COMPANY PROFILE

Integration. Intelligence. Cloud.

AXXONSOFT UK
Sheffield

AXXONSOFT POLAND
Krakow

AXXONSOFT LATVIA
Daugavpils

AXXONSOFT FRANCE
Le Havre

AXXONSOFT CZECH & SLOVAKIA
Brno

AXXONSOFT IRELAND
Cork

HQ

AXXONSOFT UKRAINE
Kiev

AXXONSOFT DACH
Nürnberg

AXXONSOFT HUNGARY
Budapest

AXXONSOFT TURKEY
Istanbul

AXXONSOFT KOREA
Seoul

AXXONSOFT NORTH AMERICA
San Jose, California

AXXONSOFT SPAIN
Alicante

AXXONSOFT ITALY
Rome

AXXONSOFT BULGARIA
Varna

AXXONSOFT CHINA
Shanghai

AXXONSOFT NORTH AFRICA
Tunis

AXXONSOFT EGYPT
Cairo

AXXONSOFT INDIA
Noida

AXXONSOFT ASIA
Taipei

AXXONSOFT MEXICO
Mexico City

AXXONSOFT MOROCCO
Casablanca

AXXONSOFT MENA
Dubai

AXXONSOFT HONG KONG
Hong Kong

AXXONSOFT WEST AFRICA
Lagos

AXXONSOFT MALAYSIA
Kuala Lumpur

AXXONSOFT APAC
Singapore

AXXONSOFT PERU
Lima

AXXONSOFT EAST AFRICA
Nairobi

AXXONSOFT INDONESIA
Jakarta

AXXONSOFT BRAZIL
São Paulo

AXXONSOFT SOUTH AFRICA
Hilton

AXXONSOFT ARGENTINA
Buenos Aires

24/7 technical
support

30 offices
around the world

Extensive
partner network

Products & Technologies

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.

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

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

AI Behavior Analytics

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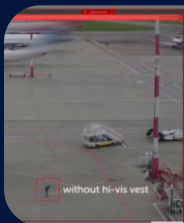
AI PPE Detection

Workplace safety enforcement by detecting people wearing no personal protective equipment.
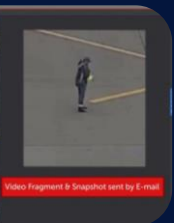
AI Fire and Smoke Detection

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

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 Similarity Search

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

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.

axxonsoft

Smart Search in Video Footage
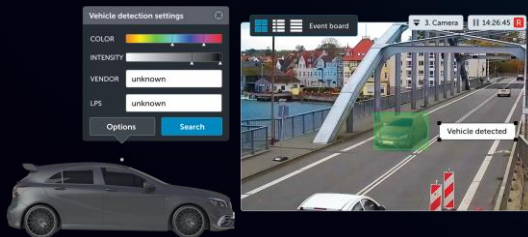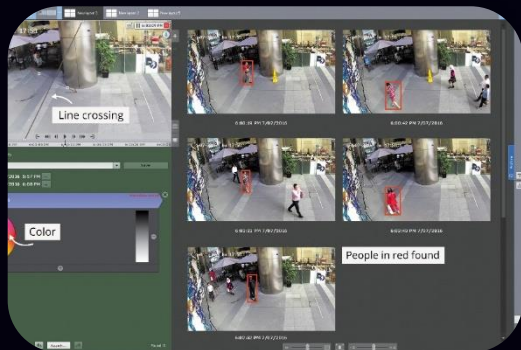
Multiple-Criteria Search

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.
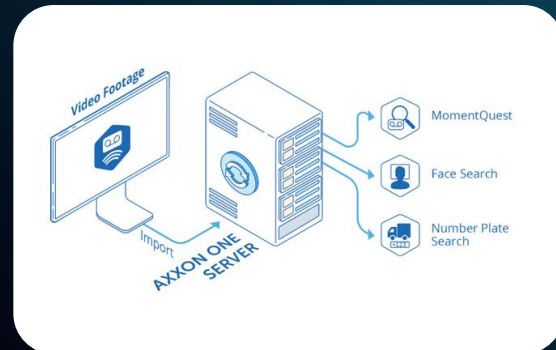
Offline Analytics

Import any video footage and analyze it with smart search. The following functions can be applied to imported videos:
- Multiple-criteria search
- Face search
- License plate search

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Integration

| 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

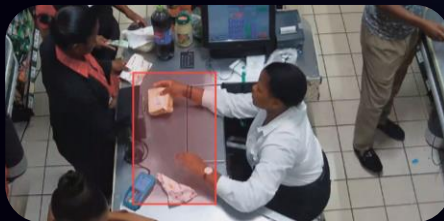**40+**

systems

Perimeter security

15+

systems

Integrated Solutions

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.
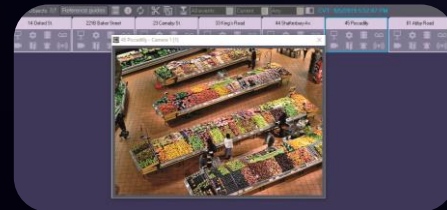

Facial Recognition

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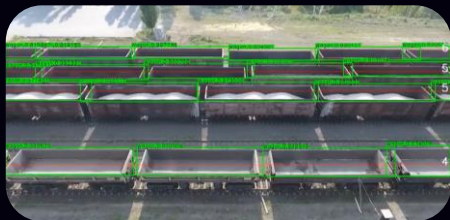

ATM Monitoring

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

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.
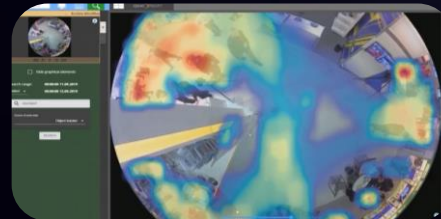

Own or Rented Infrastructure

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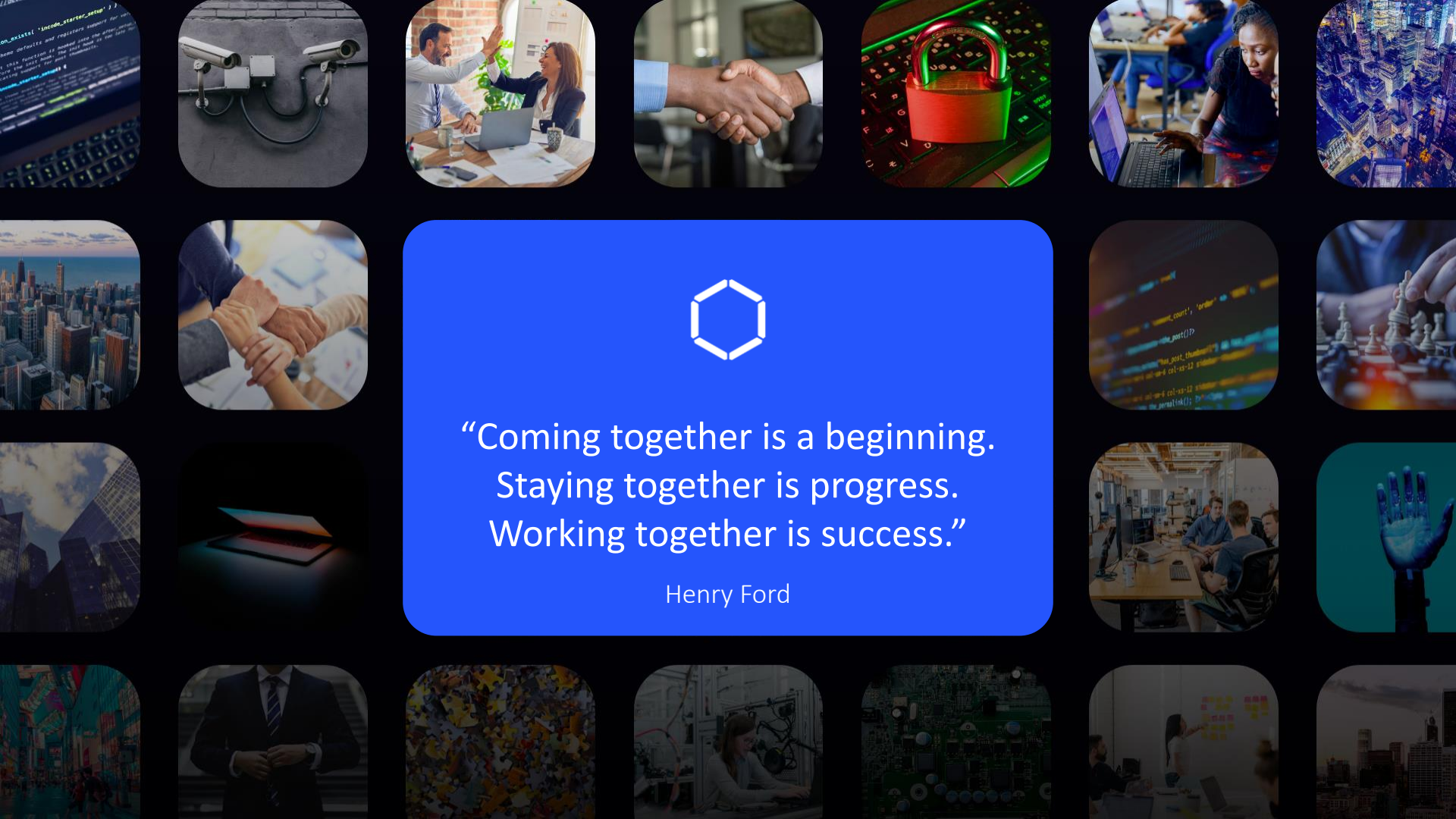

Hosted and Hybrid Solutions

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

AXXONSOFT

NVIDIA
Boost AI performance from edge to cloud

SEAGATE
Robust on-premises and cloud storage

intel partner Gold
CPU, GPU, and VPU AI acceleration

NetApp
1,100 camera connections on a single server

wasabi hot cloud storage

ADVANTECH

AMD

Qualcomm

AXIS COMMUNICATIONS

BOSCH

GRUNDIG

suprema

MOBOTIX

Hanwha Techwin

VIVOTEK

i-PRO

Customers

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: 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