

Business  
Intelligence

**Business  
Data in  
Real-time**

Optimize  
Operations

**Get Rid  
of Manual  
Labor**

Customer  
Experience

**Know  
All Your  
People**

Responsible  
Gaming

**Avoid  
Costly  
Risks**

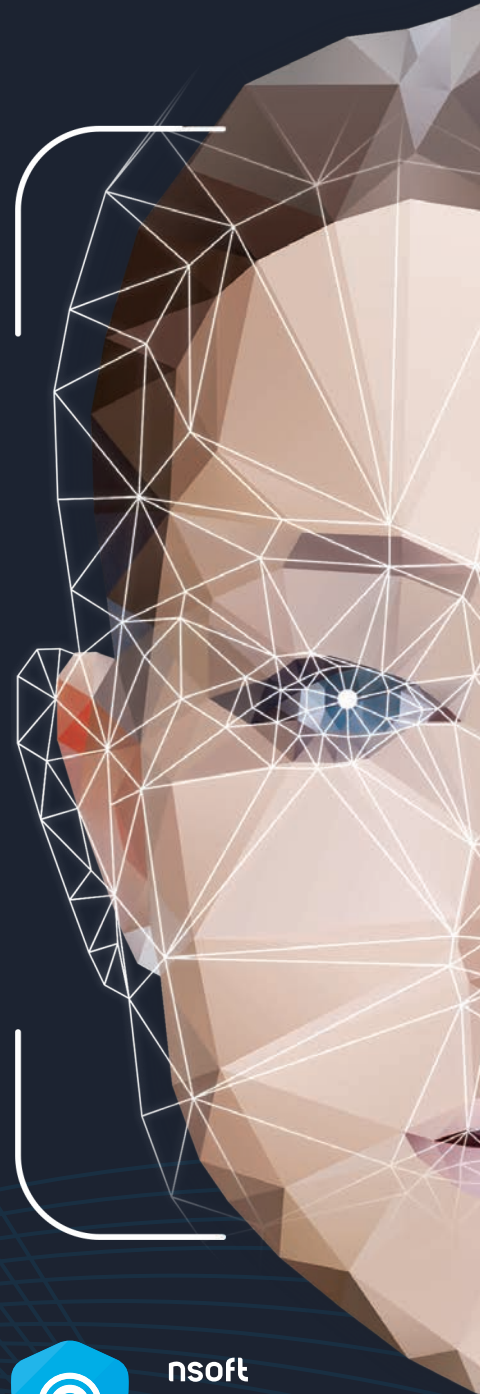
FOR LANDBASED GAMING & BETTING

# The Future Just Got Smarter.

A Worthy Video Makeover  
For Better Business Operations & Safety



nsoft  
**Vision**



**AI-powered Video Intelligence for Gaming & Betting**  
Do more with your IP cameras.



**Content**

<b>INTRODUCTION</b>	
Fluent in Betting & Video	4
<b>TAILOR-MADE</b>	
Business Intelligence	5
Optimize Operations	5
Self Service	6
Responsible Gaming	7
<b>GAMING USE CASES</b>	
Cross-location punter tracking	8
Underaged betting detection	9
Self-exclusion management	10
Flagging blacklisted punters	11
Player registration & onboarding	12
<b>GENERAL USE CASES</b>	
Advanced visitor demographics	14
Retail analytics & heatmaps	15
Real-time notifications	16
Fast incident response	17
<b>FEATURES</b>	
AI Features	18
VMS Features	19
<b>WHY CHOOSE US</b>	
Retail Setup	20
Camera Types	21
VISION SETUP	22
PARTNERSHIP	23



Punter VIP

Clint Funk  
Male, 30 y/o

# Fluent in Betting & Video

For Gaming Businesses. By the “Gaming” Provider.

Vision is built by an award-winning software provider, NSoft. For over a decade, and counting, NSoft is recognized as a reliable partner to betting & gaming businesses across the globe.

## A Modern-day Video Management System

We raise your business & safety standards through video. This in-house-built, artificially intelligent system illuminates retail with data using cameras you already own.



Punter High Roller

Dominic Spencer  
Male, 59 y/o



Visitor

Jody Rohan  
Male, 28y/o

## Business Data in Real-time

Up-to-minute data and visualization keeps you on top of your gaming operations. It's an instant awareness for high-business executives.

- retail performance
- trading performance
- global analytics
- custom-created notifications

## Reduce Manual Labor

We don't promise you will go staffless, but leveraging video can move the needle to reach your automation goals.

- Real-time data streaming
- Remote system management
- Data centralization
- Integration-ready





# Know All Your People

Two key components make self-service betting feasible: reliable technology and safety. We bring in both.

- Analytics per SSBT
- Notifications for custom events
- Increased SSBT's safety
- Cross-channel analytics & visitor history

# Avoid Costly Risks

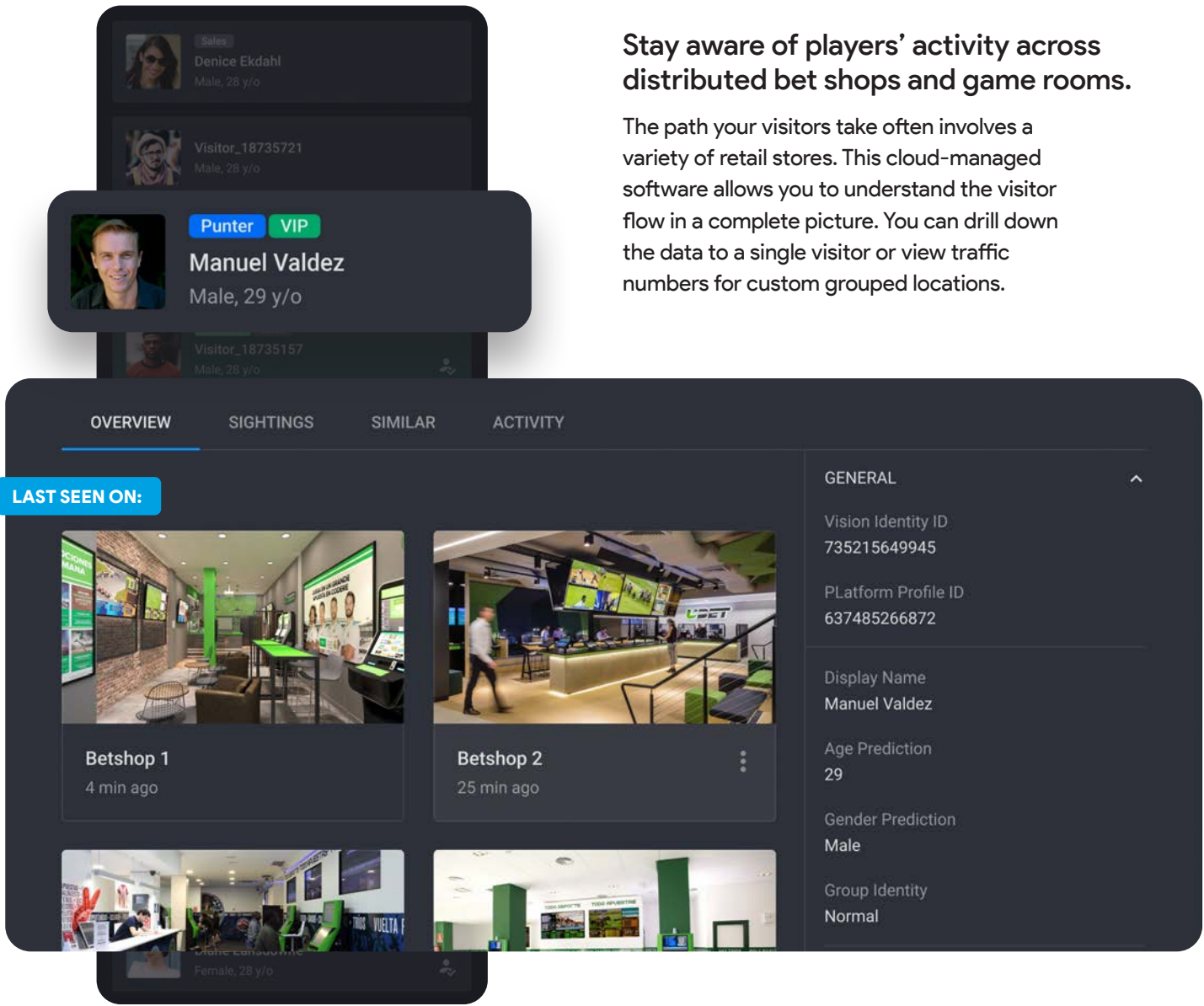
Reduce gambling risks by introducing innovation. Using Vision, you can complement your safer play efforts from a number of angles.

- Prevent underaged betting
- Detect problem gambling
- Manage self-excluded players
- Track playtime and wagering history

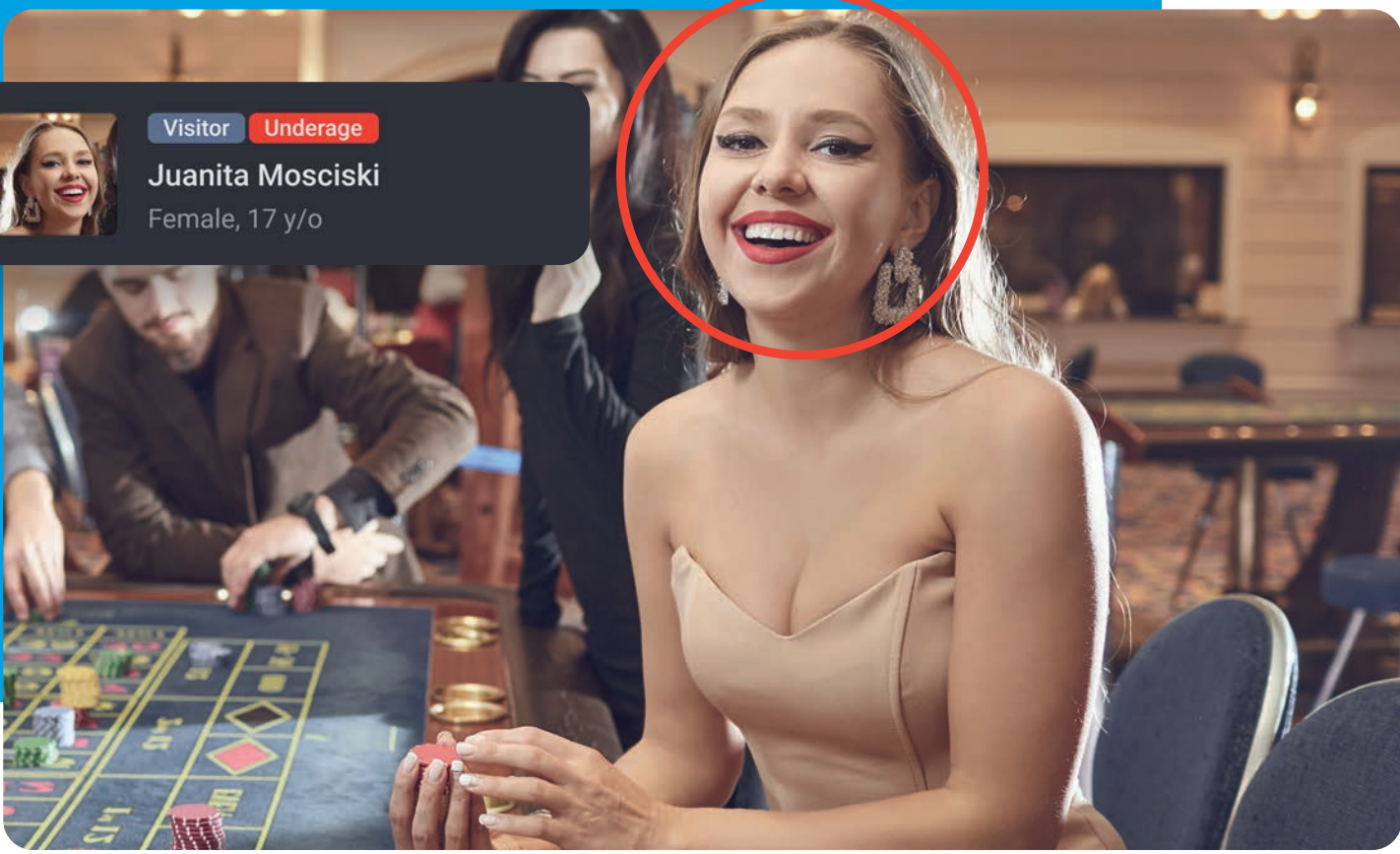
# Track Punters Across Locations

Stay aware of players' activity across distributed bet shops and game rooms.

The path your visitors take often involves a variety of retail stores. This cloud-managed software allows you to understand the visitor flow in a complete picture. You can drill down the data to a single visitor or view traffic numbers for custom grouped locations.





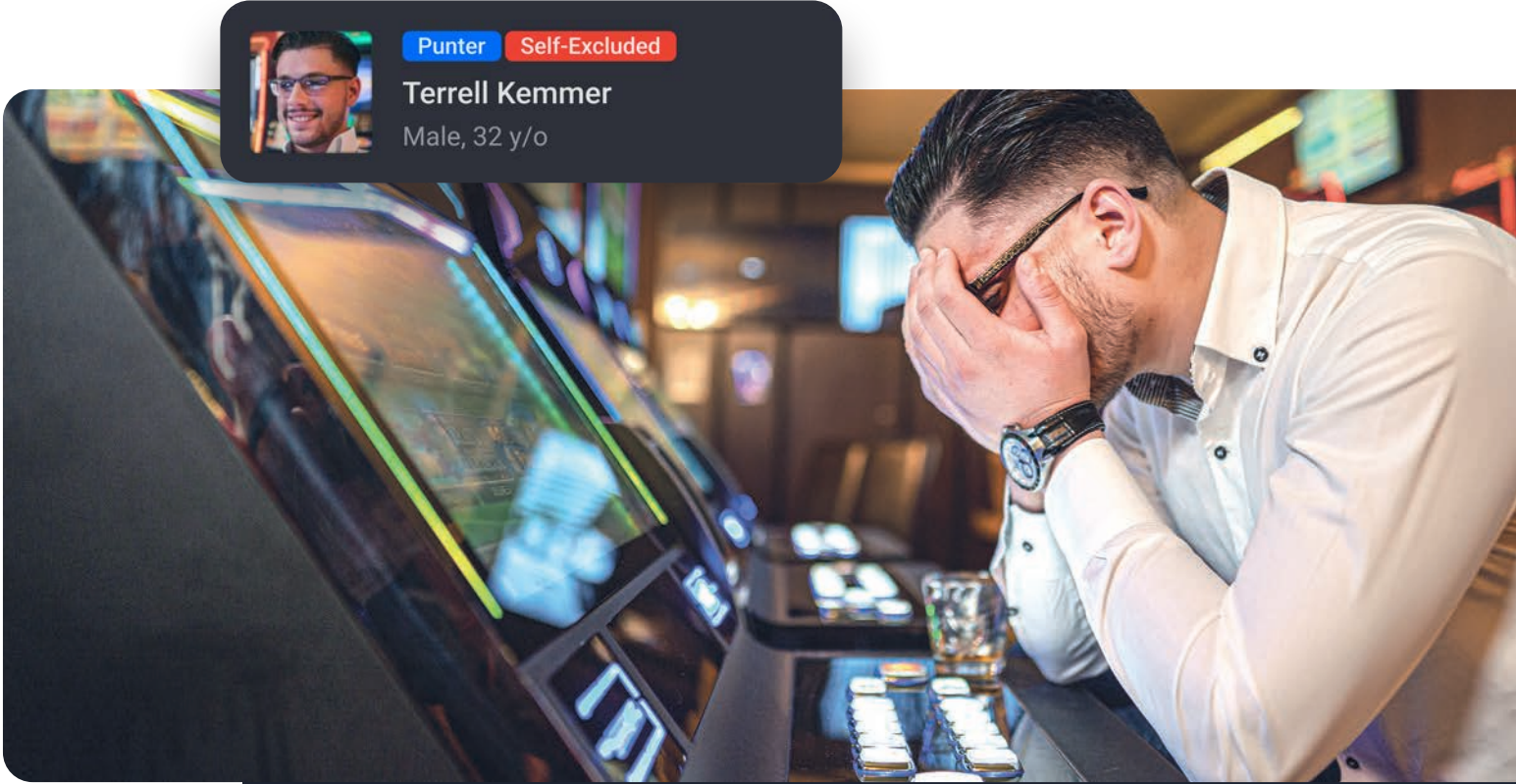


# Detect Underaged Players

Age identification allows you to take measures against minors' activity.

Set up triggers to receive real-time, in-shop notifications. Industry-standard age prediction works with high accuracy rates to detect first-time wrongdoers. Person identification, alternatively, allows you to instantly spot minors you caught in the past.


# Manage Self-excluded Players



Support those who no longer want to bet. Detect signs of problem gambling and set proper constraints.

Import self-exclusion forms into a system. Onwards, the system will send notifications if problem gamblers show up again. NSoft Vision will also support you to detect signs of problem betting, e.g. long play times and cross-site visits.







Punter


Blacklisted


Frank Scotch


Male, 31 y/o


 Flag as Blacklisted

 Flag as VIP

 Flag as Shareholder

 Unflag

 Create New Flag




Punter

VIP

Peter Wilander

Male, 30 y/o



# Keep Blacklisted Punters Out


Import blacklists in bulk. Mark suspicious punters. Get notified in real-time, locally and centrally.

Importing face images is enough to accurately recognize blacklisted punters if they stop by. Problem makers or suspects that visit regularly can be flagged for caution - without any image import. You choose how you manage visitors, and who receives alerts on spot.

# Quick Pass for Registered Punters

Your registered punters can enter the casino with zero hassle, thanks to automated face verification.


Stream the third-party registration data to Vision. Next time punters come in, the system will check their faces against the database and provide the staff with feedback - whether they are registered or not. This way, your visitors can enter the game room without stopping.



Registered punter

Judith Howell


Female, 25 y/o



Registered punter

Dashonte Clarke


Male, 36 y/o



Employee


Johnathan Cartwright

Male, 28 y/o




Xing Zheng

Male, 27 y/o




Chakrika Joyanto

Female, 24 y/o



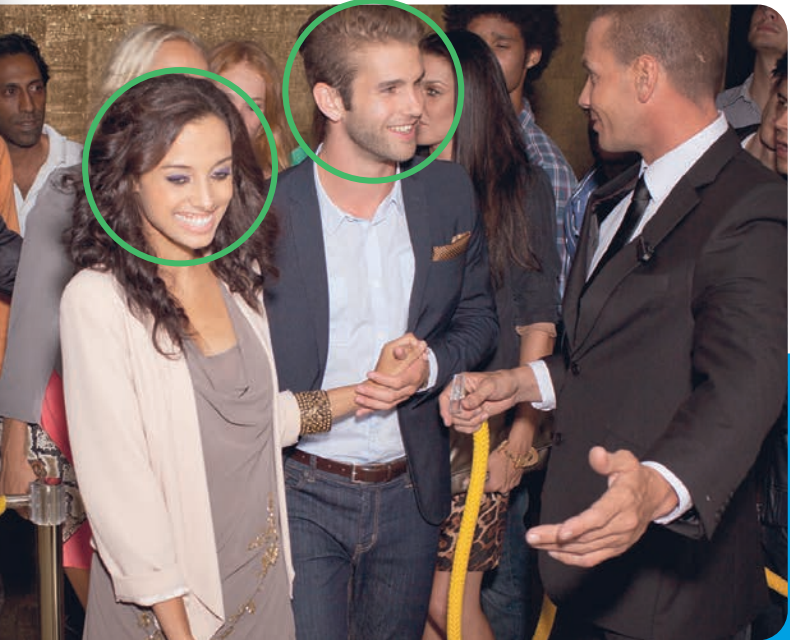
Prescott MacCaffery

Female, 28 y/o



Olivia Eklund

Female, 22 y/o

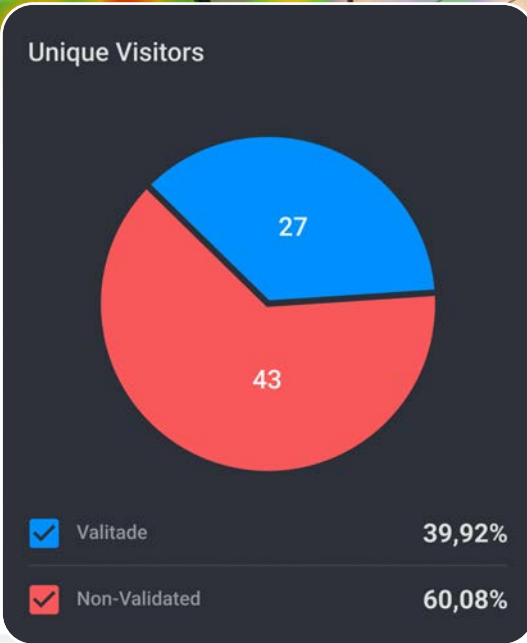
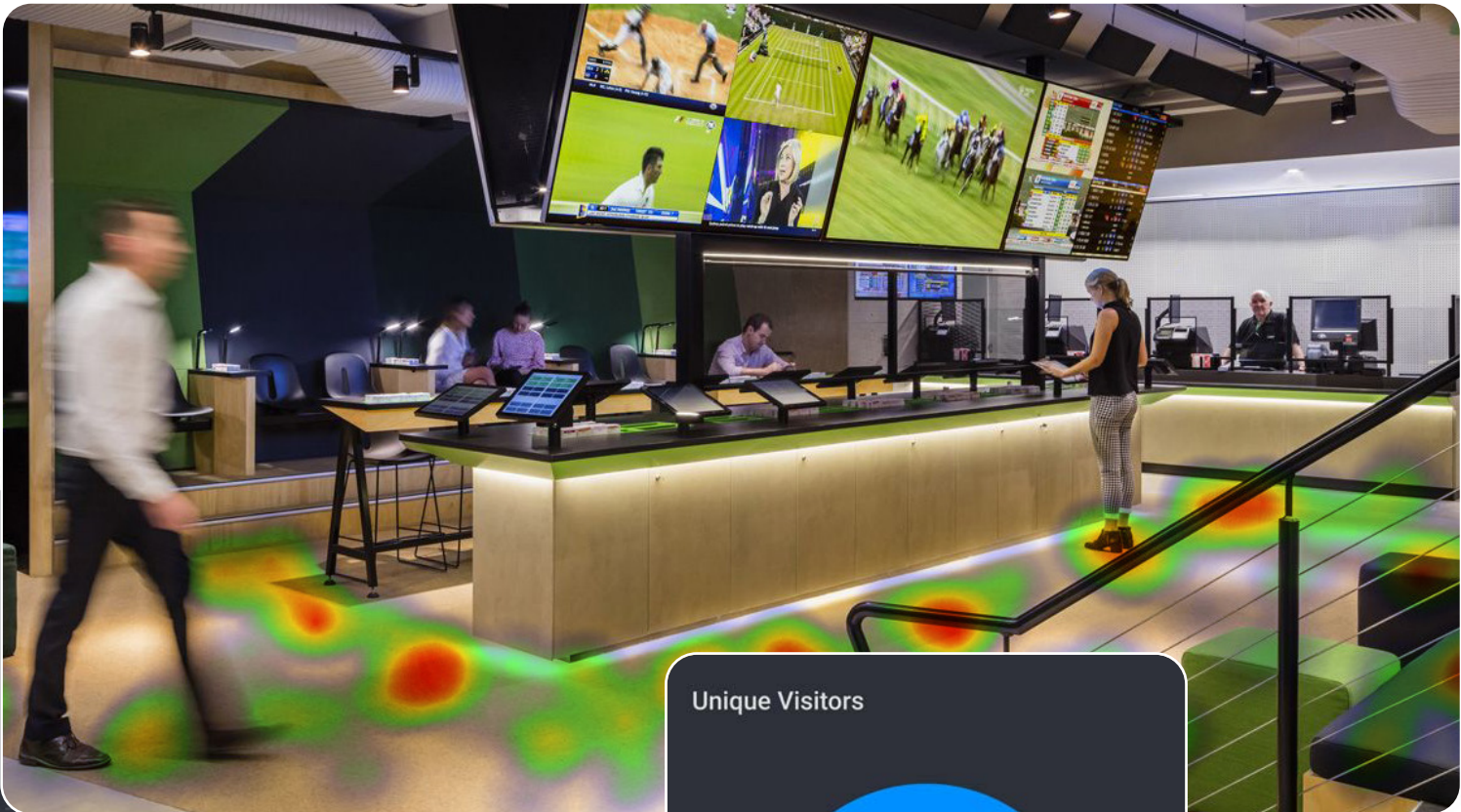
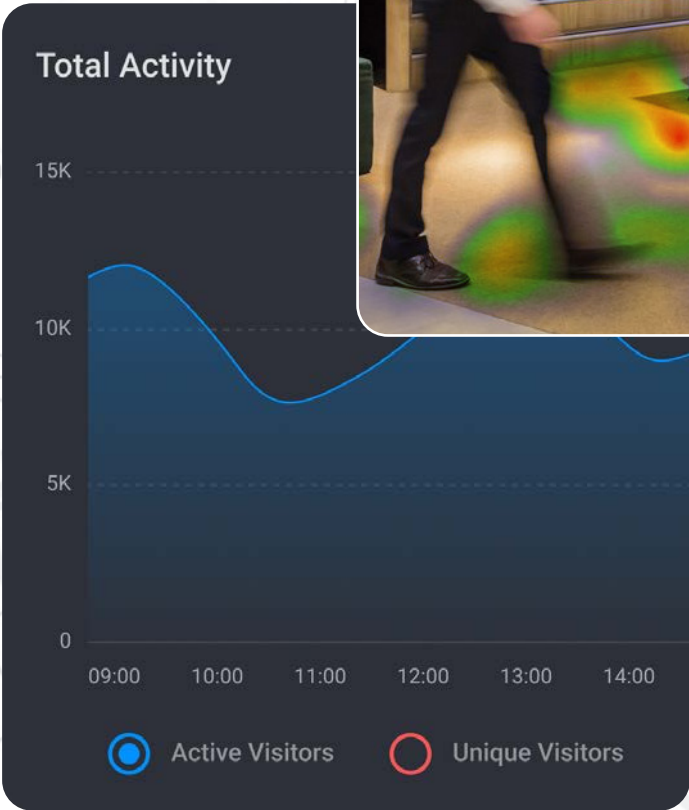
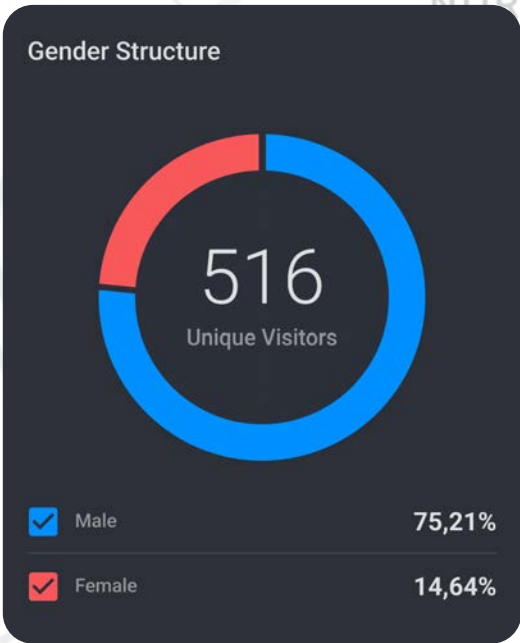




# AI Visitor Demographics

Their age and gender. Seamlessly collected, highly accurate, and nicely visualized.

Age prediction works with an industry-standard precision of +/-5 years. Gender prediction, all things in place, works with over 95% accuracy. Visual charts, backed with clean data, make sure you're looking at valid information you can draw decisions from.



# Gaming Hall Analytics & Heatmaps

Data.  
People Count.  
Traffic Trends.

Vision brings data into your retail gaming, the same way Google Analytics does for your website. Both with extensive historic reports and by showing traffic numbers in real-time. Heatmaps, as a bonus, help you understand what areas draw in most of your customers.



# Real-time Notifications

Define key moments. Choose who gets notified. Let the right people stop incidents in the roots.

Instant awareness is possible thanks to cloud-to-edge setup and robust user management options. Choose whether your staff gets notified for overcrowding, flagged identities, motion, specific age and gender groups, and even body temperature.



# Fast Incident Response

Search for events or faces. Find exactly what you were looking for in minutes or seconds, even remotely.

Multiple layers make inspection efficient. First, you get a notification with all crucial information. Second, you can scroll over events on an AI-boosted timeline. And finally, you get to forward necessary details that help authorities to better react to incidents.



# AI Features

## Face Recognition

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

## People Counting

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

## Age Prediction

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

## Gender Prediction

95% success rate in a controlled environment

## Emotion Prediction

Prediction of eight emotional states for customer satisfaction insights

# VMS 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

## PTZ & Audio Support

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

## Motion Zones & Area Search

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





# Why Choose Us?

## We make your existing cameras better

There is no need to buy a high-end smart camera.

We support over 1500 camera brands, and varying brands even in a single instance.

## Our system is multi-tenant and scalable

With comprehensive user management at your disposal.

Plus, you can scale up to over hundreds of bet shops.

## We built our AI and we own it

Artificial intelligence is built, tested, and trained in-house - with 2 petabytes of data in 5 years.



## Integrate Vision with betting admin platforms

Single Vision API is ready to feed video analytics data into any betting admin tool. It's already a part of NSoft's Seven Admin platform.

## Make your SSBTs smarter and safer

Built-in cameras turn SSBT into a single bet shop with advanced analytics and safety. The same applies to slot machines.

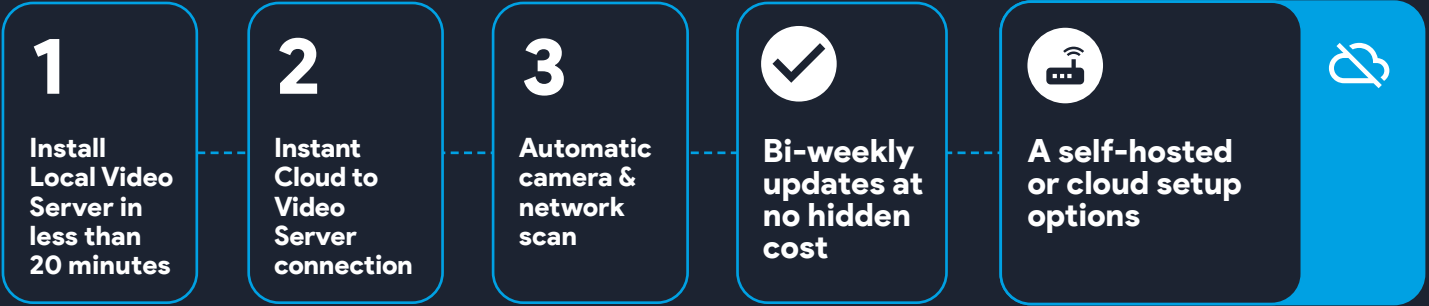
## Stay GDPR Compliant

NSoft Vision will fit your regulatory objectives. It is why we build data minimization features and repurpose the product to reach compliance.



# NSoft Vision Retail Setup

EASY TO INSTALL, SIMPLE TO CONFIGURE



**Vision Local Server**  
AI Stream Processing  
+ Storing footage

+



**Cloud Instance**  
End-to-end encryption

+



**IP Camera**  
1500+ supported brands



## IP Cameras

Save expenses by using what you already have at your retail

# Supported Camera Types



Dome



Bullet



Turbo HD



Thermal



LPR



PTZ

## 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

IP camera brands supported

**1500+**

# Work with Us

## DISTRIBUTOR

Supply hardware equipment  
along with our software solution

## RESELLER

Offer the product to your existing market  
for a commission fee

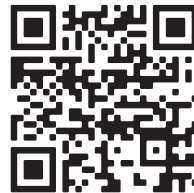
## INTEGRATOR

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

## CLIENT

Install Vision at your own premises  
Work with Us

## CONTACT US



## AI Video Management for Gaming & Betting

Do more with your IP cameras.

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







Bleiburških žrtava bb, 88000 Mostar,  
Bosnia and Herzegovina

+387 36 317 710

[info@nsoft.com](mailto:info@nsoft.com) | [sales@nsoft.com](mailto:sales@nsoft.com) | [marketing@nsoft.com](mailto:marketing@nsoft.com)  
[nsoft.vision](http://nsoft.vision)