



nsoft  
**Vision**

## **AI-boosted** Video Surveillance Software

FACE RECOGNITION

TEMPERATURE MEASURING

AGE & GENDER PREDICTION

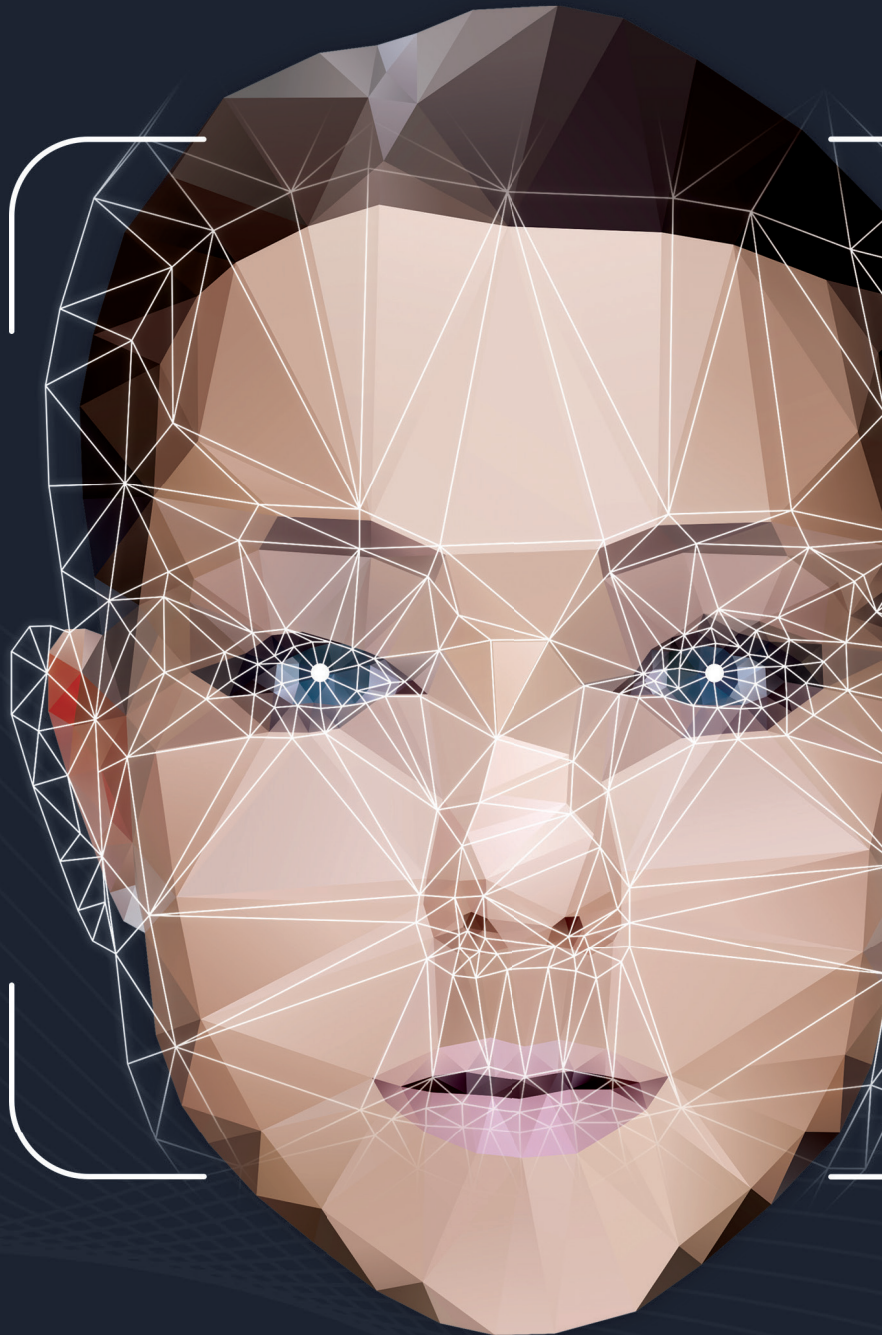
PEOPLE COUNTING

HEAT MAPS

EMOTION PREDICTION

VISITOR TRACKING

MOTION ZONES & AREA SEARCH





nsoft  
**Vision**

**AI-boosted**  
Video Surveillance Software

[nsoft.com/vision](https://nsoft.com/vision)

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36.5°C

Sales Employee

Lena Jones

Female, 31 y/o

## What is Vision

**NSoft Vision is a Video Surveillance Software built to improve security, health, and business performance.**

Just picture having Google analytics for your retail but much easier to use. All thanks to the boost of artificial intelligence. By investing in Vision, you're investing in much more than just security. From now on, keep control anytime, anywhere without the need to constantly monitor live streams.





38.2°C

VIP

Client

Visitor\_53428

Male, 34 y/o

## Vision Health Pass 1.0

**NSoft Vision advances thermal imaging technology with facial recognition to create trusted environments. Prevent any health risks to your staff or visitors by utilizing thermal readings and thus improving the access control.**

We use a multi-layered approach by attaching temperature history logs with recognized people. The user interface provides full control of identity management to implement internal and centralized epidemiological control across your locations.

Safe, Touchless  
and Fast Entry

Temperature Logs  
for Each Person

Flagging Visitors  
with High Temperature


Occupancy Control  
with People Counting





Partner

**Andrew Morrissey**


Male, 26 y/o

 Flag as Blacklisted

 Flag as VIP

 Flag as Shareholder

 Unflag

 Create New Flag

# Flag Important Visitors

**Safety and asset loss prevention is essential for any retail business. You can pick any visitor captured by the system and label it with custom-created flags.**

All identity information is easily edited and customized. Notifications are there to bring you full awareness. Importing identities by the images gives the system ability to spot them upon appearance. This way you have full control of all minor's activity, VIP customers, shoplifters, or blacklisted visitors.



## Track Visitors Across Locations

**Securing the business and managing customer relationships across multiple locations is not easy.**

The path your visitors take often involves a variety of retail stores. Our Cloud-based software allows you to understand the traffic flow across locations and even breaks it down to a visitor level. This way you can track your visitors' activities efficiently and thus optimize your retail services or prevent any suspicious activities.

# Track visitors


## Across Locations

Securing the business and managing customer relationships across multiple locations is not easy

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
This way you can track your visitors' activities efficiently and thus optimize your retail services or prevent any suspicious activities



Sales


Denice Ekdahl

Male, 28 y/o



Visitor\_18735721


Male, 28 y/o



Visitor

Visitor\_84725

Male, 29 y/o



Thoughtful Sales

Visitor\_18735157

Male, 28 y/o


OVERVIEW

SIGHTINGS

SIMILAR


ACTIVITY

LAST SEEN ON:



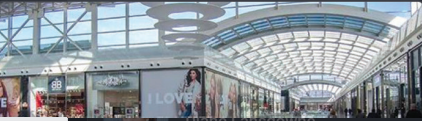
Upper Left 04

4 mins ago




Central Square

25 mins ago



Diane Lansdowne

Female, 28 y/o



GENERAL

Vision Identity ID

732516382749

Platform Profile ID

637482918718

Display Name

Visitor\_84725

Age Prediction

29

Gender Prediction

Male

Group Identity

Normal

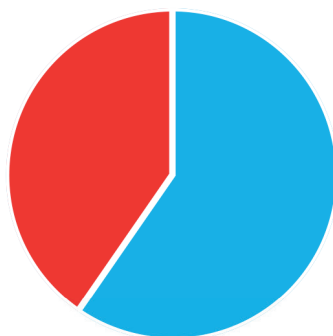
The screenshot displays the NSoft Vision software interface. At the top, a video player shows a security camera feed of an airport baggage claim area. Below the video, a timeline from 16:00 to 21:00 on Feb 7, 2018, is populated with numerous small face thumbnails. A search overlay titled "Search Timeline" is open on the right, featuring a search bar with two entries: "Michelle Kukabango" and "Kris Bodnar". Below the search bar, there are checkboxes for "Search within Motion Zones" with options: Red Zone (checked), Green Zone (checked), Yellow Zone (unchecked), and Purple Zone (unchecked). At the bottom of the overlay are "Reset", "Cancel", and "Search" buttons. To the right of the video player, a list of recent visitors is shown, including Abigail Libbie, Visitor\_7352630, Visitor\_1847343, Regina Pollastro, Visitor\_1847364, Fabiana Capmany, Jesús Moruga, Visitor\_7352630, Visitor\_1847343, and Lucas Pacheco, all marked as "14 mins ago".

# Fast Footage Search

**Rewinding footage is nerve-wracking and time-consuming experience. You no longer need to investigate through hours of video junk.**

Pull the footage from any location, demand only the most relevant parts, and save bandwidth. Timeline component ensures footage search by faces, time, and identity statuses on a scalable preview. NSoft Vision is tailor-made for businesses who want an on-point reaction to protect employees and assets.

Gender Structure



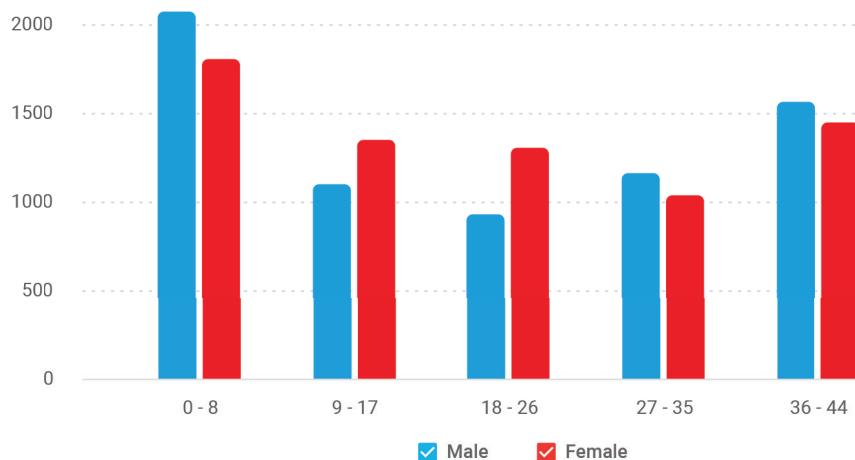
62,38%

✓ Male

37,62%

✓ Female

Age and Gender Distribution



## Retail Demographics

**Imagine having a full overview of your visitor's behavior. Get timely demographic reports displayed on an intuitive dashboard with no additional costs.**

Choose to preview daily, weekly, and monthly reports without any sheets and exports. Vision reports enable you to understand traffic trends, busy periods, age, and gender structure of your visitors, the most active visitors, so forth.





## Heat Mapping

**There is a simple approach to understanding your customers that doesn't involve asking questions or gaining years of experience. You can get an insight into your customer activity in a visually-friendly way.**

With these custom-made reports you will know what retail spots attracted most visitors. The heat map presents attraction areas making it easy to make decisions. This service enables you to plan retail design, do assortment replacements at the store, or improve your overall service.

# Remote Access

**Need to access the footage or data from a remote location? Our Cloud-based technology allows you to check events across sites.**

Cafe Wi-Fi, shared hotel internet, or central monitoring location - not a problem. Watching live streams is bandwidth-friendly thanks to effective video compression and all visitor profiles are available for central viewing. Data is not only recorded but properly delivered in your hands to get meaningful and effective results.

Dashboard

LiveView

Directory

Reports

Search...

Labels

Outdoor9

Indoor - First Floor4

Indoor - Second Floor13

Locations

All

Train Station32

Airport13

Shopping Mall27

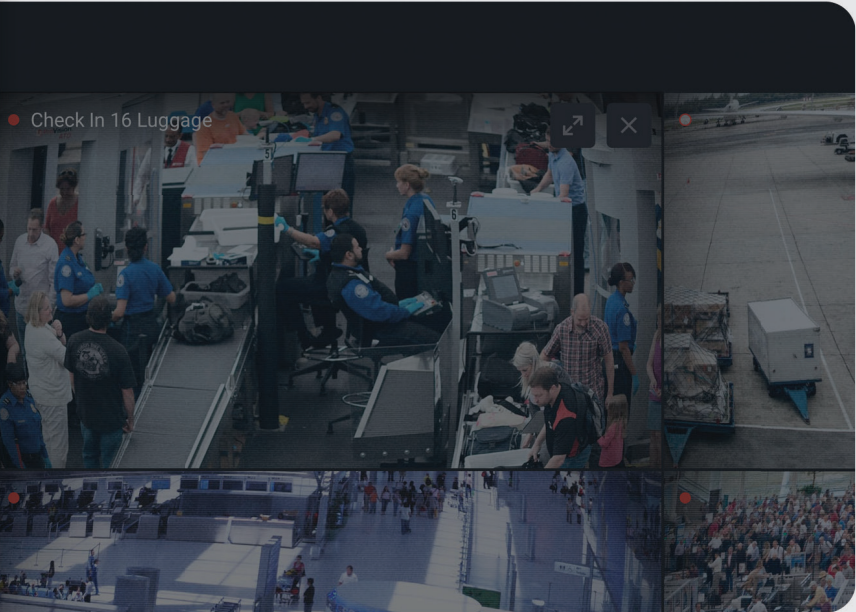
Lewis Avenue Chicago19

Mr. Burns Office London3

NSoft San Francisco7

Cancel

OK



# AI Features

## Face Recognition

Import or identify visitors with frame-by-frame detection in a dynamic retail setup

## Age Prediction

Industry-standard age estimation within +/-5 year range from real age

## Gender Prediction

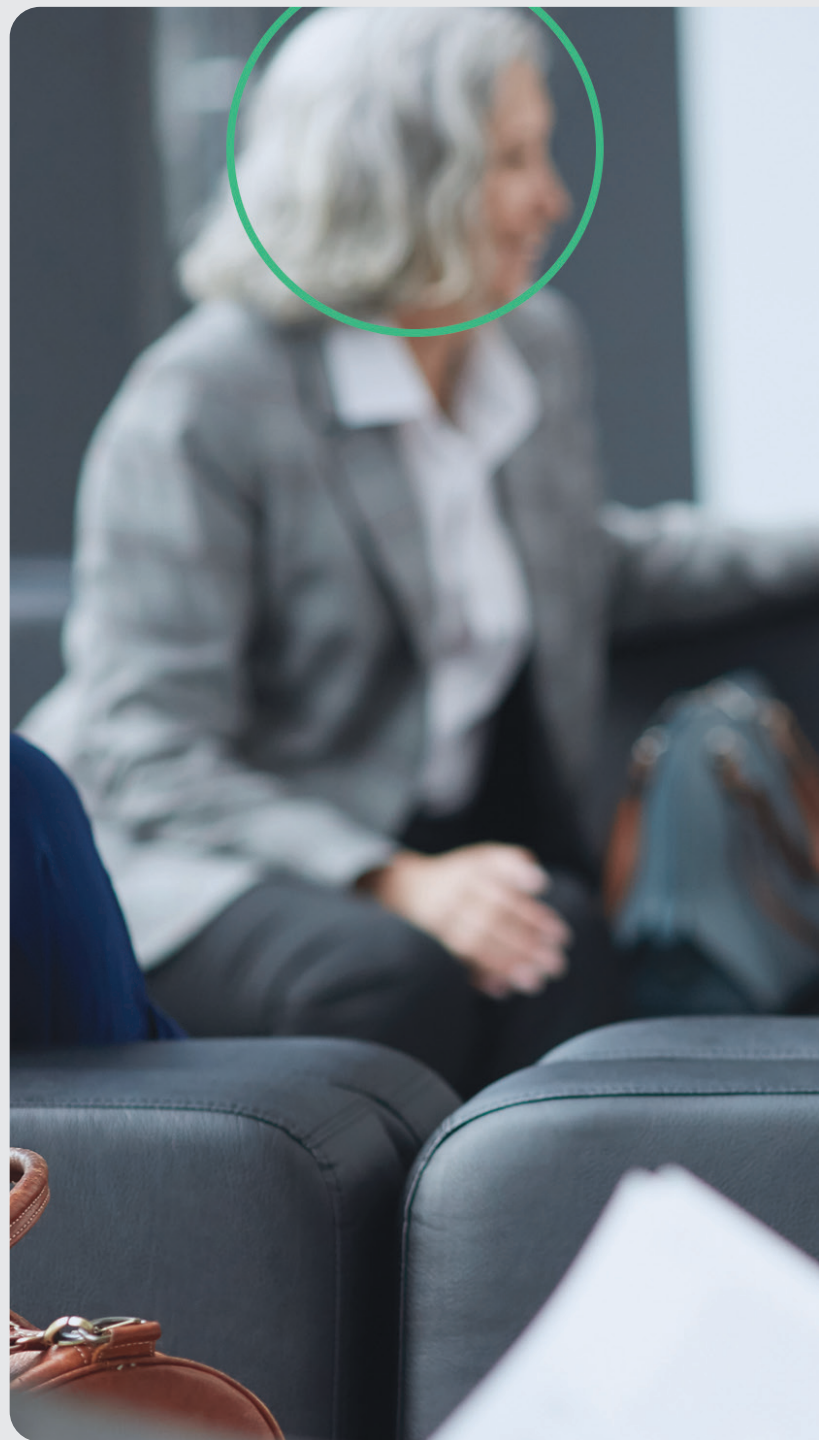
99% success rate in a controlled environment

## Emotion Prediction

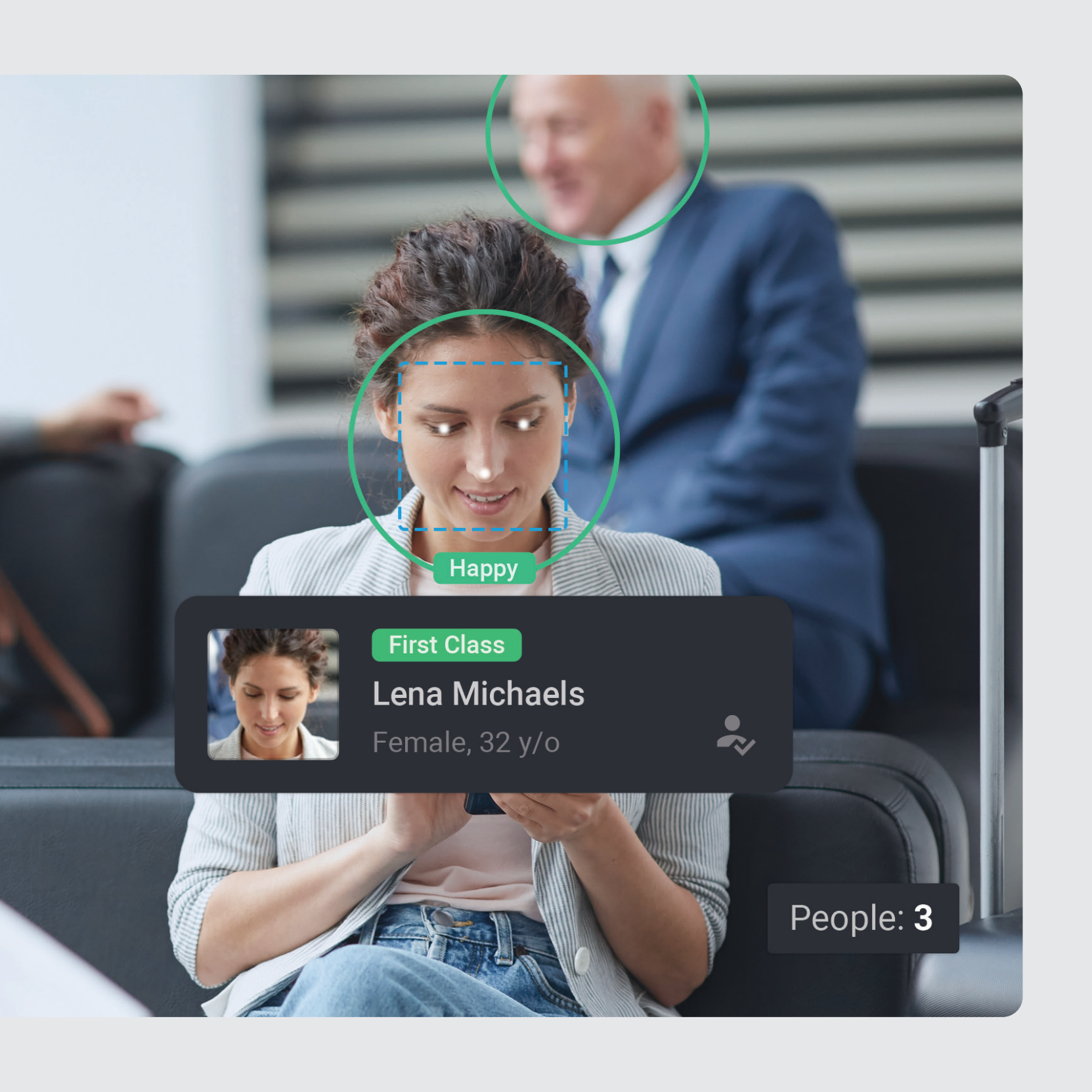
Prediction of eight emotional states for customer satisfaction insights

## People Counting

Real-time awareness of the current number of people in front of cameras







Happy



First Class

Lena Michaels

Female, 32 y/o



People: 3







# Surveillance Features

## Live Streaming

Watch up to 16 camera streams with less than 1 Mbps per stream

## Playback

Easily search and pull only relevant footage on-demand without needless network traffic

## Continuous Recording

24/7 recordings stored in compliance with Video Retention Requirements

## Motion Zones & Area Search

Up to 4 custom zones with flexible sensitivity and motion area search

## PTZ & Audio Support

Pan, tilt and zoom the camera through user interface + audio support

# NSoft Vision **Retail Setup**



**Vision Local Server**

AI Stream Processing  
+ Storing footage

+



**Cloud Instance**

Encrypted Metadata

+



**IP Camera**

Any IP Camera Brand

Easy to **Install**, Simple to **Configure**

1

Fast installation with **bootable USB for Vision local server**

2

Connect local server with a Cloud Instance by generating **connection code** (Generate code for Local-Cloud connection)

3

Add Cameras automatically with **instant network scan**



**Software Updates**  
with no hidden costs



**On-Demand Full Local Setup**



**IP Cameras**

Save expenses by using what you already have at your retail

## Supported Camera **Types:**

1500+ IP camera brands supported



Dome



Bullet



Turbo HD



Thermal



PTZ



Wide Dynamic

### Face Recognition Requirements

Successful recognition up to 5 meters distance from faces using average IP camera

Successful recognition with head rotation up to 30 degrees horizontally, 30 degrees vertically

H.264 codec support

Efficient down to 720p HD resolution with 20 fps

# Work with Us

## DISTRIBUTOR

Supply hardware equipment  
along with our software solution

## RESELLER

Offer the product to your existing market  
for a commission fee

## INTEGRATOR

Utilize our AI services or Video Management Software  
for integrated security or business use cases

## CLIENT

Install Vision at your own premises

## CONTACT US



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