



Vehicle detection settings

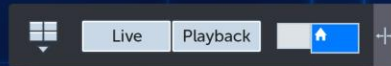
COLOR

INTENSITY

VENDOR

LPS

Options Search



Integration. Intelligence. Cloud

# Company Profile

## AXXONSOFT GLOBAL OFFICES



### THE AMERICAS

USA  
MEXICO  
ARGENTINA  
BRAZIL  
PERU

### EMEA

#### IRELAND (HQ)

GERMANY  
SPAIN  
ITALY  
UK  
FRANCE  
BULGARIA  
POLAND  
BALTICS





24/7 technical support

30 offices around the world

Extensive partner network



# Products & Technologies

GENERAL  
INFORMATION



## Video Management System

Axxon One is limitlessly scalable video management software that combines comprehensive support for 10,000+ IP devices and a streamlined user interface. Axxon One offers unique value through features like smart forensic search in recorded video and customizable video analytics powered by artificial intelligence.



## Physical Security Information Management System

Axxon PSIM is the best choice for managing hundreds or thousands of cameras in a custom-built security system, or when you need CCTV integrated with access control, perimeter protection, fire and security alarms, and sophisticated functionalities such as facial recognition, ANPR, and POS or ATM monitoring systems.



Axxon VSaaS  
DATACENTER

## VSaaS Software Platform

Axxon VSaaS Datacenter is a software platform that enables telecoms carriers, cloud service providers, integrators, etc. to build their own branded, hosted or hybrid, hardened and AI-powered VSaaS solutions, tailored to meet the specific business and security needs of diverse industries and public institutions.

### AI Video Analytics

Full-cycle development of custom and general-purpose neural network analytics.

### Smart Search

We are the pioneers in smart search technologies for recorded video that enable you to quickly find recorded events of interest.

### Integration

Comprehensive support for dozens of physical security systems, thousands of IP devices, and standard communications protocols.

### Automation

Flexible configuration of complex system response scenarios with GUI tools and a scripting programming language.

# AI Video Analytics

FEATURES



## Custom and General Analytics

AxxonSoft provides ready-made neural networks for common tasks such as human/vehicle detection, human posture recognition, and fire/smoke detection under standard conditions. As well, we train AI for specific conditions and tasks: unusual viewing angles, difficult lighting, detection of particular objects, thermal camera use, etc.

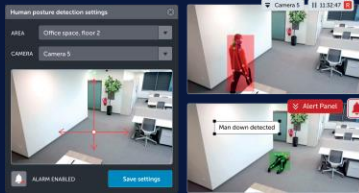


## Full-Cycle Development

We have at our command a full cycle for AI video analytics development. This enables us to implement a turnkey AI training program to meet your specific needs. To achieve the highest possible accuracy, we leverage your system with neural networks trained using videos from your actual site and suited to your specific tasks.

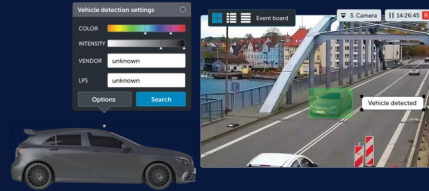
# AI Video Analytics Tools

FEATURES



## AI Behavior Analytics

Detection of suspicious or abnormal behavior by recognizing certain human postures.



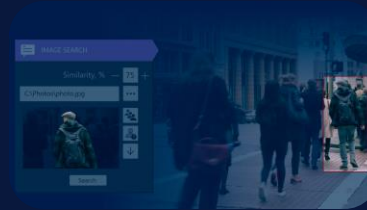
## LPR and vehicle make, model, and color recognition

AI identifies and stores the make, model, speed, and color of vehicles in a traffic stream.



## AI PPE Detection

Workplace safety enforcement by detecting people wearing no personal protective equipment.



## AI Similarity Search

AI analytics extracts human appearance characteristics and stores them in the database.



## AI Fire and Smoke Detection

Early detection of fire hotspots in areas where regular sensors are ineffective, e.g., in open spaces.

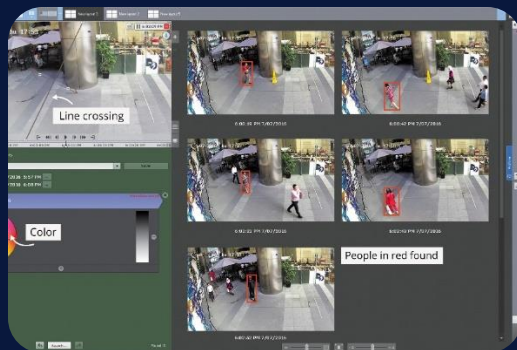


## AI Dynamic Privacy Masking

An intelligent, resource-optimized algorithm reliably masks objects in the camera's FOV while using minimal computing power. You can also use AI detection to hide only certain objects, such as people.

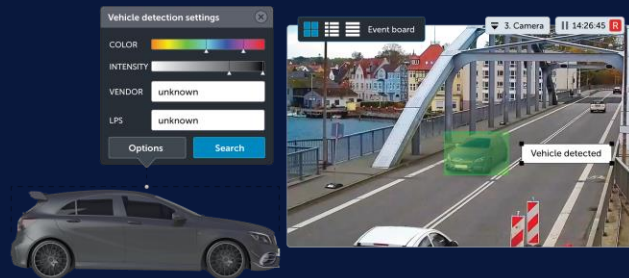
# Smart Search in Video Footage

FEATURES



## Multiple-Criteria Search

Real-time scene analysis and metadata stream recording. To retrieve recorded footage of an event of interest, just enter specific criteria: motion in an area, line crossing, object color and size, etc. Within seconds, the system displays thumbnails of relevant video episodes.



## Face and License Plate Search

Capture and recognition of human faces and vehicle number plates that appear in the FOV. You can quickly check a person's photo or a vehicle number, full or partial, against the video footage. Multiple camera search is also possible.

# Integration

FEATURES

ONVIF Profiles S, G, T, M, C

BACnet

OPC

Modbus

SNMP

ATM

POS

Intercom

Public address



Access control

**40+**

systems



IP device

**10,000+**

models



Fire and security alarm

**40+**

systems



Perimeter security

**15+**

systems

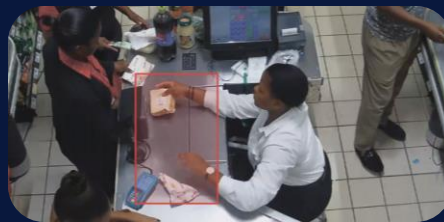
# Integrated Solutions

FEATURES



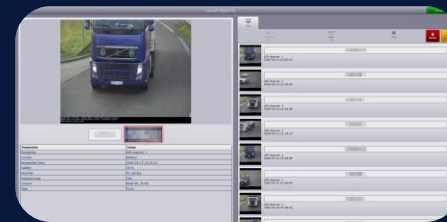
## ACS, FSA, and PIDS Management

A full-featured solution for managing access control, fire/security alarm, and perimeter protection systems, integrated with CCTV.



## Retail

Cashier operations supervision, industry-specific video analytics, and comprehensive web reports.



## Transportation

ANPR, ACCR, rail car number recognition, vehicle access control, recording of traffic violations, and traffic statistics collection.



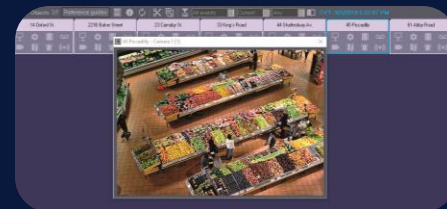
## Facial Recognition

Support for industry-leading facial recognition engines; real-time recognition and search for similar faces in video footage.



## ATM Monitoring

Linking video to transactions, tracking alerts from ATM sensors, hardware and software health monitoring.

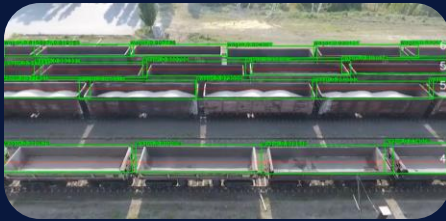


## Comprehensive System Monitoring

System health monitoring and processing alarms from widely dispersed sites, even in low-bandwidth areas.

# VSaaS Platform Features

FEATURES



## AI Analytics and Smart Search

Sophisticated AxxonSoft functionalities are available for cloud-based systems.



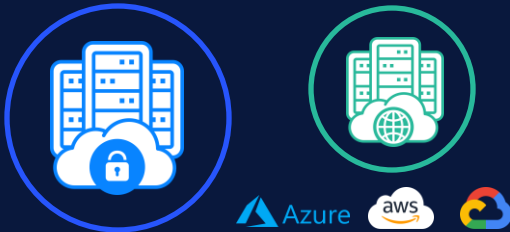
## Cybersecurity

Secure connections and comprehensive security policies to ensure VSaaS user data safety.



## Custom Reports

A powerful report engine to visualize and analyze events and video analytics data with ease.



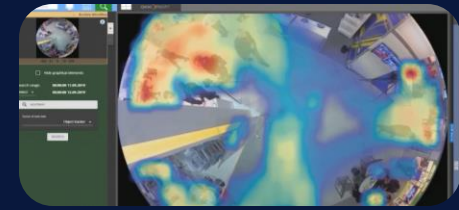
## Own or Rented Infrastructure

To deploy the VSaaS system, you can use your own computing infrastructure or rent it in a public cloud.



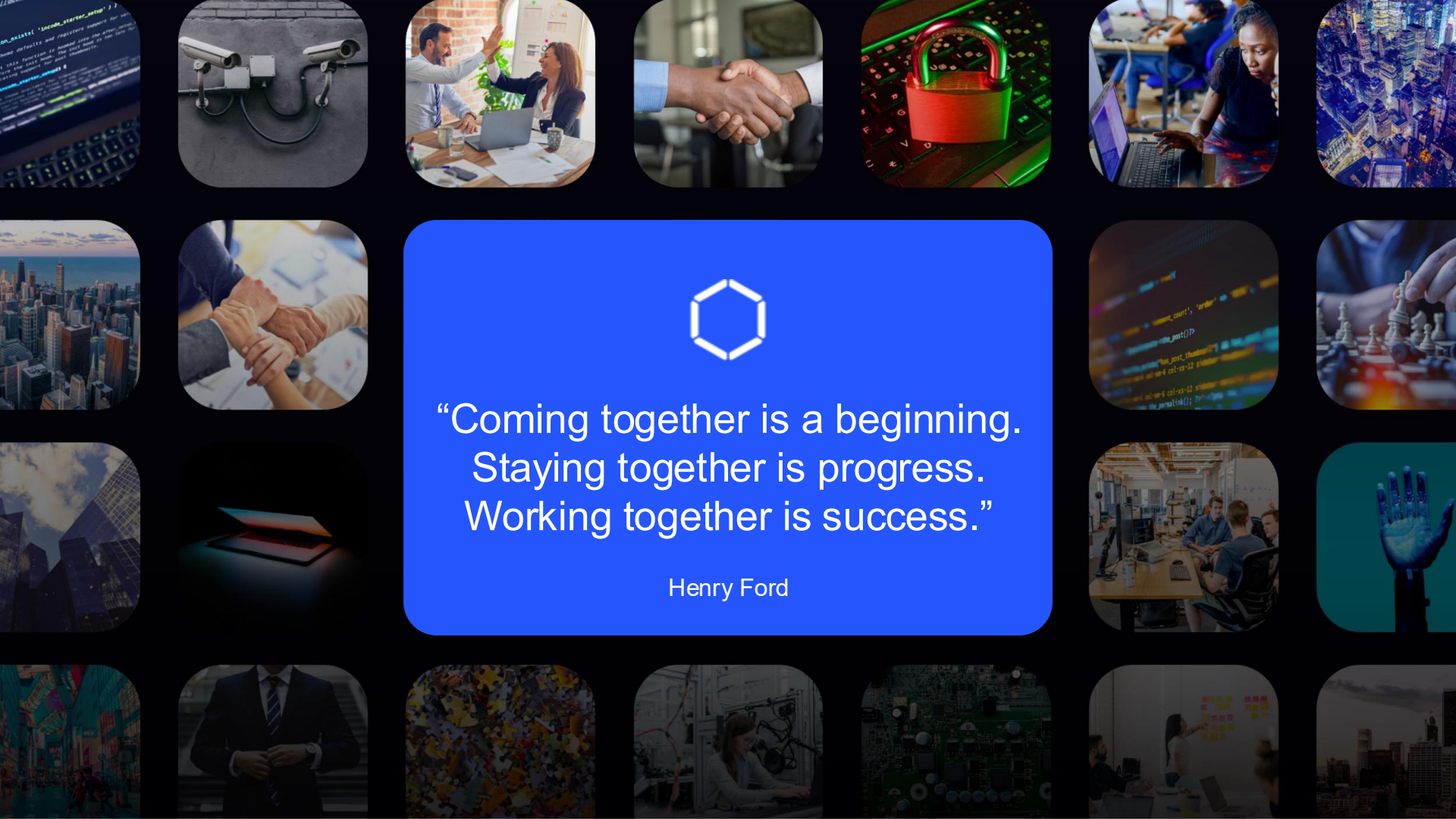
## Hosted and Hybrid Solutions

Build true-cloud (hosted) or hybrid systems, optimized for your customers' needs and Internet bandwidth in particular areas.



## Advanced Client Applications

To access the system, your customers can use advanced web and mobile client applications or a full-featured desktop VMS client.



“Coming together is a beginning.  
Staying together is progress.  
Working together is success.”

Henry Ford

# Solution Partners

GENERAL  
INFORMATION



Boost AI performance  
from edge to cloud



Robust on-premises  
and cloud storage



CPU, GPU, and VPU  
AI acceleration



1,100 camera connections  
on a single server



ADVANTECH



Qualcomm



ii-PRO



GRUNDIG

suprema

MOBOTIX



# Customers

SUCCESS  
STORIES



## Mexico City International Airport • Mexico

Total no. of cameras: 2,250  
Solution: AI video analytics, smart search in video footage



## Liverpool Store • Mexico

Total no. of cameras: 1000+  
Solution: LPR, facial recognition, visitor counting; queue, crowd, and loitering detection



## Raiffeisen Bank • Ukraine

Total no. of cameras: 17,000+  
Solution: Comprehensive integrated security system for 600 branches across the country



## Atlantis The Palm Hotel • UAE

Total no. of cameras: 2,050  
Solution: Monitoring center with a huge video wall, failover service



## Felipe Ángeles International Airport • Mexico

Total no. of cameras: 3,000+  
Solution: LPR, facial recognition, fever screening, access control, perimeter protection, failover



## Turin Safe City • Italy

Total no. of cameras: 1,000  
Solution: Loitering detection and motion heat mapping, face and number-plate recognition, traffic violation detection



## Bank of the Argentine Nation • Argentina

Total no. of cameras: 680+  
Solution: Facial recognition, access control



## Bayburt University • Turkey

Total no. of cameras: 400  
Solution: Centralized monitoring for five locations