



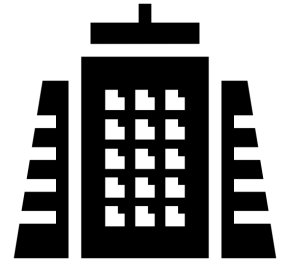
— AI Powerhouse —
Innovate into the Future

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info@weboccult.com

Telephone
079 - 4800 3449

Who We are?



WebOccult Technologies is a pioneer in the AI services industry, leading the charge in transforming businesses through cutting-edge AI technologies. It is our unwavering commitment to excellence, innovation, and customer satisfaction has positioned us as a reliable partner for organizations seeking to unlock the full potential of artificial intelligence.

Founded

2015 ◀



Strength

100+ ◀



Happy Clients

350+ ◀



Global Presence

50+

Our Evolution

The Beginning

2015

Launched 1st AI + AR Product

2019

Partnership with Saskia - Switzerland

2021

2017

Added AI/ ML Department

2020

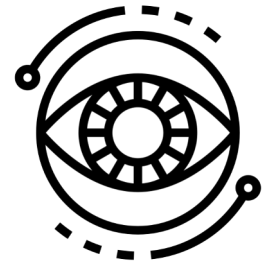
Branch in California, USA

2023

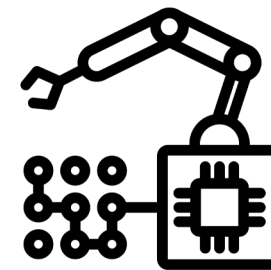
Spread Wings in Japan

What We Do?

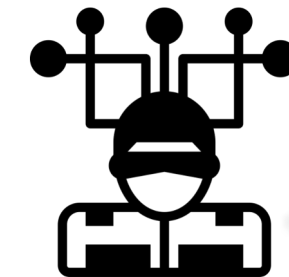
WebOccult Technologies has perfectly honed the art of impeccable IT solutions, rich technical expertise, and proven experience in several industries.



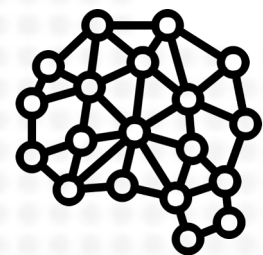
Computer Vision



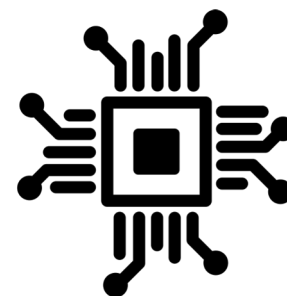
Edge AI



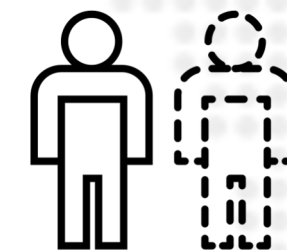
AI Ops & ML Ops



Machine Learning



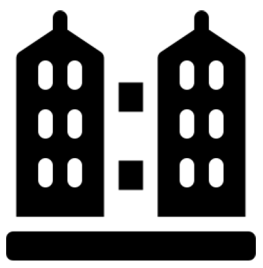
AI Consultation



Digital Twin



— What We have Done —



1. Digital Twin

We build process digital twins that are a virtual representation of a physical industrial process, enabling real-time monitoring, analysis, and optimization for improved efficiency and performance.

Key Features of Digital Twin for Corporates Twin



- Face Recognition and Multi-Camera Tracking
- Occupancy Management
- Remote Access-Control
- Ergonomics Insights
- Temperature and Surroundings

Use Cases



- Parking twin
- Warehouse Twin
- Sports Twin
- Smart Cities Twin
- Corporate Twin

The screenshot displays the WebOccult Digital Twin interface. At the top, there is a navigation bar with a search bar for employee names, a date and time indicator (18/10/2022, 10:00), and user controls for 'Admin' and 'Tools'. The main area features a 3D floor plan of an office space with various rooms labeled: Cabin-1, Cabin-2, Washroom, Pantry, Work Station-1, Work Station-2, and Store. Employee avatars are placed throughout the space, representing real-time occupancy. To the right, a 'Real Time Occupancy Analysis' dashboard shows a donut chart for '10 Total Employees' (Occupied vs. Free Space) and summary statistics: '39 Total Space', 'Available: 30', and 'Occupied: 6'. Below this is a 'Camera Feed' section with four live video streams from different office areas, timestamped at 10:00:28.



Normal

18/10/2022

10:00

bedicht/ba_employee/naam



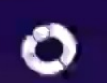
WebOccult
TECHNOLOGIES



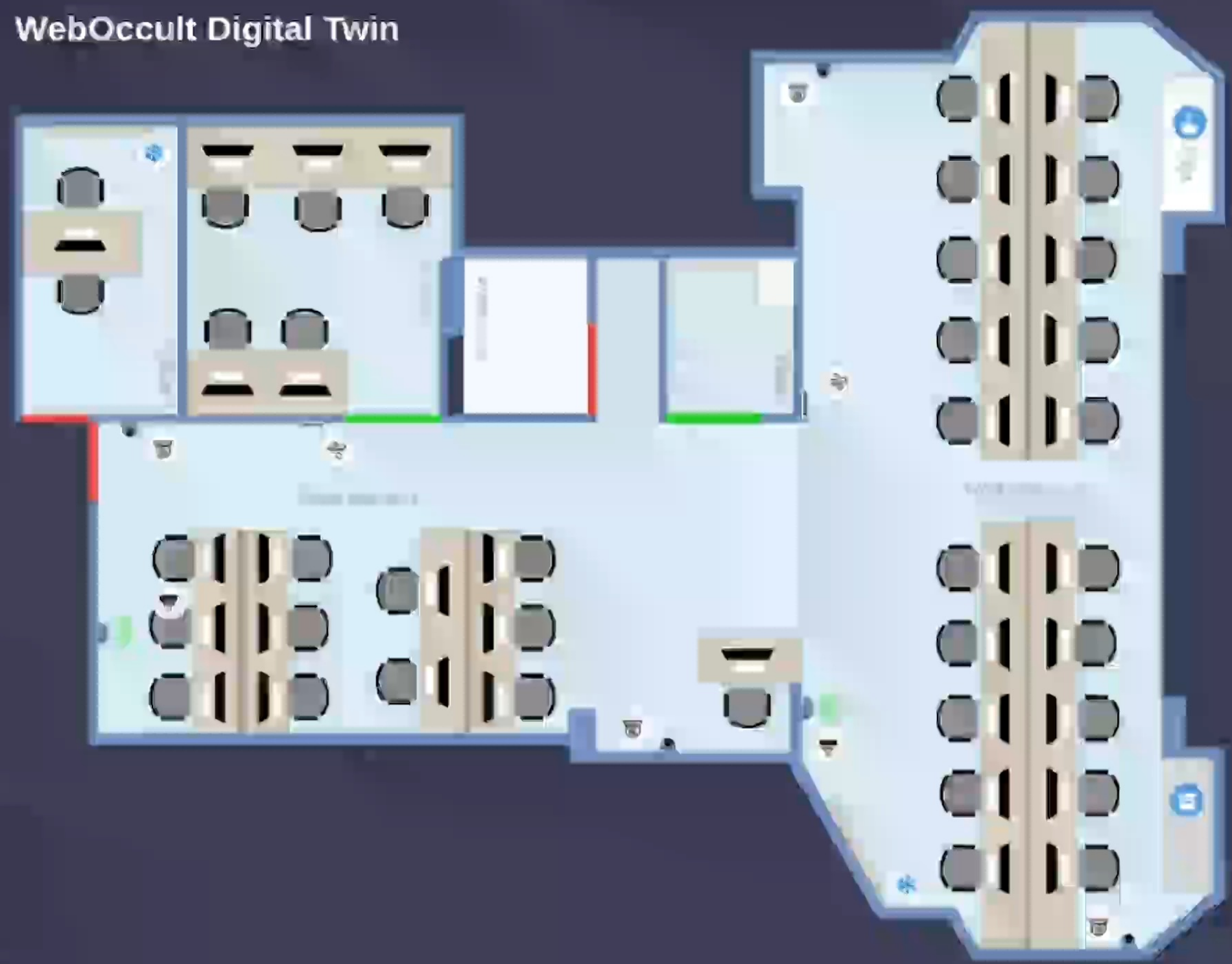
Admin



Tools



WebOccult Digital Twin



Real Time Occupancy Analysis

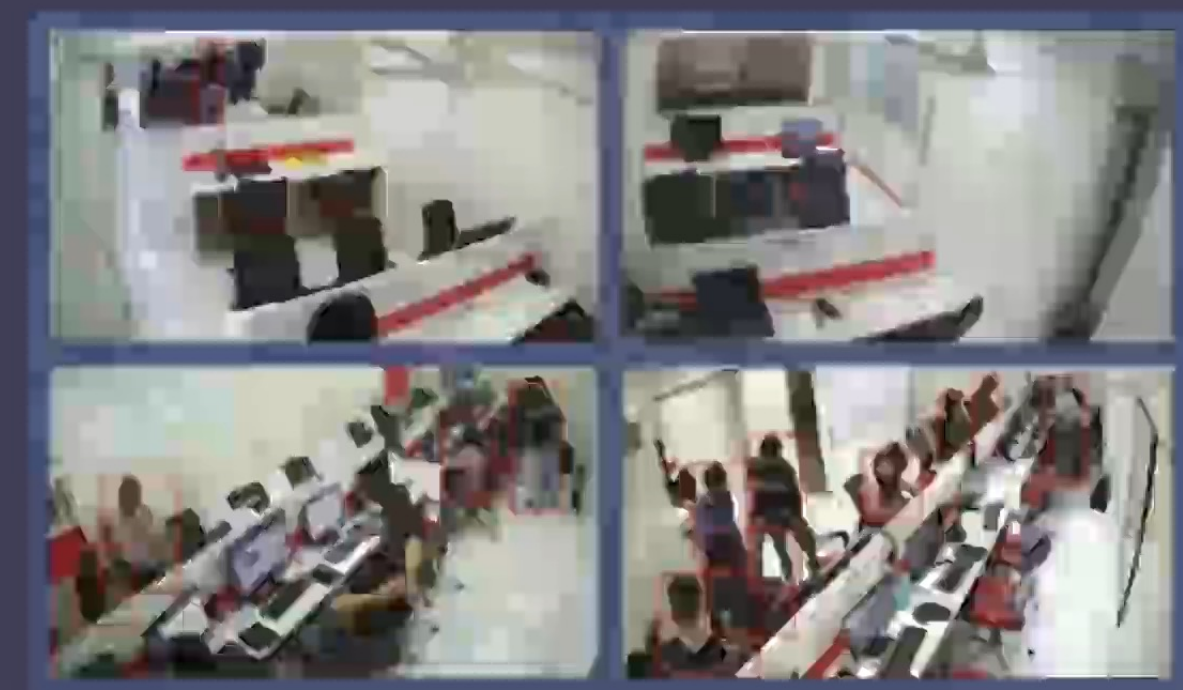


39 Total Space

Available 39

Occupied 0

Camera Feed





2. Safety Compliance Detection

An AI-Powered comprehensive solution ensures real-time safety compliance, including safety uniform and Personal Protective Equipment (PPE) detection, and provides a secure work environment as your business needs.

Key Features

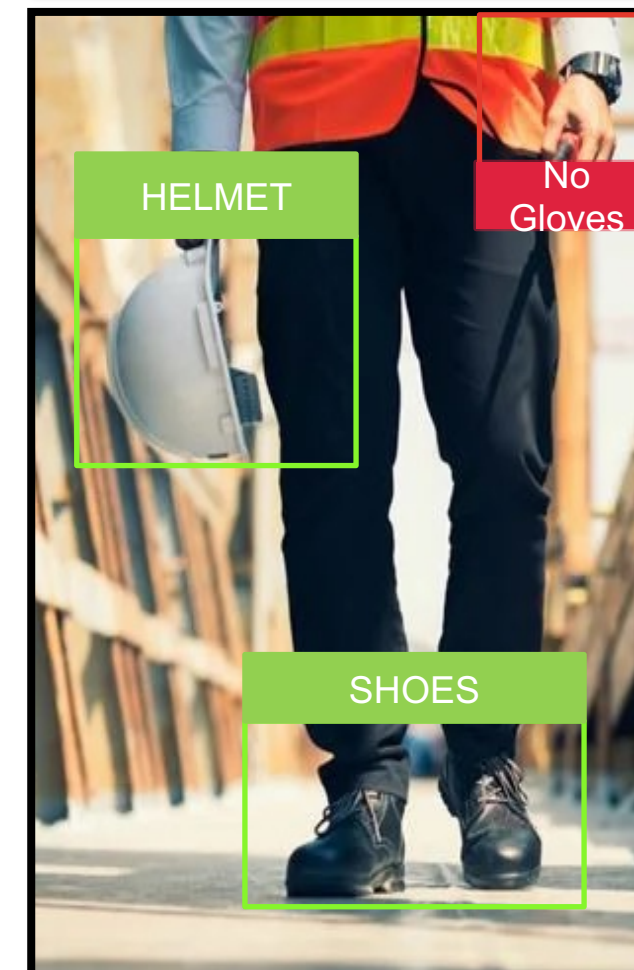
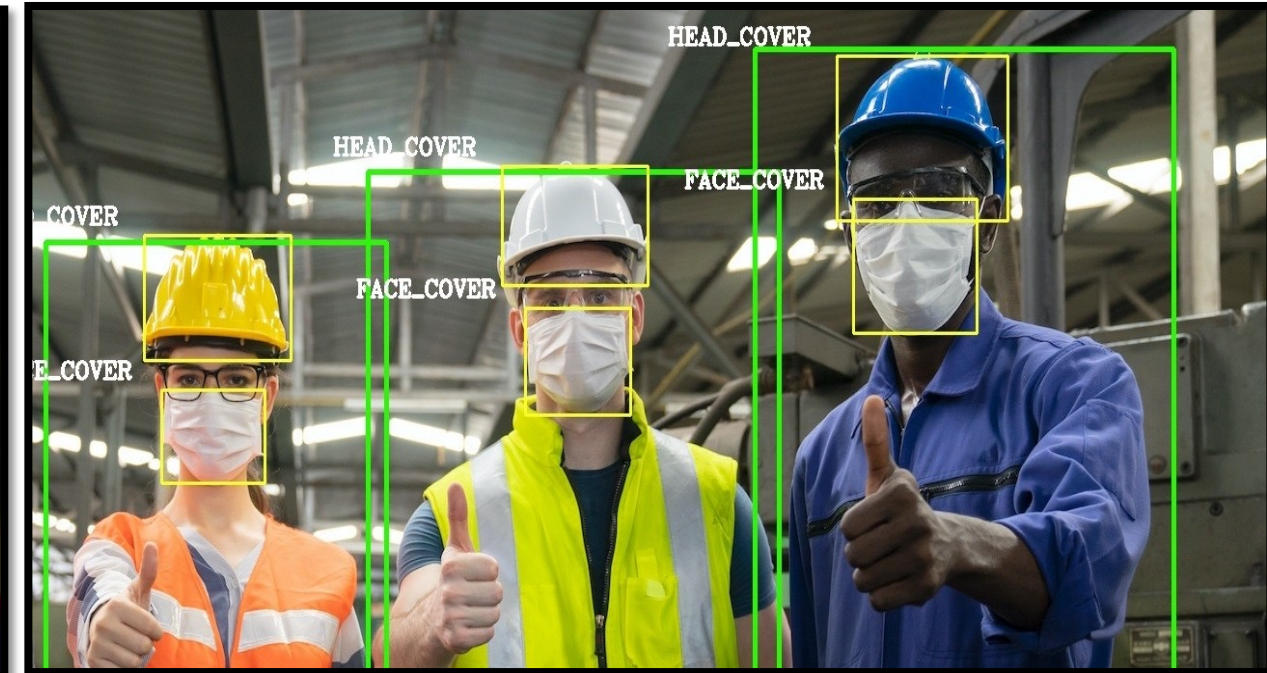


- Real-time Object Detection: Aprons, Helmets, Shoes and Gloves
- Forklifts Speed Monitoring
- Critical Body Pose Detection
- Fire, Gas and Spark Detection
- Configurable Alerts and Notifications
- Data Analytics and Reporting

Statistics



- 96% improvement in PPE compliance
- Accidental Rates Fell by 86%
- 74% Man Hours saved in the safety and security department
- Cumulative increase of 9% in revenue



3
shoes
gloves
apron
helmet

4
shoes
gloves
apron
helmet

2
shoes
gloves
apron
helmet

1
shoes
gloves
apron
helmet

5
shoes
gloves
apron
helmet





3. AI Signage

Our AI Signage solution uses AI to integrate a dynamic advertising kiosk with a powerful people counter.

Key Features



- Age and Gender Detection
- Personalized Advertising
- Dwell Time for each person
- Person Re-Identification
- Person Behavior analysis

Places to be Integrated



- Retail Stores
- Shopping Malls
- Supermarkets
- Online E-Commerce Integration
- Events and Exhibitions



Male
Age 21

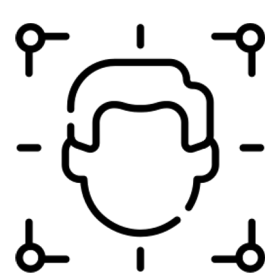
Male
Age 29

Female
Age 35

Female
Age 23

New Available





4. Face Recognition Engine

The state-of-art biometric technology that is developed in-house which uses unique physical traits of the face to identify an individual accurately.

Key Features

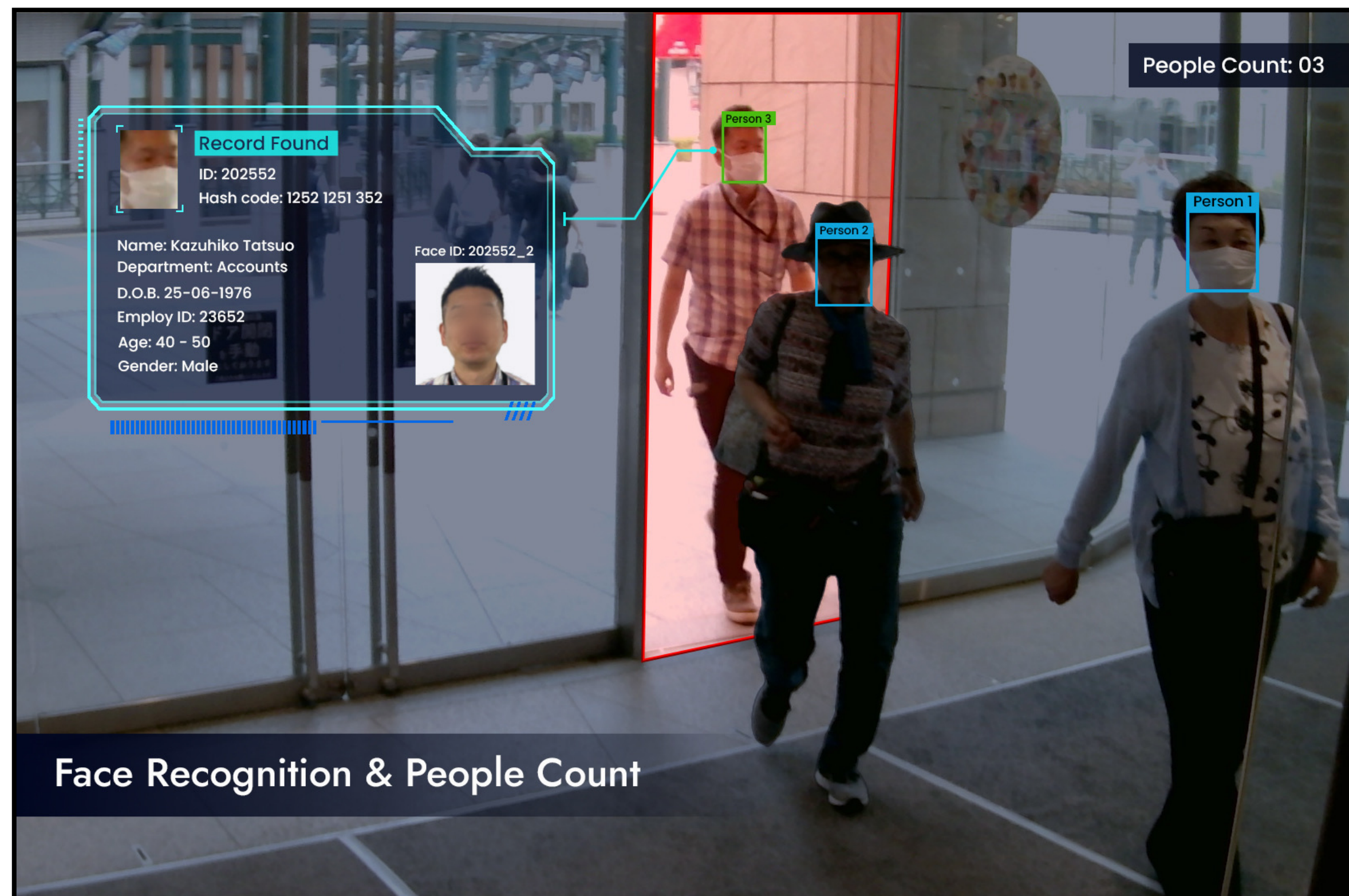


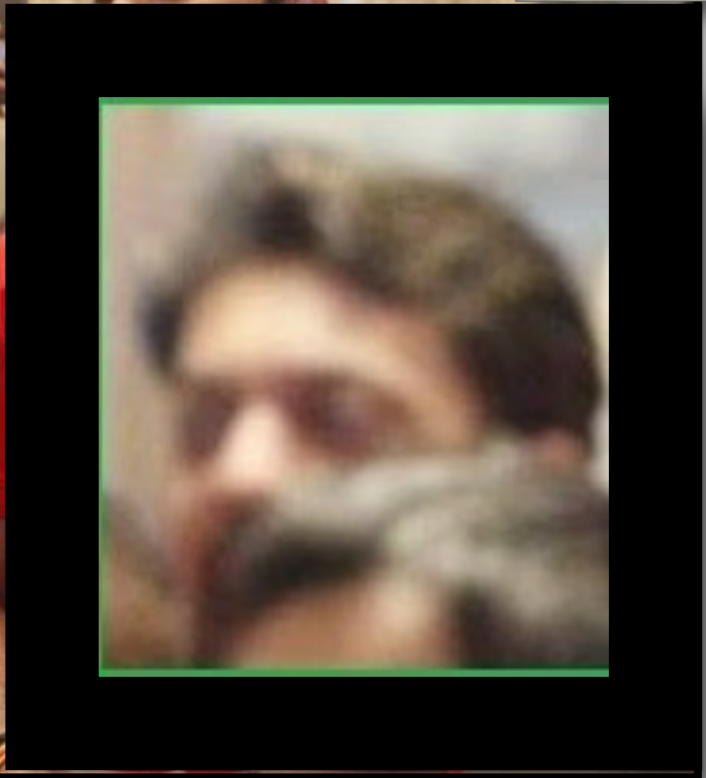
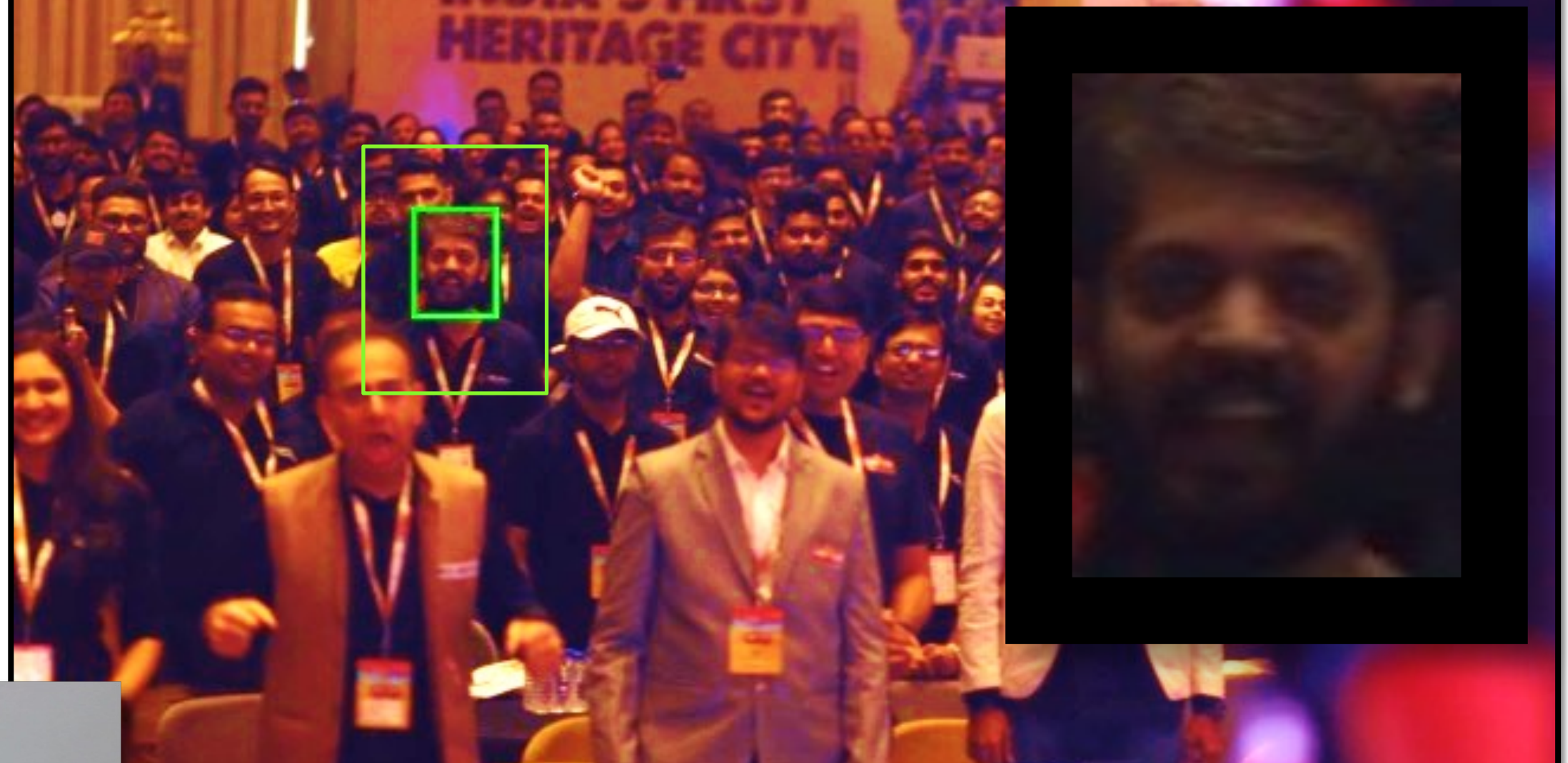
- One of the Highest Accuracy in Market
- Requires Just one Image to Train
- Deployed at over 100+ places
- Available as SDK and API based
- Works with Occluded and blurred faces

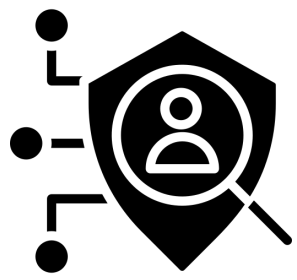
Use Cases



- Security and Surveillance
- Access Control
- Attendance
- Retail and Marketing
- Law Enforcement







5. Intelly Scan – Access control

An intelligent access control system is Integrated with Face Biometrics, Fingerprints and RFID reader to provide a one-stop solution for users.

Key Features



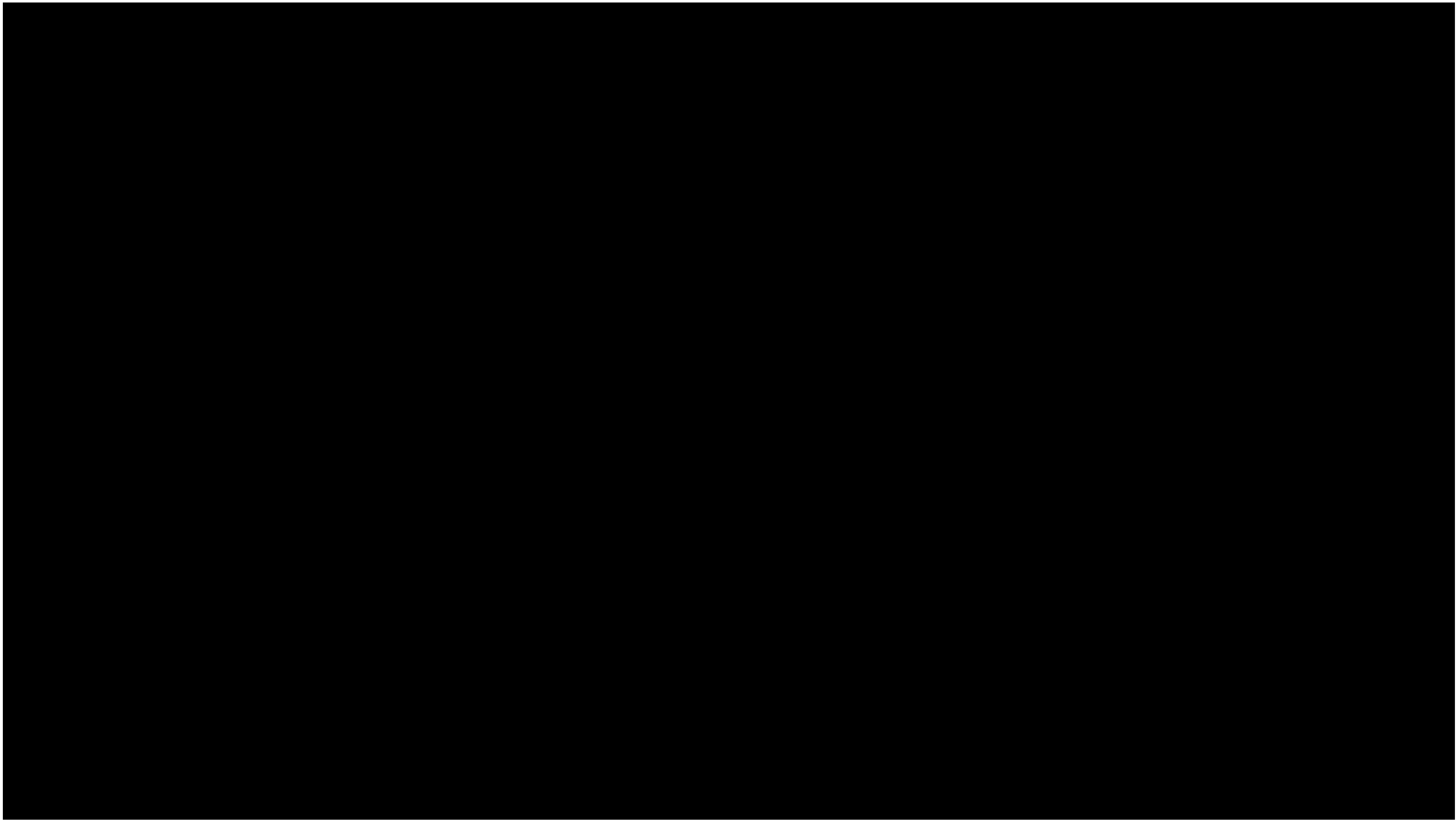
- GDPR Compliant
- Visitor Management System
- Desks Bookings
- Temperature Reader
- Easy Mobile and Web Integration

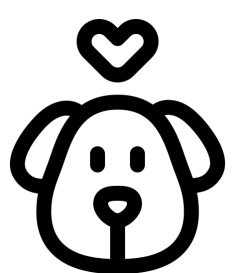
Use Cases



- Corporate Security & Access Management
- Residential Community Security
- Airport & Border Security
- Healthcare Facility Management
- Event & Venue Management







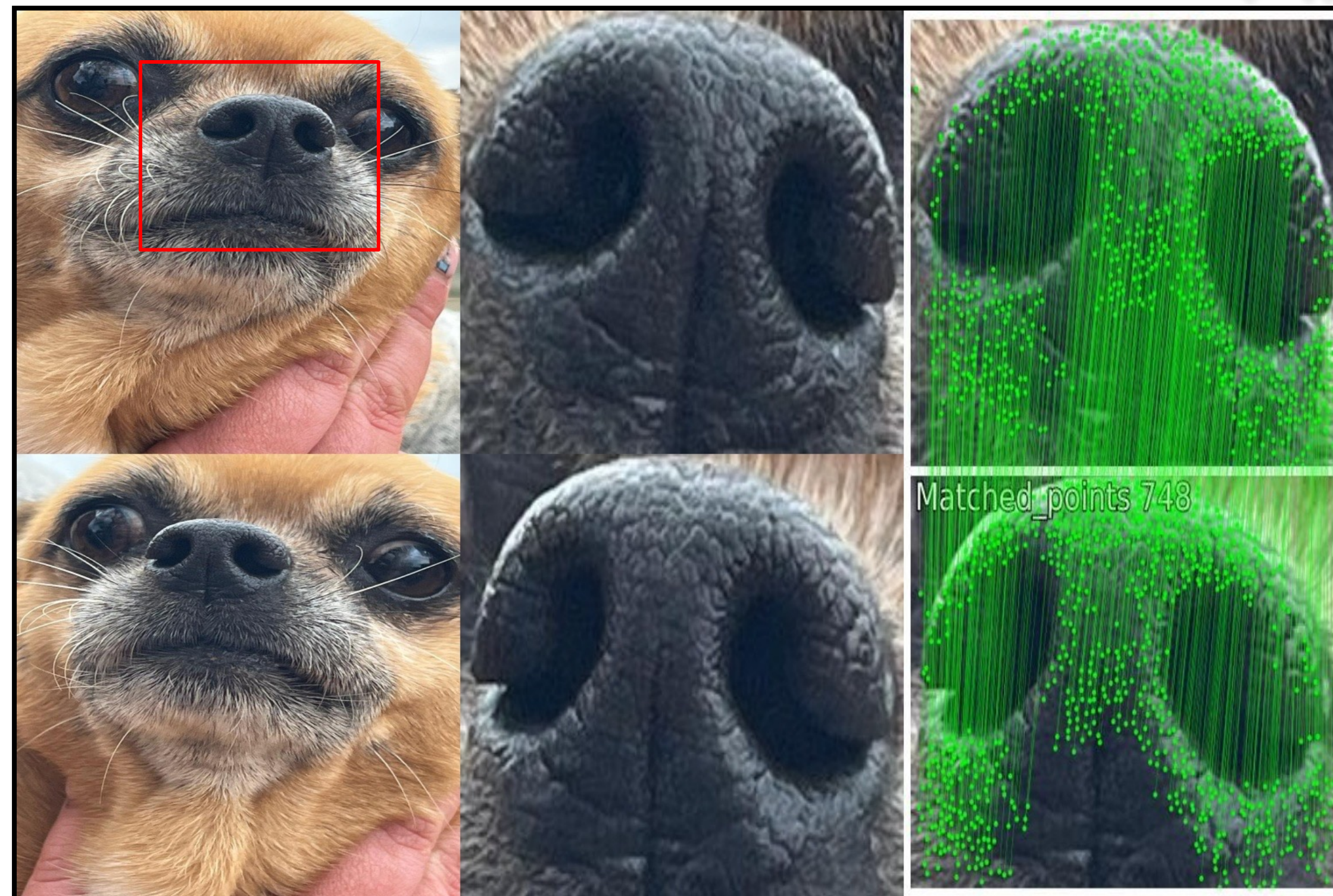
6. Dog Identification

The growing interest in companion pets has led to an increase in complaints related to missing animals and false insurance claims. Identifying dogs through their muzzle patterns is a method that can easily help overcome these problems.

Benefits



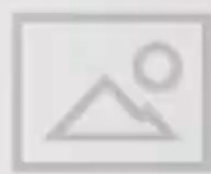
- Improved Veterinary Care
- Increase the efficiency of Animal Shelters
- Quick actions in Lost and Found Services
- Reduced abandoned rates
- Lesser Insurance claims
- Error prone Database System



DOG Detection

First Image

Second Image



Add Image

Drag-drop or click here to choose a file

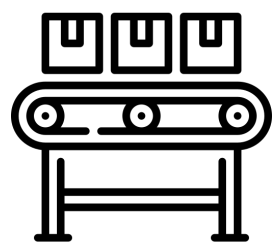


Add Image

Drag-drop or click here to choose a file

START

Your Result will be displayed here



7. Anomaly Detection in Machinery

A solution to identify various defects in various machinery parts with an easy-to-use software that makes model training and its use as simple as possible.

Problem



Production lines often fail to achieve 100% accuracy while detecting the present or potential defects in the manufacturing processes. These defects can cause a loss to the manufacturers and customers. It can also increase customer dissatisfaction which can prove fatal for the business.

Key Feature

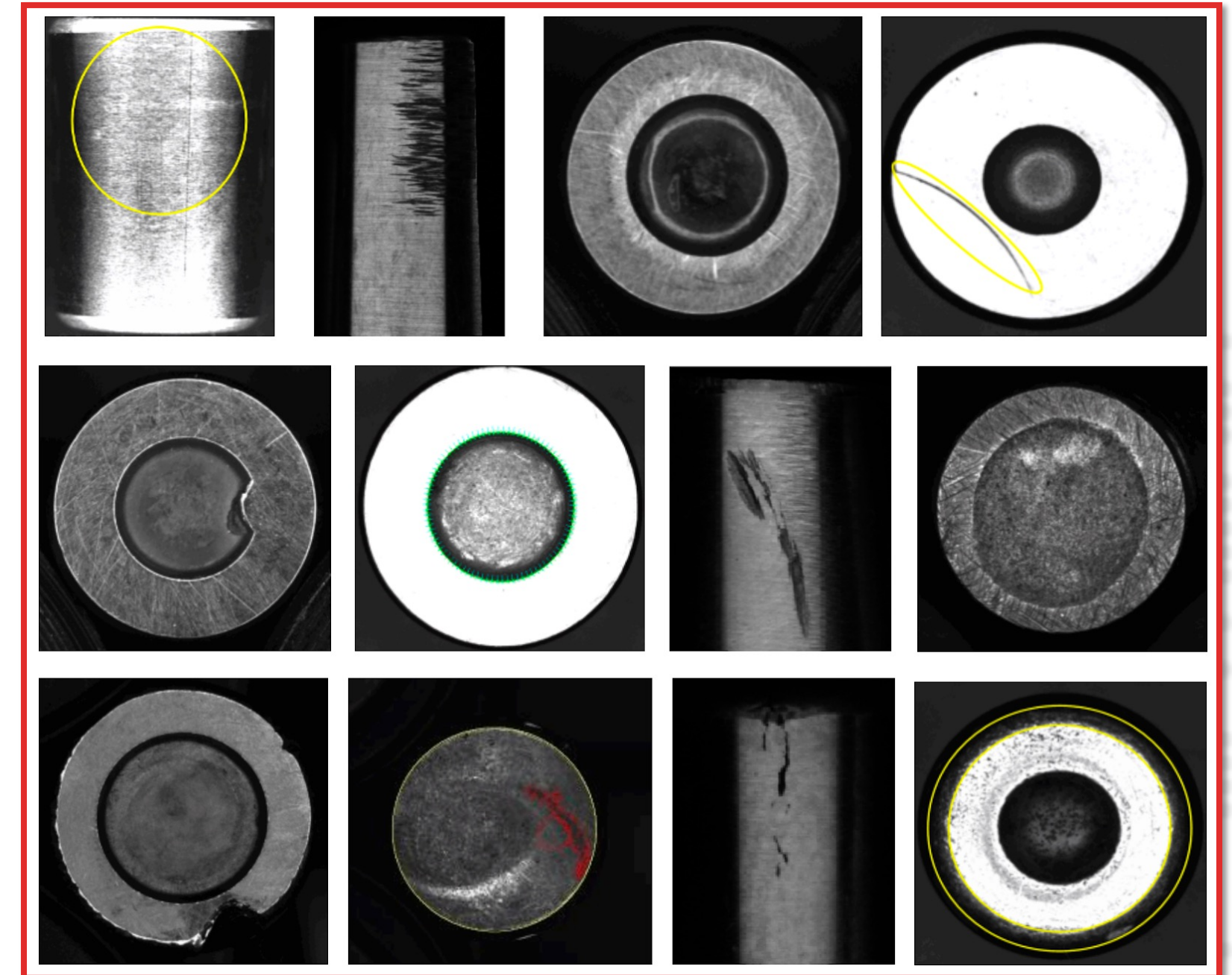


Over time, the system also learns about various types of defects without the need for any programming. Consequently, it provides more accurate and rapid inspections throughout the production process.

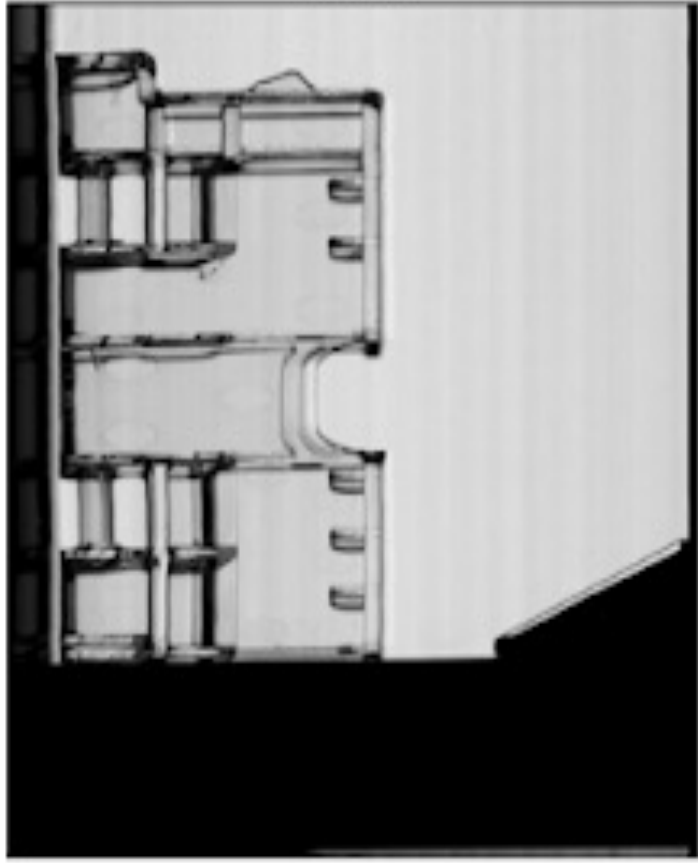
Solution



With deep learning, we have created an optical inspection model that can process images of already produced products of various types of rollers and other machinery parts.



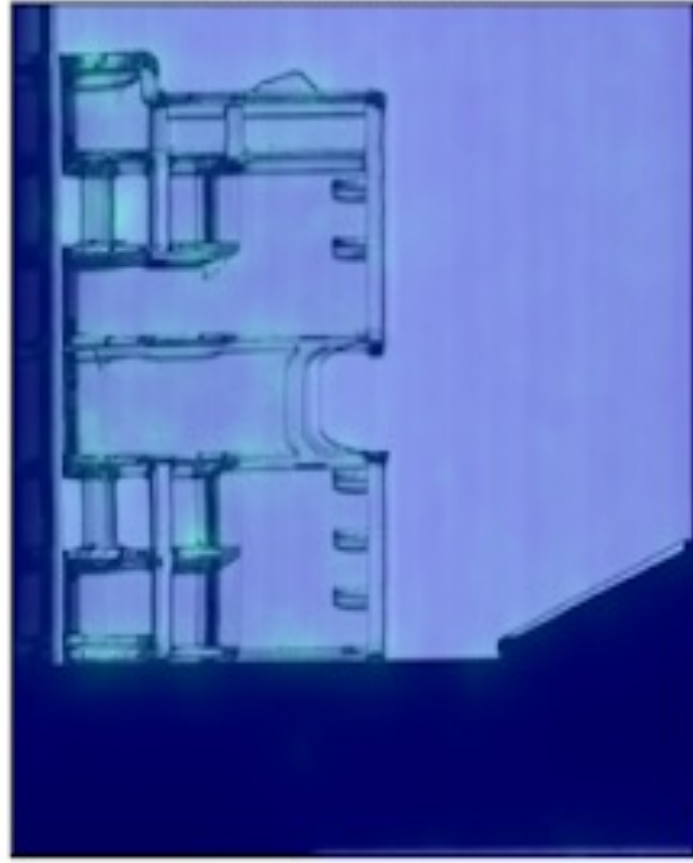
Image



Ground Truth



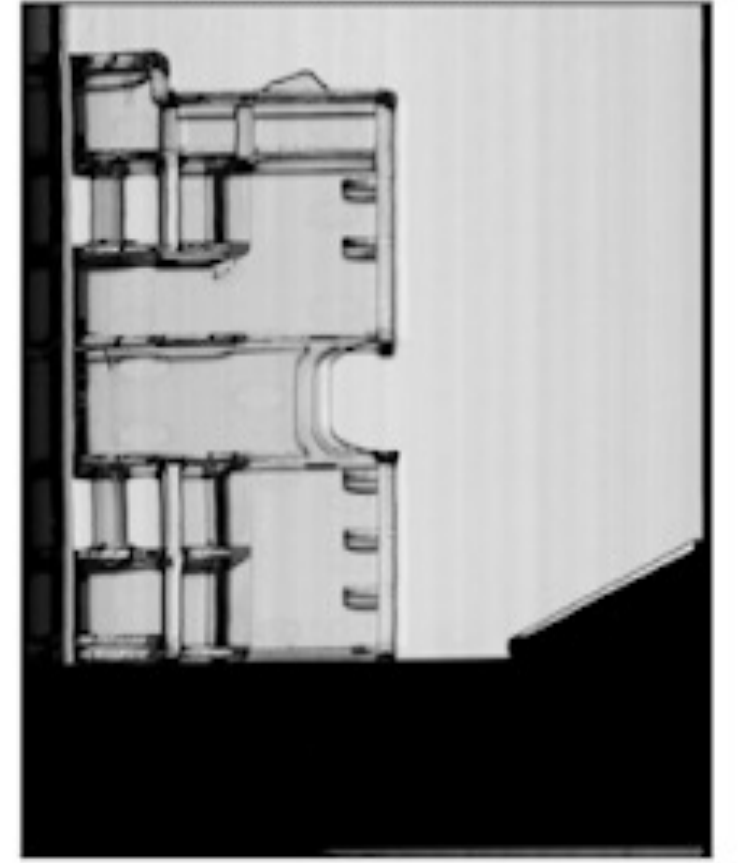
Predicted Heat Map



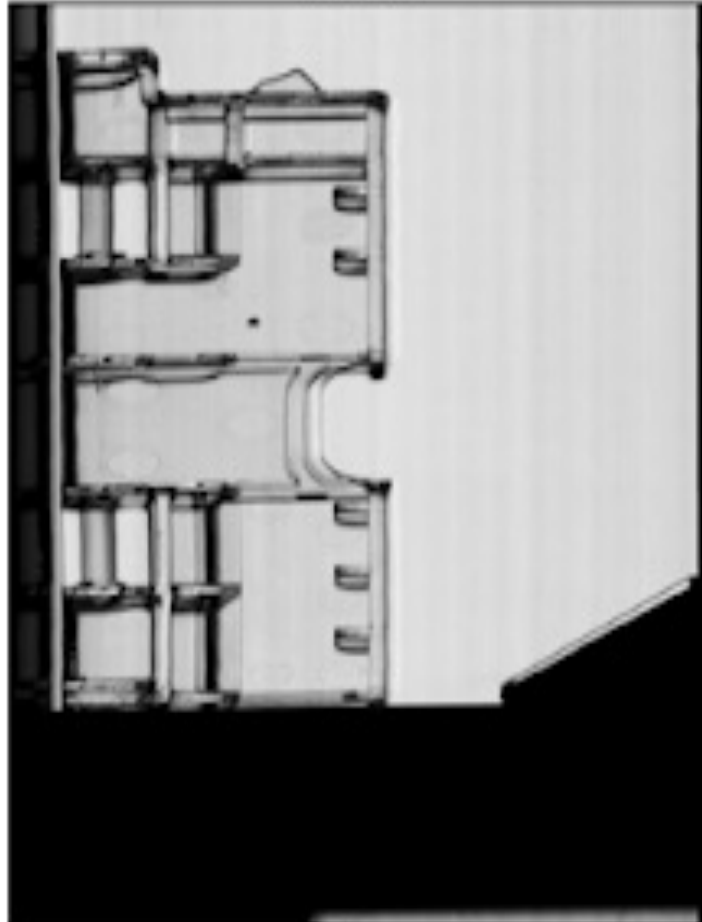
Predicted Mask



Segmentation Result



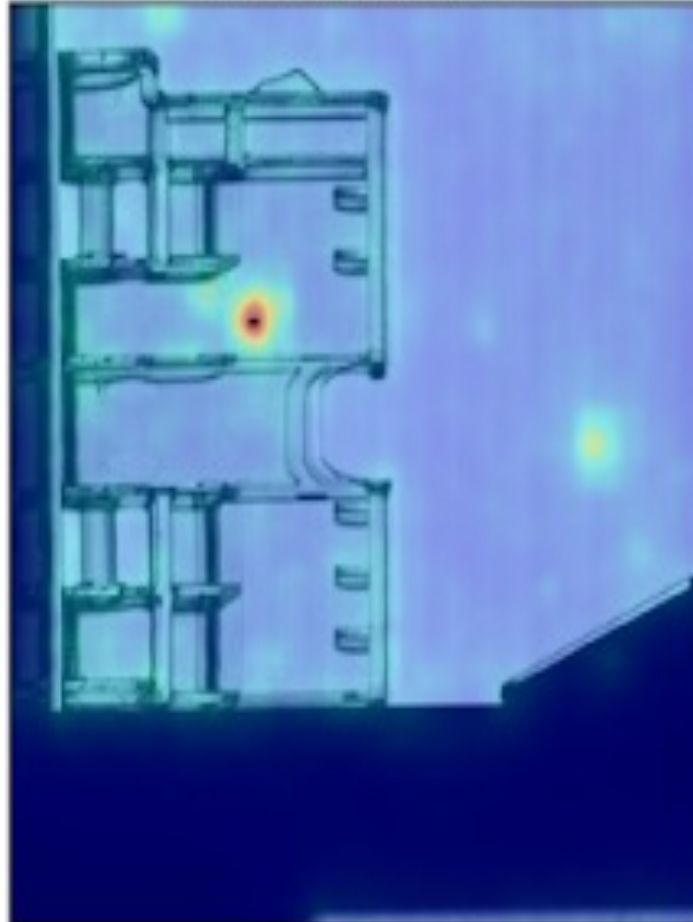
Image



Ground Truth



Predicted Heat Map

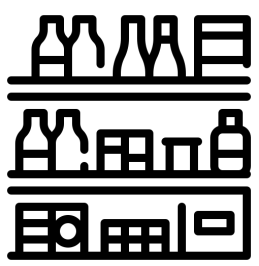


Predicted Mask



Segmentation Result





8. Shelf Products Identification and Counting

A solution designed to identify, categorize, and count products on retail shelves. It streamlines the inventory team in real-time, providing accuracy and efficiency.

Problem



- Inefficient manual counting
- No timely updates on product inventory
- Missed sales opportunities due to stock mismanagement

Solution



Utilizing cutting-edge computer vision techniques, our solution automates the identification and counting of products on shelves. This not only minimizes human error but also significantly reduces the time spent on inventory management.

Key Feature



- Real-time Product Identification
- Pattern Recognition on discount offerings
- Scalability to Different Retail Environments
- Easy training and classification of products and price tags

Statistics



- Up to 97% Accuracy in Product Identification
- 68.9% Reduction in Inventory Management Time
- Successfully Implemented in Over 50+ Retail Outlets



Missing product

Missi Missing product

Missing product

Missi Missing product

Missing product product

Missing product Missing product

Missing product

Missing product



8% dream: 98% dream: 98% dream: 98%

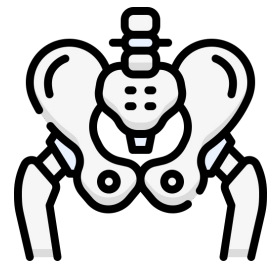
Gluten free \$3.49 SAVE 50

so delicious: 95% so delicious: 95% so delicious: 95%

califia: 95% califia: 90% califia: 90% califia: 90% califia: 90%

blue almond: 90% blue diamond: 90% blue diamond: 90% blue diamond: 90%

sprouts: 88% sprouts: 88% sprouts: 88%



9. Pelvic Muscle Contraction Verification

Verifying instantly the accurateness of the contraction of pelvic muscle observed by patients. This is achieved by analyzing the readings from a Medical device that provides 40+ different parameters in a single time frame.

Problem

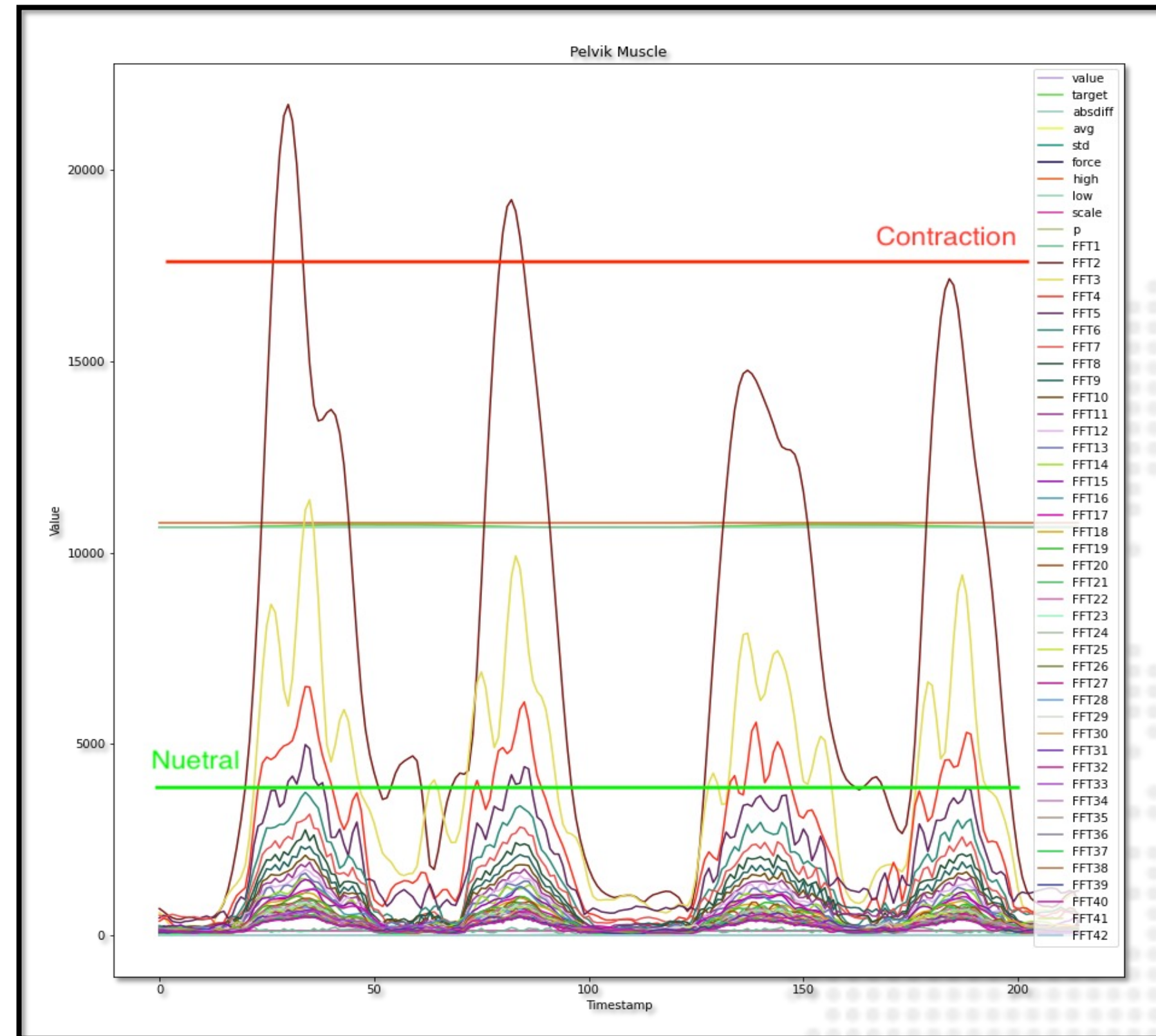


The Doctor sometimes faces judgment problems due to the unsurety/low-confidence from the patient's answers.

Benefits



- Better and accurate judgements
- Measure and validate the degree of Contraction, Hold and Relaxation
- Historic Data to Track Health





10. Tennis Sports Analysis

A solution designed to identify, categorize, and count products on retail shelves. It streamlines the inventory team in real-time, providing accuracy and efficiency.

Key Features

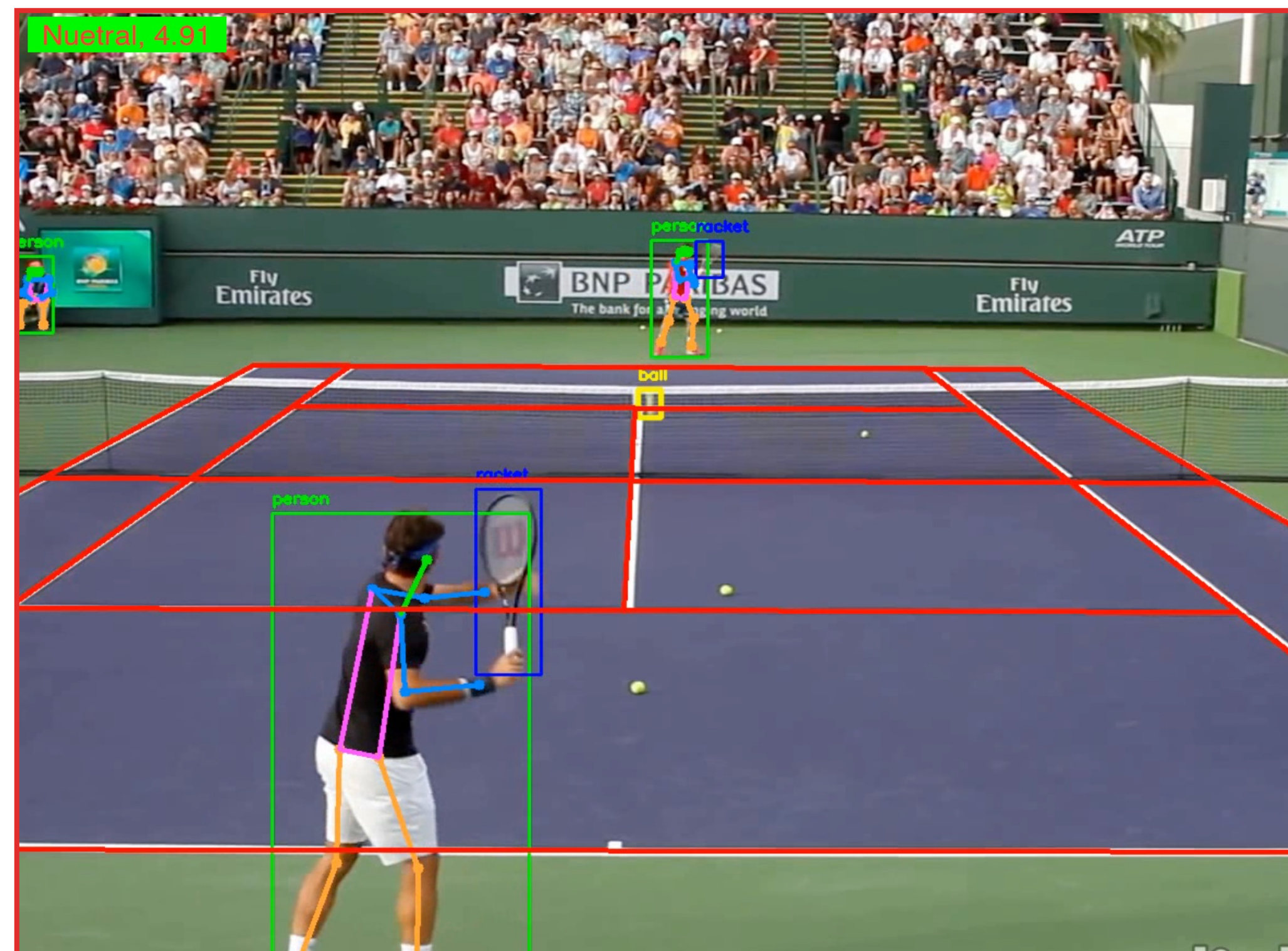


- Ball Tracking and Speed Detection
- Player Tracking
- Stroker Analysis
- Stroke Placement
- Rally and Server Analysis
- Performance Metrics

Use Cases



- Refereeing and Officiating
- Injury Prevention
- Player Tracking
- Player Identification
- Performance Analysis
- Video replay and challenge system



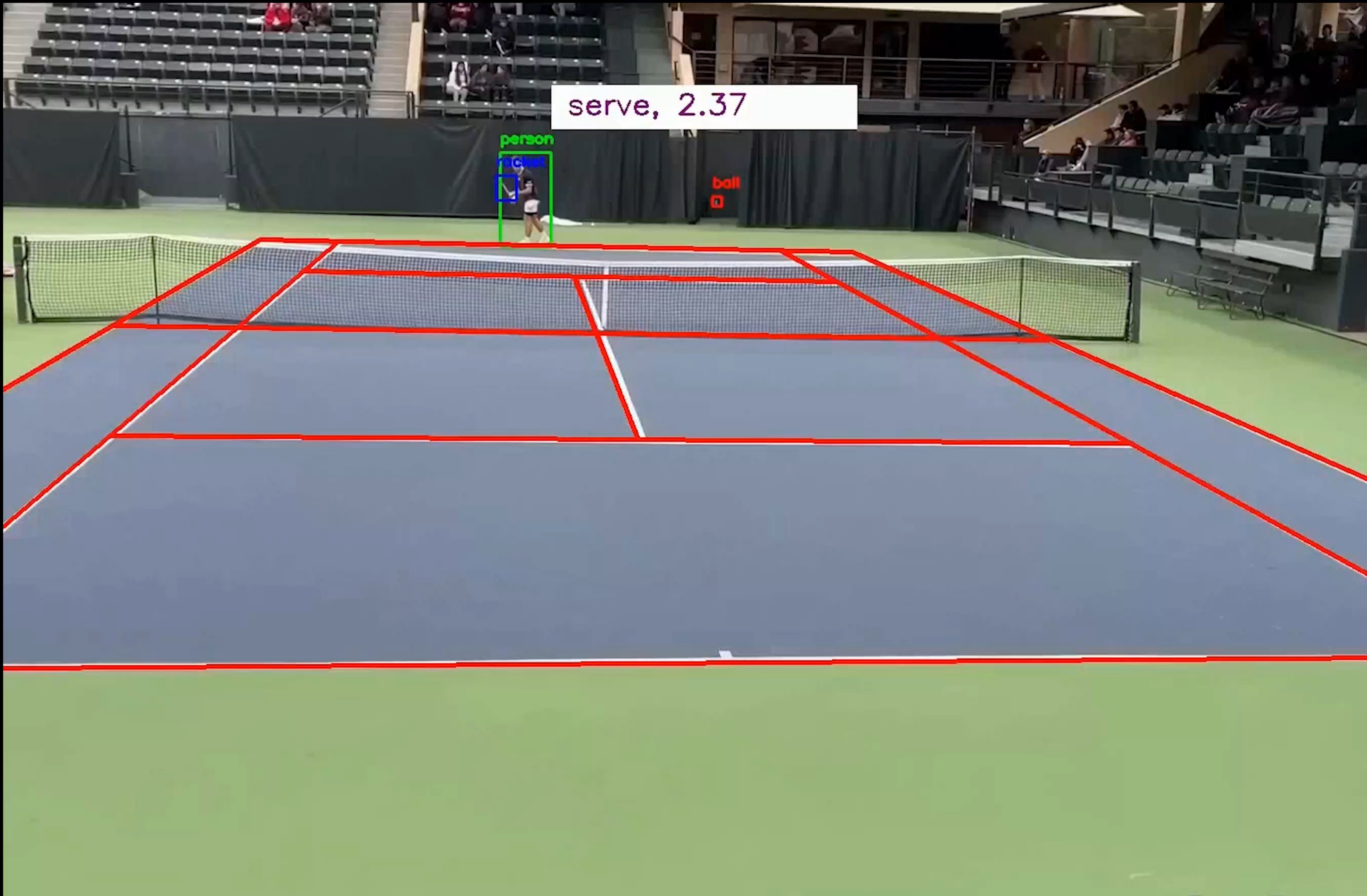
serve, 2.37

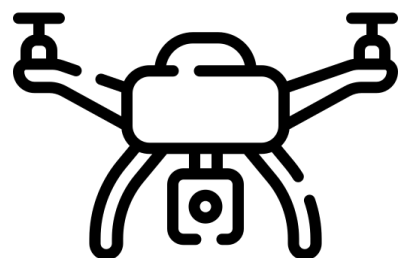
person

ball

ball

ball





11. Hero Drone

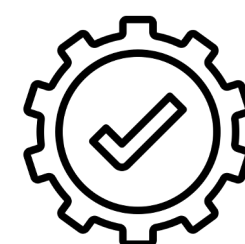
A research project to build an autonomous light-weight multi-specialty drone.

Problem



In the forests of California, it is not possible to deploy a helicopter to assess a situation now and often. Also, it is hard for people on the ground to accurately assess a situation.

Solution



In California's forests, where helicopters and ground assessments are often impractical, autonomous drones stationed at multiple locations can monitor perimeters and instantly raise alerts to minimize damage"

Key Features



- Advanced Collision Avoidance Technology
- Location Identification and Routing
- Intelligent Re-Routing
- Auto Home Return
- Smoke and Fire Detection
- Object Identification





— Industries We Serve —

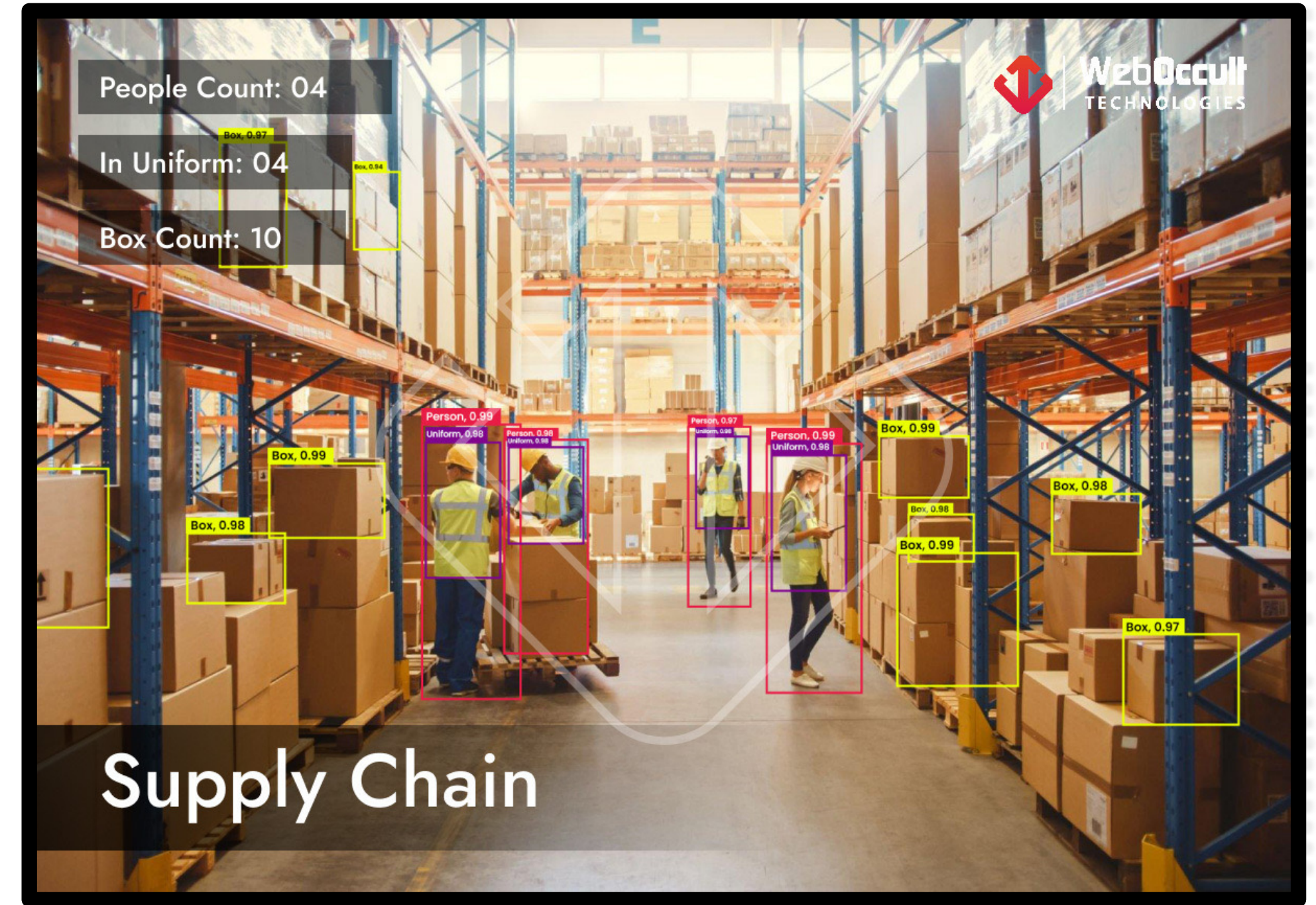
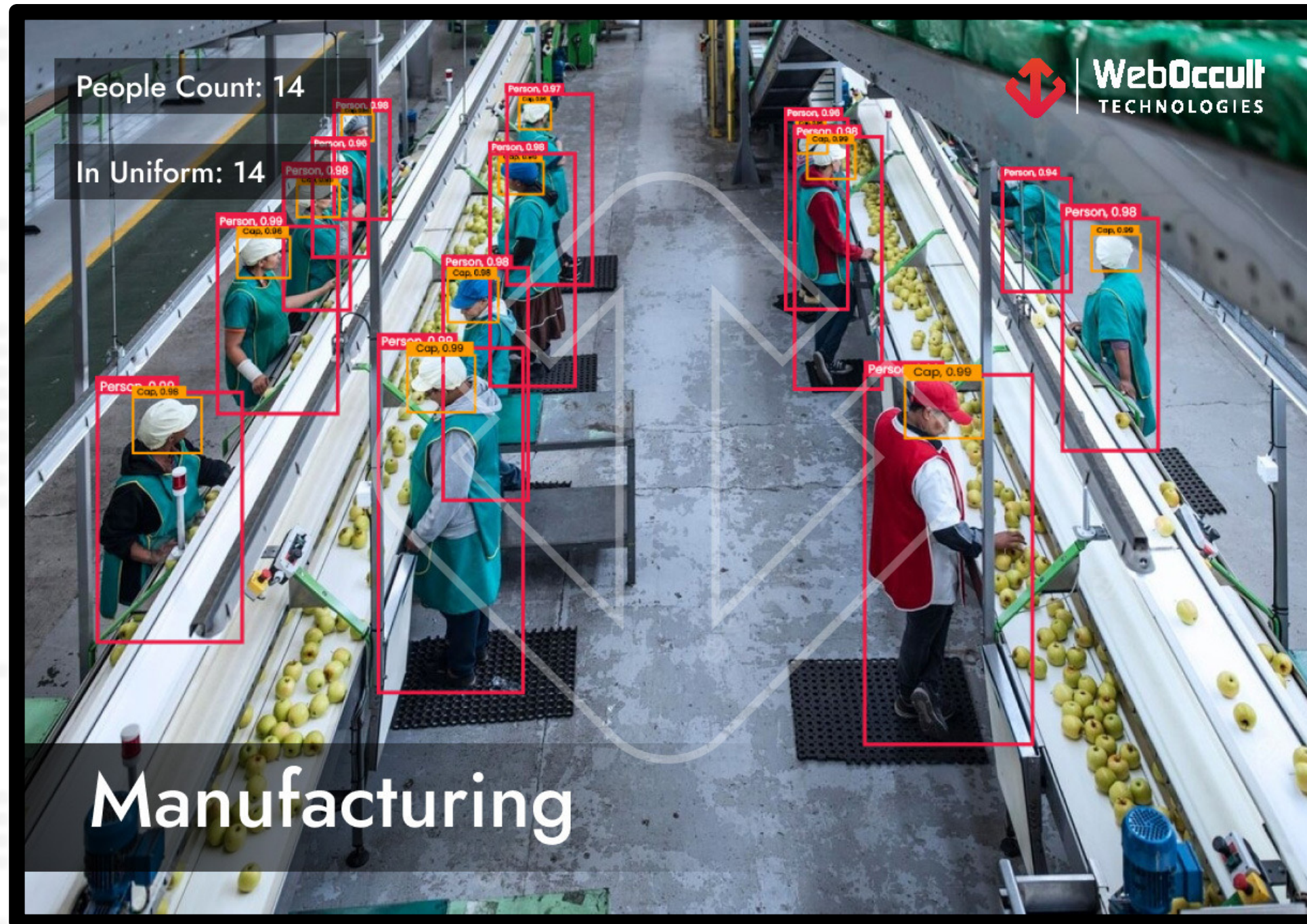
Industries We Serve



▼
Retail Industry

▼
Sports Industry

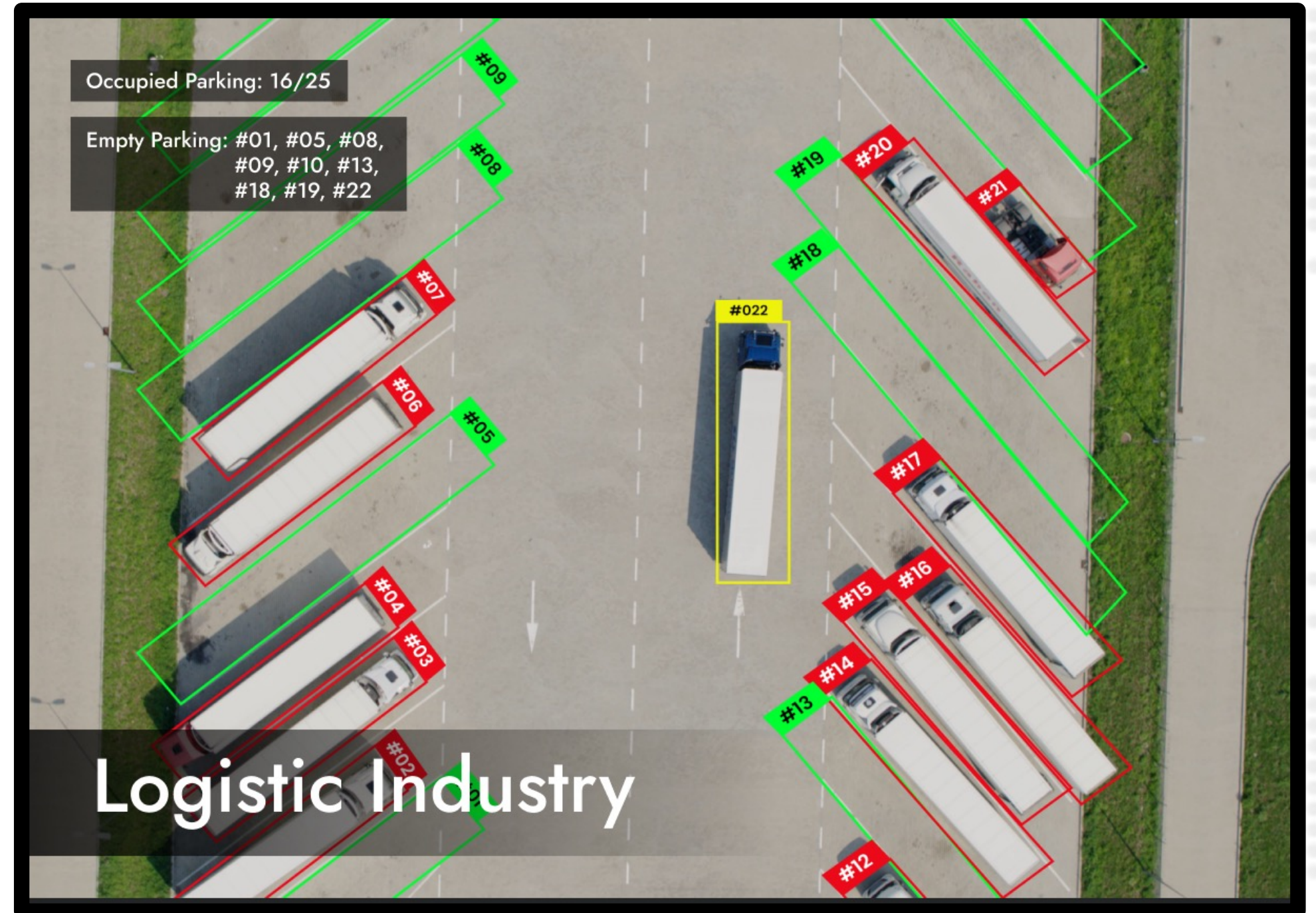
Industries We Serve



Manufacturing Industry

Supply Chain Industry

Industries We Serve



Surveillance, Security & Safety

Logistic Industry



Scale *Your Business* With Us

THANK YOU!



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