mask usage
- Social distancing
- Occupancy counting
- Contact tracing and more

## Tailor-made for:



Airports and heavy traffic areas



Education



Healthcare



Manufacturing plants



# Retail Suite

With Scylla, retailers can now leverage AI and video surveillance technology to optimize their security systems, operational costs, and even marketing efforts.

Scylla Retail Suite exclusively includes the next-gen AI tool that collects data on your customer roadmap, service time and popular products for effective merchandise planning and retail traffic analysis.



# Retail Suite

## Powerful features:

- Weapon detection
- Active shooter tracking in real-time
- Parking area safety
- Detection of suspicious behavior that can result in shoplifting
- Heatmaps for smarter merchandize planning
- COVID-19 protective measures (including thermal screening, social distancing monitoring, face mask usage detection, real-time people counting and contact tracing)

## Tailor-made for:



Shopping malls



Supermarkets



Retail stores

# Industrial Safety

Scylla Industrial Safety Suite is tailor-made to warn of developing high-impact threats before they escalate and help protect your assets, operations and staff.

Scylla AI video analytics can also effectively work on drone cameras, which is particularly important for locations that are remote or hard to access.



# Industrial Safety

## Powerful features:

- Personal protective equipment detection
- Parking area safety
- Smoke & fire detection
- Perimeter intrusion detection
- COVID-19 protective measures (including thermal screening, social distancing monitoring, face mask usage detection, real-time people counting and contact tracing)

## Tailor-made for:



Manufacturing plants



Oil & Gas industry

# Physical Security

Scylla Physical Security suite uniquely combines features to provide all-round safety at your premises.

DAIMLER

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SCHOOL DISTRICT



Muscat International Airport  
Gateway To Beauty & Opportunity

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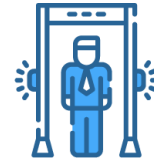


# Physical Security

## Powerful features:

- Weapon detection
- Fight detection
- Intrusion detection
- Loitering detection
- Parking area safety
- False alarm filtering and more

## Tailor-made for:



Security integrators



Law enforcement



Events



# Healthcare Security

Providing safety to patients, visitors and staff is a challenging task given all the threats that need to be addressed. With this in mind, we've developed an all-in-one physical security suite that ticks all the boxes.

It's the go-to solution for hospitals, senior living and nursing homes looking to give peace of mind and confidence to their staff and guests.



# Healthcare Security

## Powerful features:

- Intrusion detection
- Weapon detection
- Active shooter tracking in real-time
- Parking area safety
- COVID-19 protective measures (including thermal screening, social distancing monitoring, face mask usage detection, real-time people counting and contact tracing)

## Tailor-made for:



Hospitals



Senior living



Nursing homes

# School Security

Providing safety to students, faculty and staff is a challenging task given all the threats that need to be addressed. Even the most efficient school security teams cannot prevent security hazards like school shootings without an effective threat detection and response mechanism.

We understand the need for a powerful weapon detection and active shooter tracking system. Therefore, Scylla School Security includes AI-powered technology used to detect, identify and track suspects in real-time based on their appearance, even after the weapon has been hidden.



# School Security

## Powerful features:

- Weapon detection
- Active shooter tracking in real-time
- Parking area safety
- Fight detection
- Intrusion detection
- COVID-19 protective measures (including thermal screening, social distancing monitoring, face mask usage detection, real-time people counting and contact tracing)

## Tailor-made for:



Schools & educational establishments

# Stadium Security

We've developed an all-in-one suite for sports arenas and events looking to give peace of mind and confidence to staff and visitors of sports arenas and sports events.



# Stadium Security

## Powerful features:

- Intrusion detection
- Weapon detection
- Active shooter tracking in real-time
- Parking area safety
- Missing children detection
- Fight detection
- COVID-19 protective measures (including thermal screening, social distancing monitoring, face mask usage detection, real-time people counting and contact tracing)

## Tailor-made for:



Sports facilities



Sports events



# Fairs & Tradeshows

Providing safety at fairs and exhibitions is a major challenge since they tend to be overly crowded with hundreds of visitors.

Given all the threats that need to be addressed, we've developed an all-in-one physical security suite which will help to secure the venue, and provide safety to visitors and exhibitors.

IowaStateFair

# Fairs & Tradeshows

## Powerful features:

- Weapon detection and active shooter tracking in real-time
- Parking area safety
- Missing children detection
- Fight detection
- Face recognition
- COVID-19 protective measures (including thermal screening, social distancing monitoring, face mask usage detection, real-time people counting and contact tracing)

## Tailor-made for:



Fairs



Tradeshows



Events

# Our Solutions

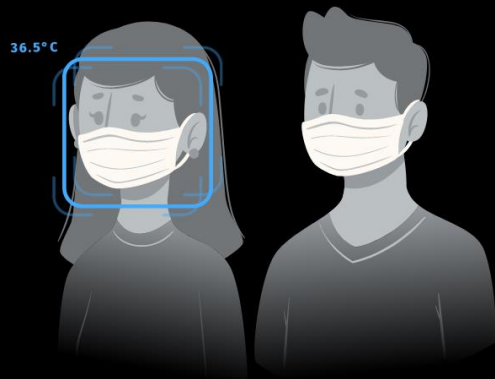
Scylla software is more like Netflix rather than a simple DVD-player. It comes not only with conventional functionality, but also connects with your video feed and runs smart AI video analytics that is always upgraded and enriched with new features.

We augment your existing security infrastructure with [next-gen AI solutions](#) to minimize costs, avoid human-factor errors and provide new tools to boost security and operational effectiveness.

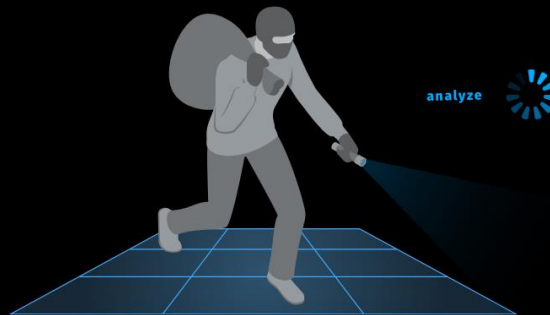




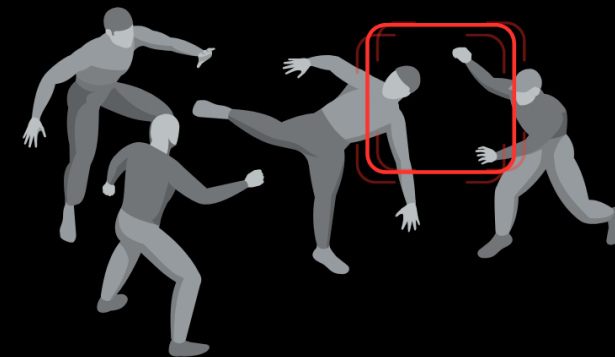
Object Detection



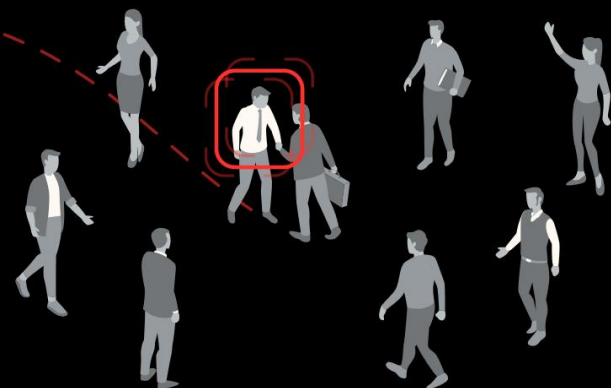
Thermal Screening



Intrusion Detection & Perimeter Protection



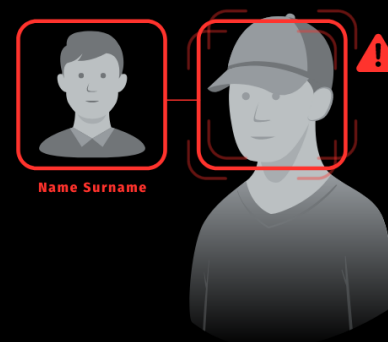
Anomaly Detection & Behavior Recognition



Object Tracking



Person Search



Face Recognition



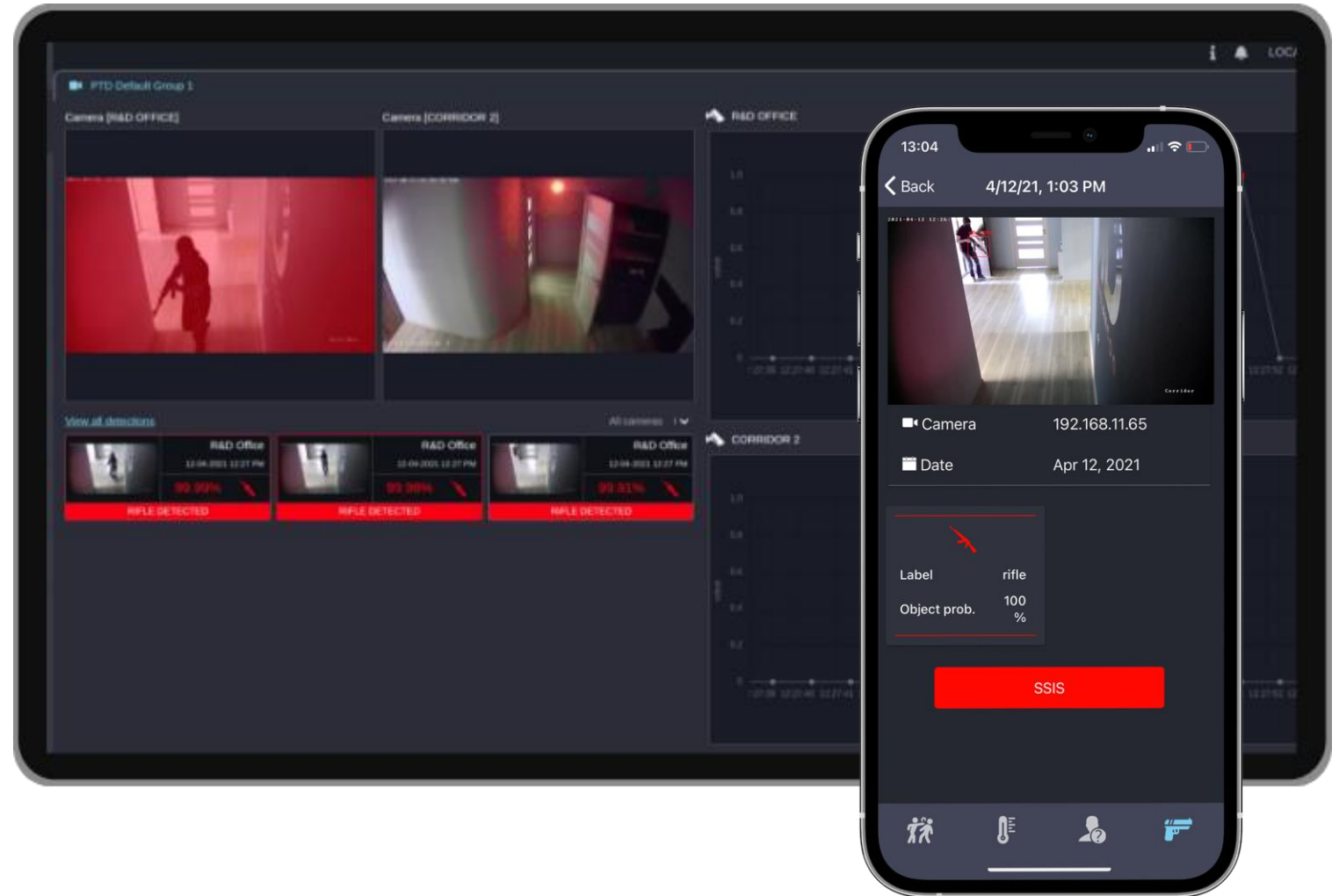
Drone Security

# What Scylla Does

## Proprietary Technology:

- **Detect**
- **Analyze**
- **Identify**
- **Notify in seconds**

In our latest [whitepaper](#) we share the impressive **accuracy metrics** and test results of Scylla performance in various areas.



# Object Detection



Scylla Object Detection utilizes your existing security infrastructure and transforms it into a proactive security system detecting and identifying weapons, suspicious objects and protective personal equipment.

## Firearm detection:

- Gun
- Shotgun
- Rifle and more

## Personal protective equipment detection:

- Mask
- Helmet
- Vests and more



# Object Detection



# Thermal Screening

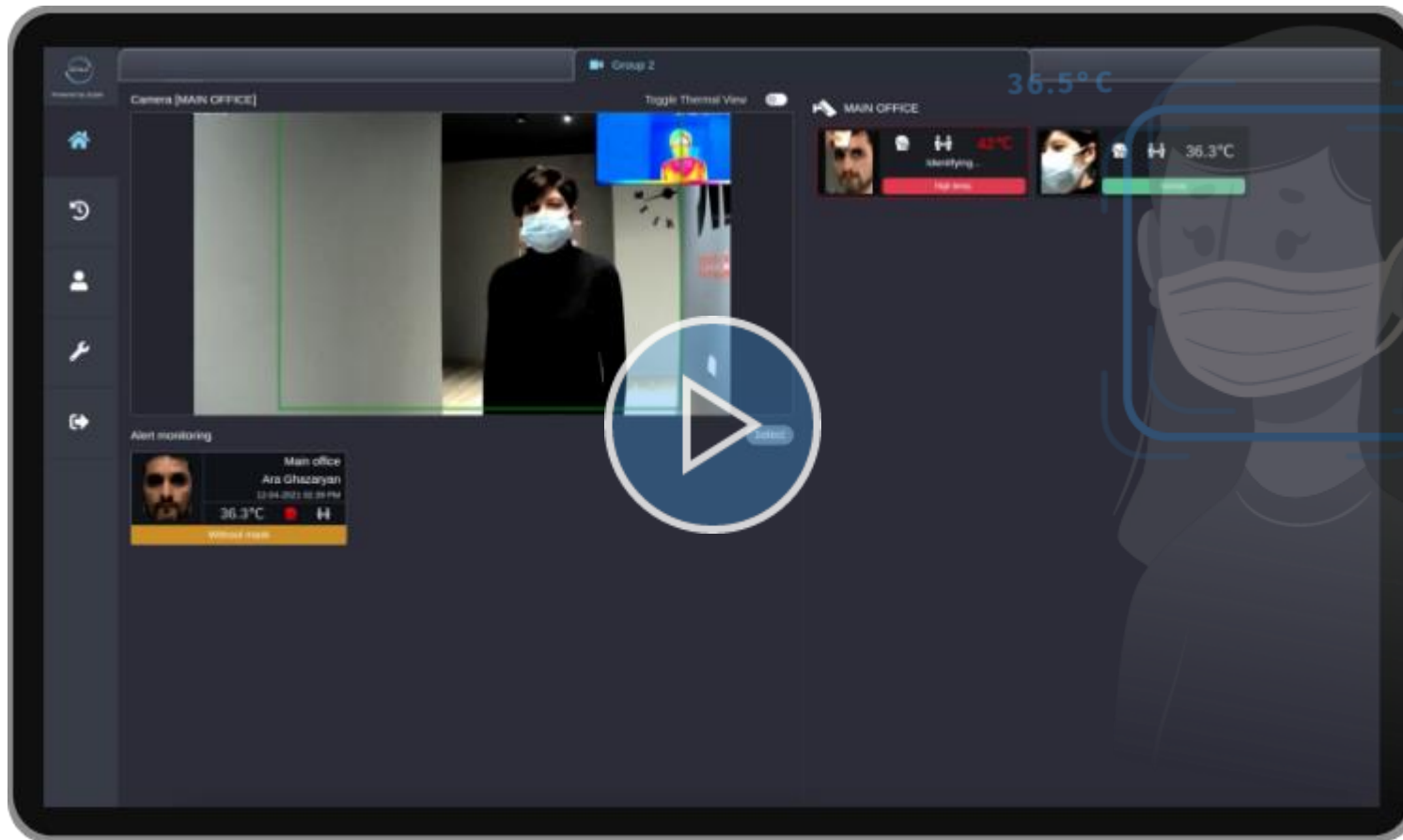


AI-powered Scylla Thermal Screening works on thermal cameras enabling continuous and non-invasive skin temperature monitoring.

It impressively boosts hardware-claimed accuracy by implementing AI-powered statistical analytics.

Combined with other Scylla modules, Scylla Thermal Screening makes up a complete COVID-19 Compliance Solution that helps implement the required protective measures and maintain safety at work.

# Thermal Screening





# Intrusion Detection & Perimeter Protection System



Scylla Intrusion Detection and Perimeter Protection is the high-precision AI surveillance technology that perfectly fits businesses that need to monitor a large number of cameras and areas with heavy footfall.

## Supported activities:

- Detecting humans and vehicles in restricted areas
- False alarm filtering for motion detection cameras (minimizing false alarms by up to 99.95%)
- Loitering
- Parking area violation detection for vehicles and two wheelers
- Dwell time tracking
- Heatmaps

# Intrusion Detection & Perimeter Protection System



# Anomaly Detection & Behavior Recognition System



Scylla Behavior Recognition and Anomaly Detection allows security professionals to detect and identify high-impact threats and capture events as they occur.

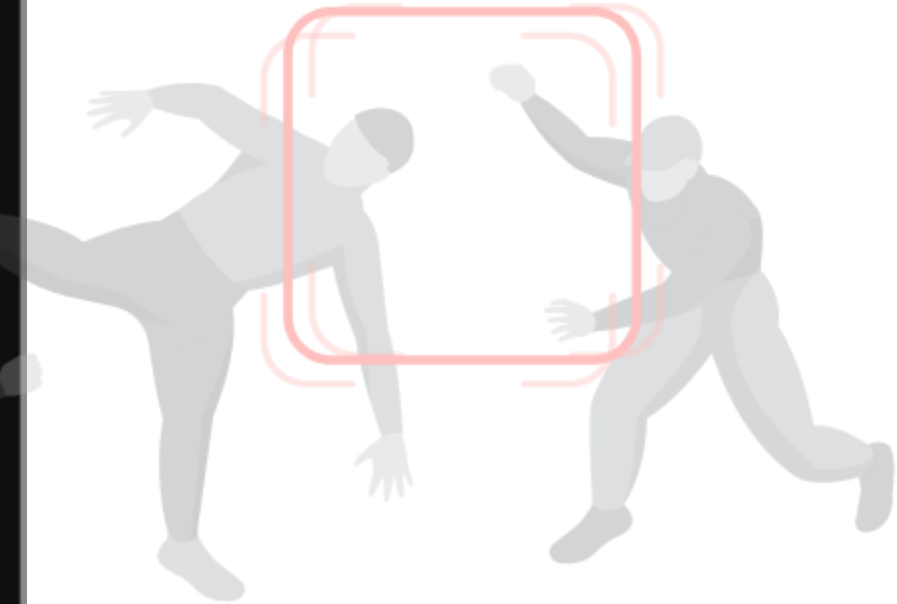
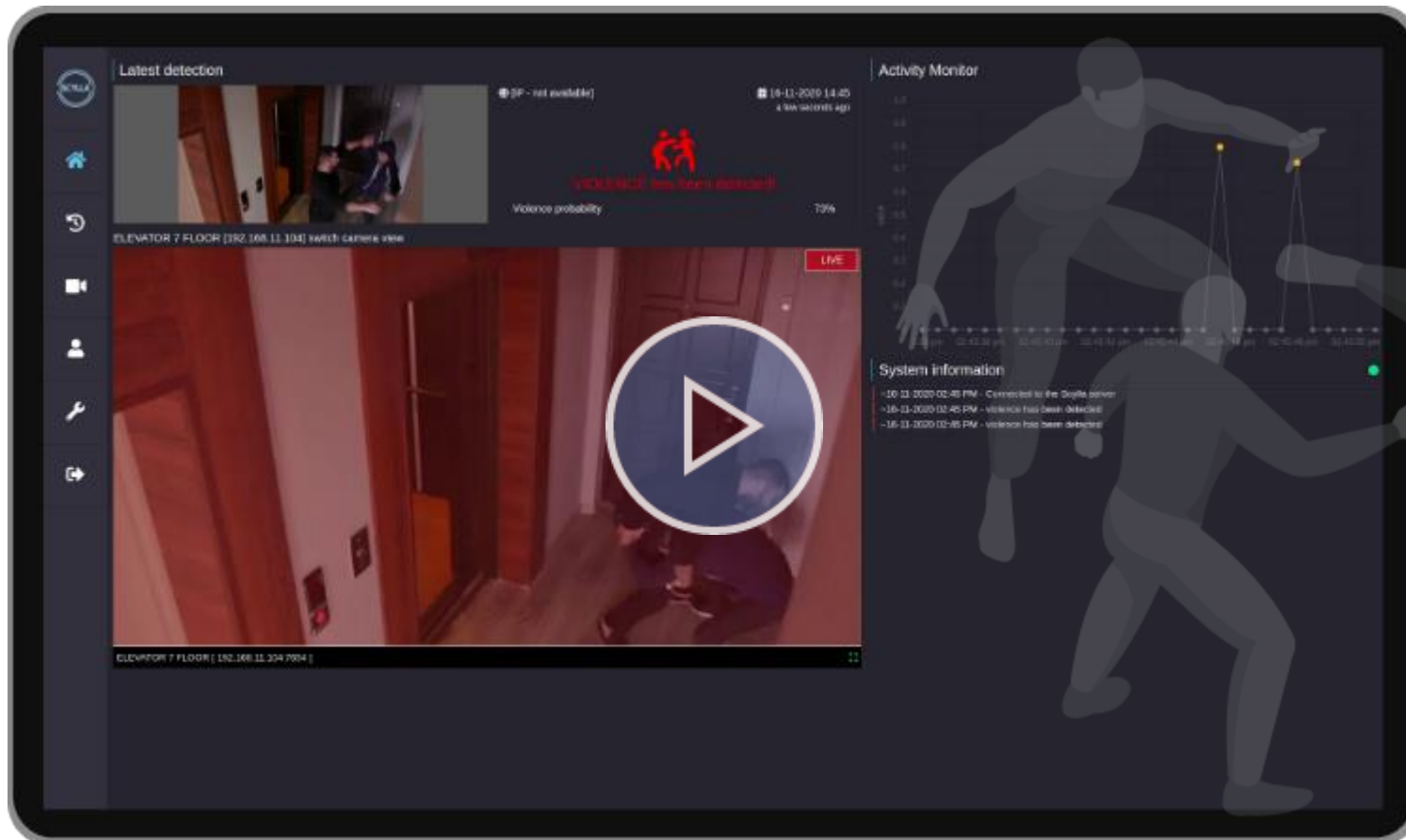
Scylla Behavior Recognition and Anomaly Detection system outperforms all currently available systems in terms of accuracy. The module supports real-time multiple stream processing as well as offline video analytics.

## We detect:

- Fighting
- Suspicious behavior that can result in shoplifting
- Smoke and fire
- Slip and fall



# Anomaly Detection & Behavior Recognition System



# Object Tracking

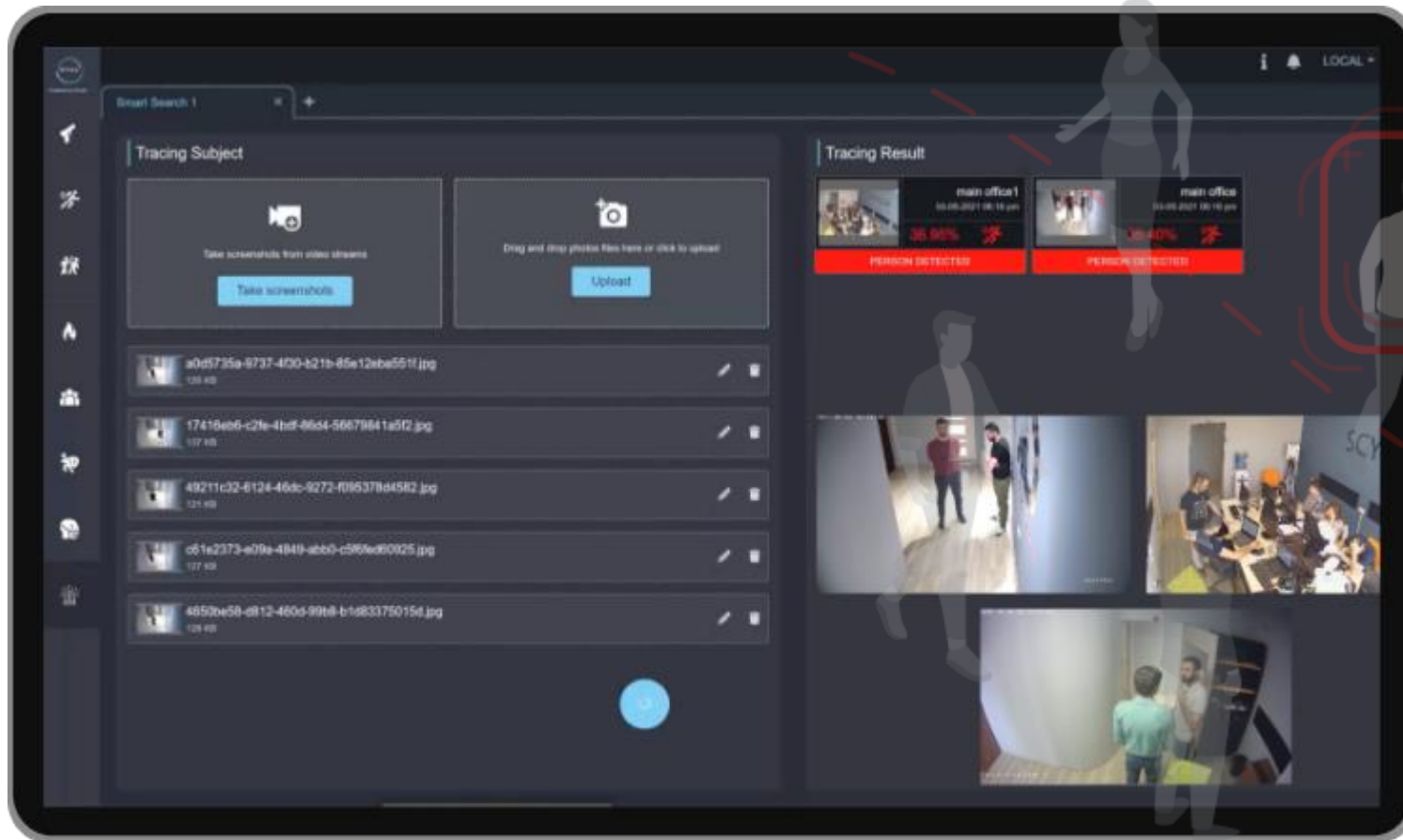


Scylla Object Tracking monitors movement of the object of interest across a series of video frames.

Scylla Object Tracking technology is tailor-trained to provide accurate detection for a variety of **use cases**, such as:

- Occupancy monitoring
- Loitering detection
- Emergency contact tracing
- Missing children detection
- Access control solution
- Active shooter tracking

# Object Tracking





# Person Search



The Person Search system provides an automatic search of a particular person based on the appearance. To initiate the search, photos with the person of interest (POI) are uploaded to the system. These frames can also be collected from any cameras in the system. Once the frames are uploaded and POI is specified, the search can be initiated. It runs on all cameras simultaneously, assessing all people that are in the view.

## Popular use cases:

- Missing child detection
- Customer tracking based on appearance
- Tracking a person of interest (an intruder, attacker, BOLO, etc.) through the facility
- emergency contact tracing

# Face Recognition



Scylla Face Recognition is built on state-of-the-art deep learning techniques for higher accuracy and identification speed.

It is easily integrated with Access Control Systems to grant entry based on biometrics or to alert in case a person from the watchlist has been detected.

Industry accuracy benchmarks:

**99.85%**

LFW

**99.1%**

MegaFace Ver

**99.1%**

MegaFace ID

# Drone Security

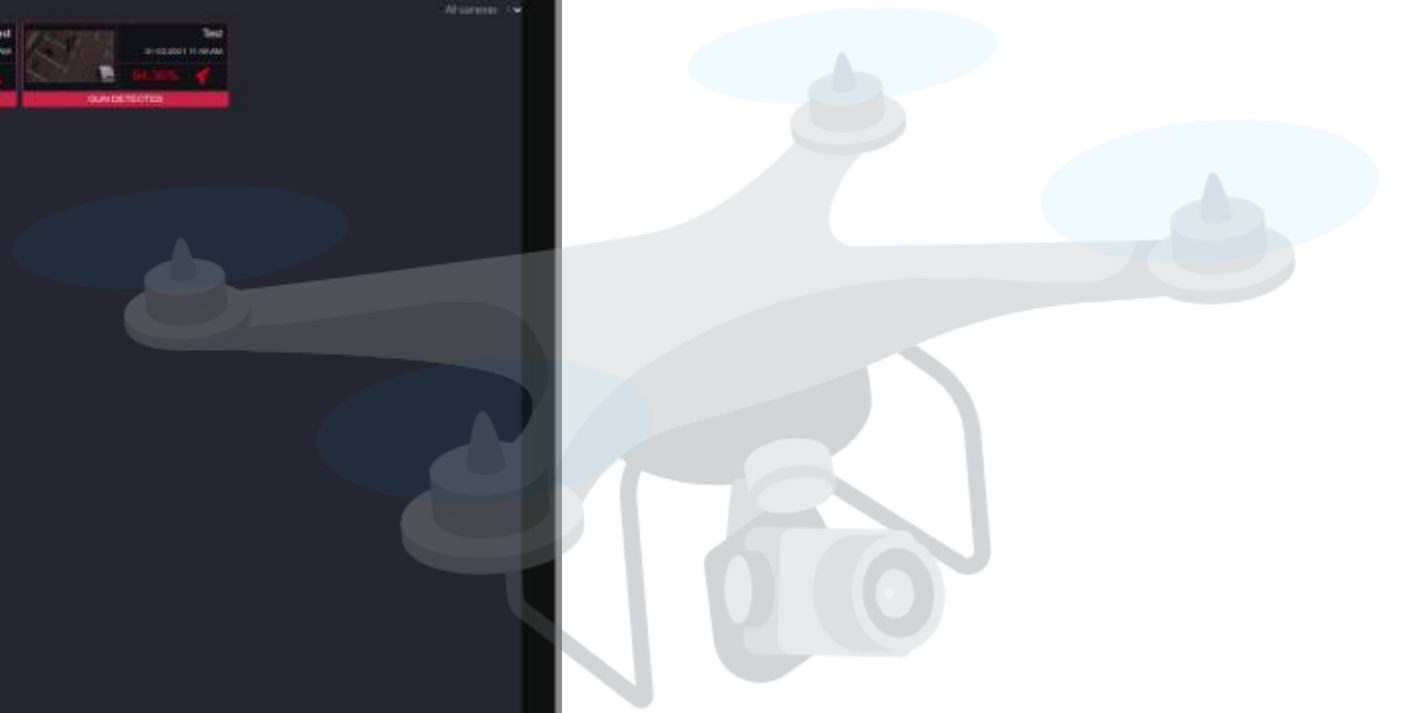


Developed with security and business in mind, Scylla's cutting-edge technology can effectively work on cameras with non-static environments & backgrounds such as drones or bodycams. Scylla uses proprietary algorithms for smart digital zooming and sophisticated, lightning fast detection and tracking.

Keeping a watchful eye on individuals, operations and valued assets for your peace of mind.



# Drone Security



## Select Customers



## Select Integrations



## Featured



# Thank you for your interest in Scylla

For more information, please contact:

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