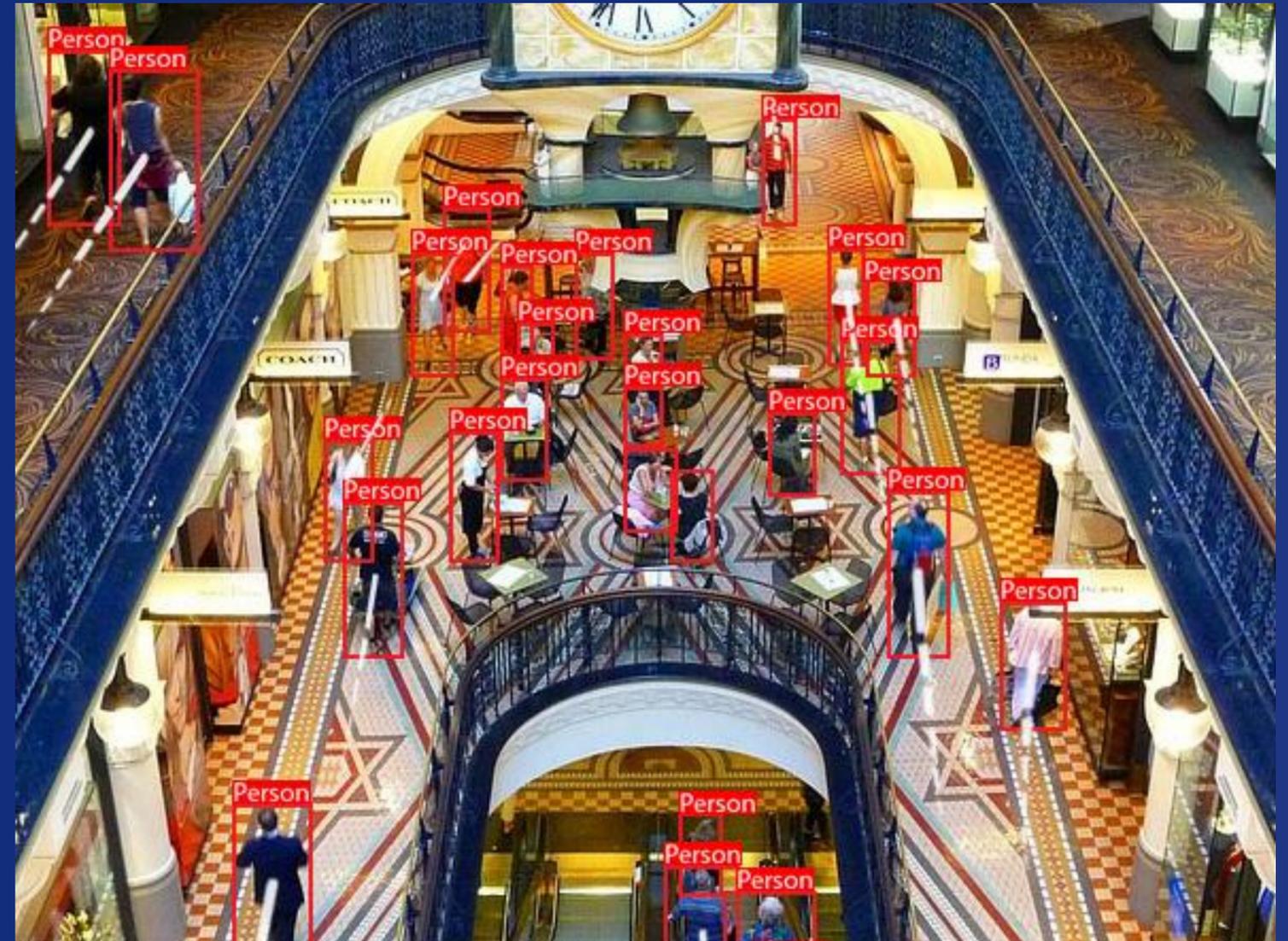


Computer Vision Experts

Shape your future with Artificial Intelligence



Turn data in information and insight into action.

Automate tasks using computer vision



— Products and services

Video Analytics

Pixelvision develops State of Art computer vision solutions with deep learning. Detect and automatically recognize any type of object.

Data Analysis

Based on your data, we help you discover trends. Import your data in your BI-tools or use our Dashboard

Application

Use our systems to power your custom application.

Smart Cities

Detection

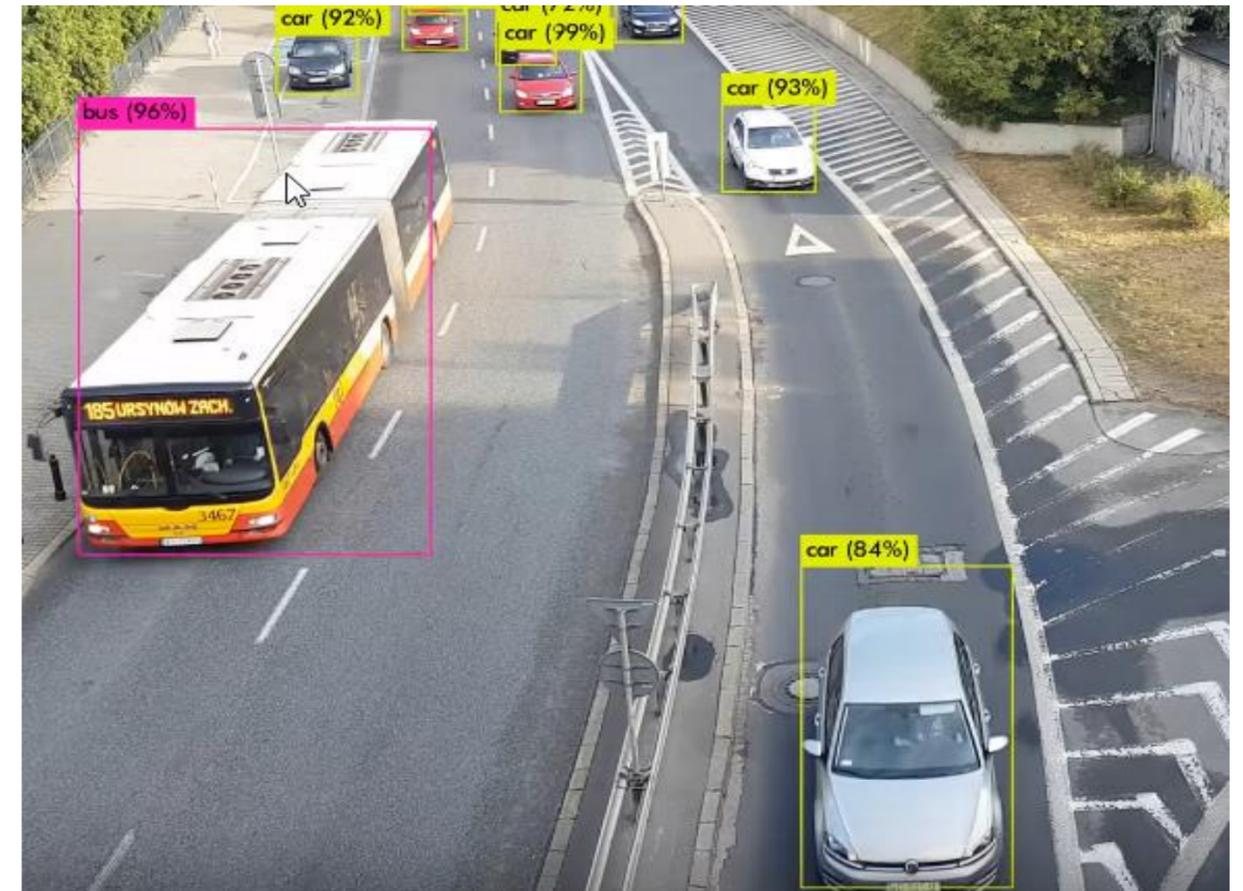
Detect humans, bicycles, cars, trucks, motorcycles,...
Follow the sequence of traffic lights

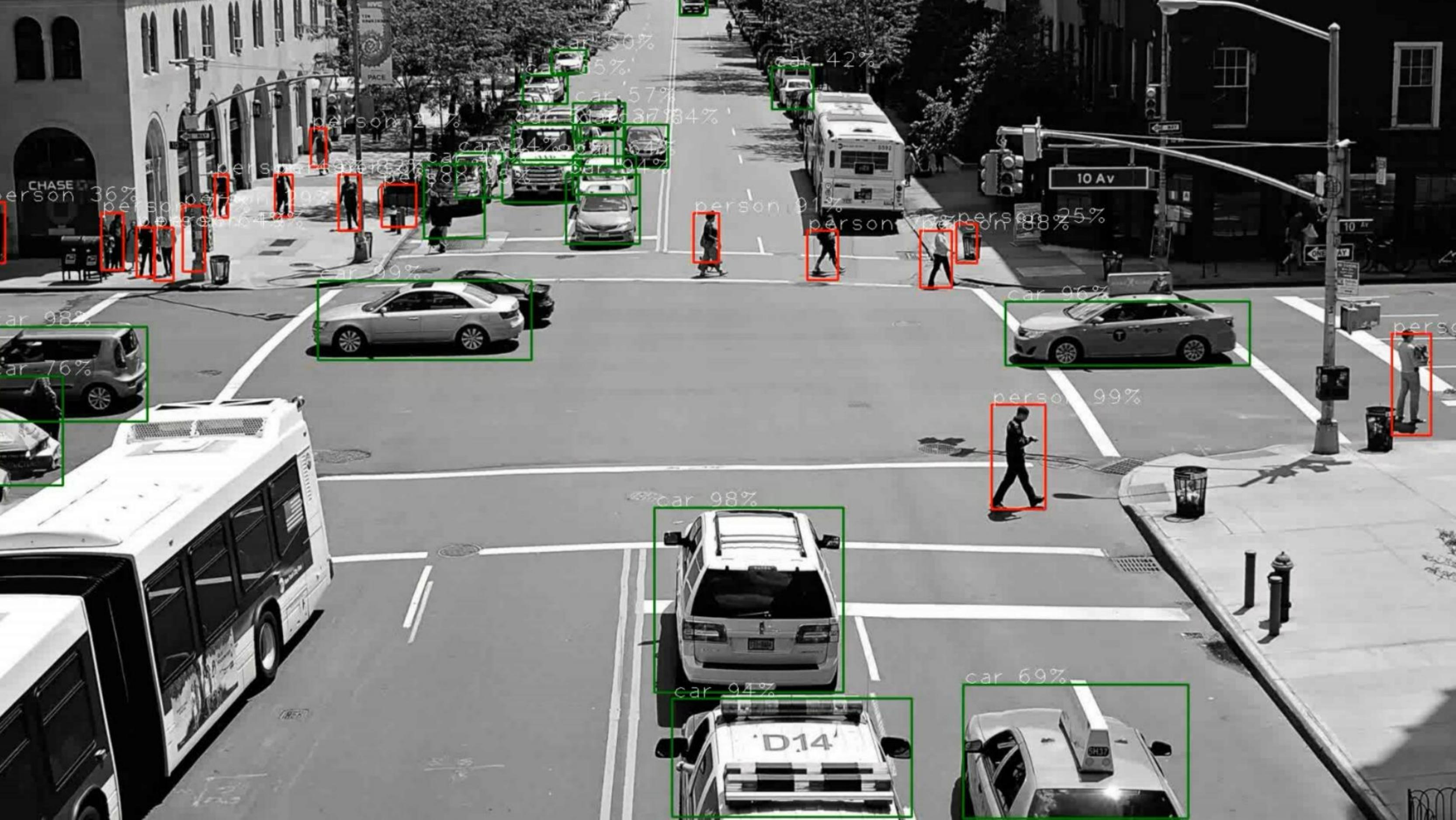
Gather Data

Track each detection individually through a set of frames – real time.

Predict

Estimate policy changes to improve circumstances.





CHASE
person 36%
person 92%
person 64%

car 50%
car 55%
car 57%
car 34%
car 24%
car 94%

car 42%

10 Av
person 25%
person 88%

car 98%
car 76%

car 99%

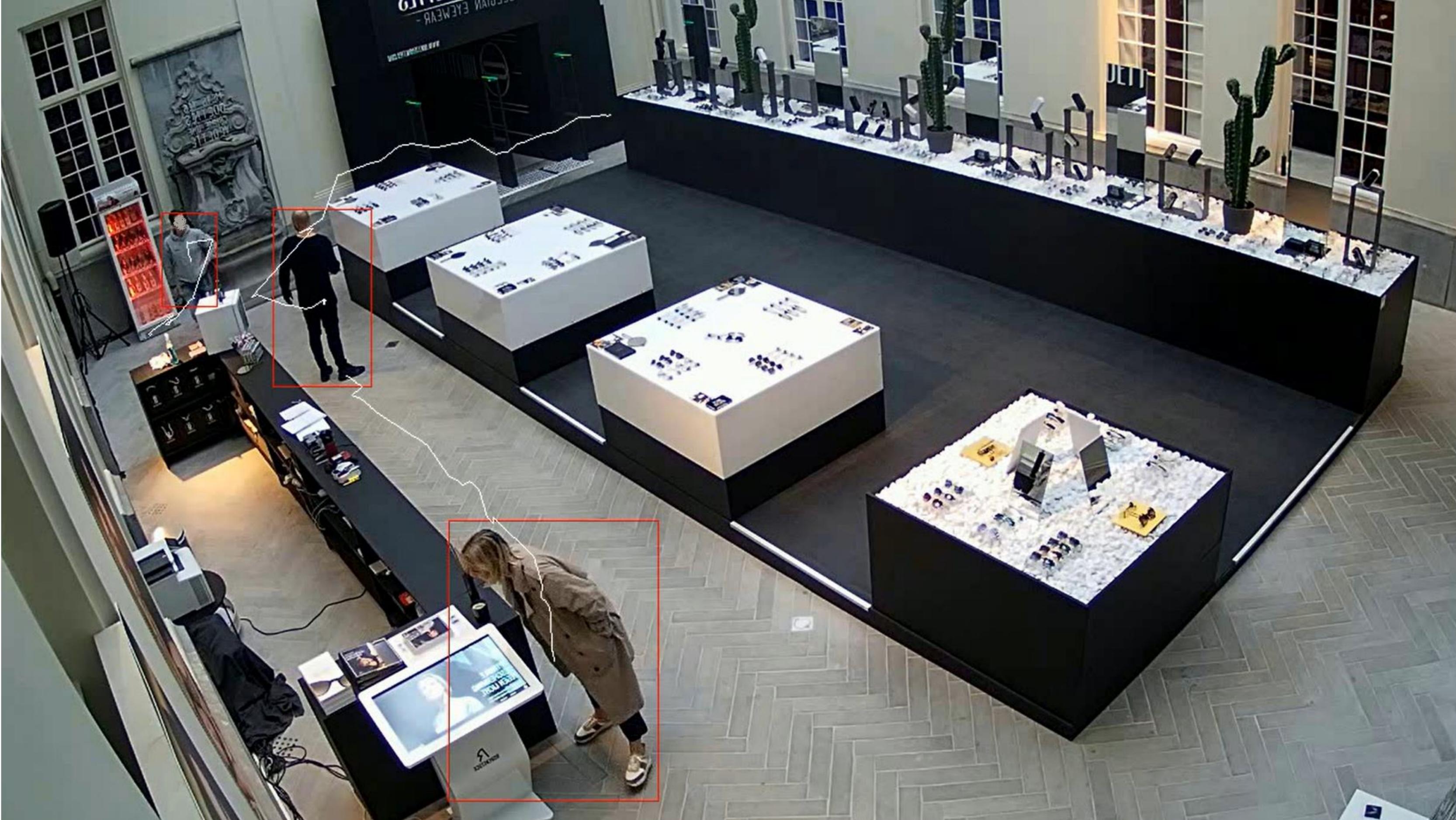
car 96%

person 99%

car 98%
car 94%

D14

car 69%



Security

Perimeter

Detect humans, vehicles, unwanted objects

Gather Data

Counting, tracking,...

Predict

Estimate policy changes to improve circumstances.



Custom Cases

Train

Determine objectives

Provide dataset, annotations

Choose the right algorithms, hardware

Provision of training tools & hardware

Custom software

- Tracking
- Decision making
- Output / communication

Implementation

Hardware implementation, field tests

Boat & Swimmer detection

Setup

- Provision of annotated dataset
- Retraining of their own NN
- Custom build for specific hardware set

Result

- 8% increase of AP on proprietary test data
- Improved result on open source test data set
- NN speed remained the same



Privacy by design

Instant anonymization.
Images are processed
immediately.

Continuous data flow

Gather data 24/7,
anywhere.

Clear overview

Data visualized in your
dashboard.

Real time

Immediate impact.

Hardware agnostic.

Work with an existing
system.

Detect – Track - Predict

Individual data takes you to
the next level.

Why Choose Pixelvision?

Knowledge

Continuous research in conjunction with top tier universities allows us to integrate state-of-art, extremely powerful detection models.

Integration

Our models are built-in house at our office in Hasselt (B), which facilitates communication with dependent services. Pixelvision can provide an end-to-end solution, including hardware.

Experience

At Pixelvision, our codebase supports customers in several sectors. We help logistics providers work leaner by following employee workflow, prevent accidents by giving AGV's vision and automate tedious tasks.

WE'D LOVE TO HEAR FROM YOU!



Get In Touch With Us

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