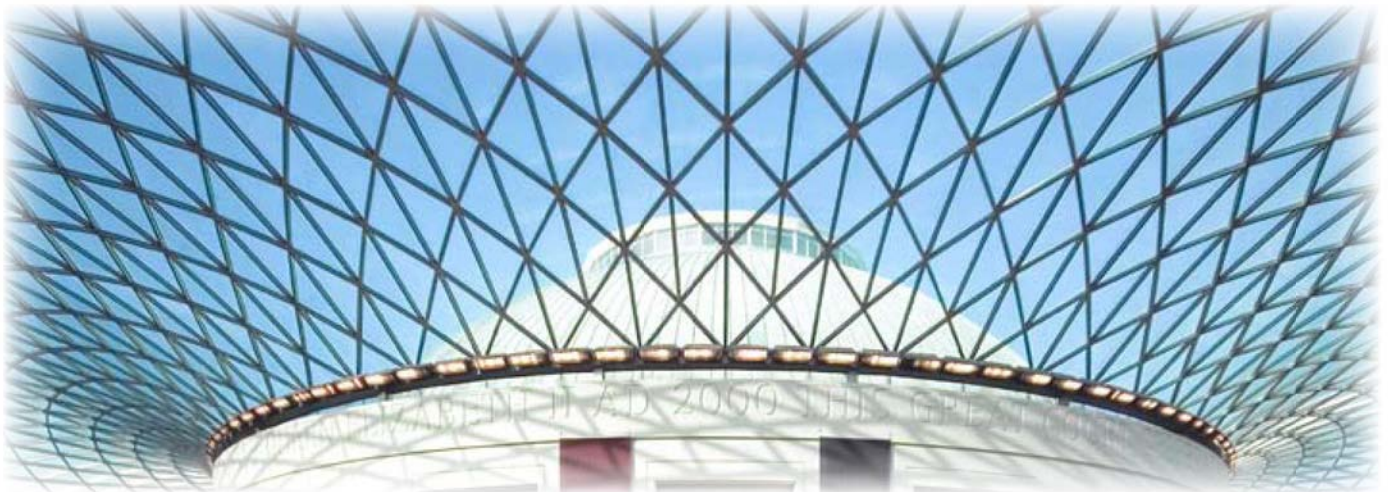




## Enterprise Modular Video Management Suite for unlimited scalability and integration



**Axxon Intellect Enterprise 4.7** gives you the power to manage 100 an unlimited number of cameras with a tailor made CCTV solution, its open architecture allows for the simple integration of CCTV with a wide variety of access control, intruder alert, fire detection systems as well as offering sophisticated functionalities such as facial recognition, road traffic monitoring, with bundled POS or bundled ATM interfacing which allows a coordinated management of retail or banking premises, bundling security with safety and daily operation.

These capabilities make **Intellect Enterprise 4.7** a perfect solution for Enterprise level deployments at for Banking Industrial, Public Utility, City surveillance, Petrochemical, Critical infrastructure and Transportation (airports, railways).

With more than one million licenses sold in the last 5 years, **Intellect Enterprise 4.7** is a robust, future proofed software suite, ready to meet any requirement in terms of flexibility, scalability and ease of use. Designed to work in the most demanding environments, you will benefit from its infamous stability even in the hardest conditions of restricted bandwidth and requiring a minimal hardware footprint.

As a unified security management system, **Axxon Intellect** integrates any security applications, systems and devices, including new IP-based systems, best of breed point solutions and products, as well as legacy devices, into a single environment.

Because it's built with an object-oriented architecture, **Axxon Intellect** is easy to install, easy to use, and easy to maintain. The system is easily expanded - so as your company reaches new levels of growth, you can build on your initial investments without fear of leaving existing hardware redundant or obsolete, and offering customers an easy migration path from analogue to IP or even co-existing analogue and IP devices within the same system.

Axxon Intellect has built-in intelligent video analytics to recognize events as they occur, and the ability to respond efficiently and effectively as events unfold.

Intellect modules can be installed at any computer and connected to the system core by means of a network, thus providing a. Complete control of any device from any client upon the network.

Is this clever? No, this is intellect.

### Video Management System Highlights:

- Unlimited scalability
- Hybrid system, simultaneously managing analogue and IP cameras
- Integration with Access Control, intruder alert and Fire Alarm systems
- Additional modules: POS, License plate recognition, Facial Recognition, road traffic monitoring
- Fully customizable GUI
- Event driven management model
- PTZ camera control preinstalled
- Video compression: H264, MPEG4, MJPEG, motion wavelet (native).
- Megapixel camera compatible
- Notification Services (Voice, SMS, MMS, Email)
- Advanced Reporting System
- Video signal quality control Service
- Wireless & Web access Service

## Video Management Suite Technical Specifications

### Intellect Enterprise Video Management Suite Technical Specifications

<b>Max Video Inputs</b>	unlimited
<b>Max Video per computer</b>	64 analog
<b>Max Remote Client Stations</b>	unlimited
<b>Supported Coders</b>	H.264 MPEG4 MJPEG Motion Wavelet
<b>Image Resolutions</b>	4CIF, 2CIF, CIF
<b>Image sampling</b>	4:2:2 or 4:2:0
<b>Max fps per computer</b>	Up to 700 fps
<b>Digital zoom</b>	x2, x4, x8, x16
<b>Audio Monitoring &amp; Recording</b>	Yes
<b>Synchronized Audio/Video</b>	Yes
<b>Duplex audio streaming</b>	Yes
<b>PTZ control</b>	Dialog window, mouse, USB or game joystick
<b>I/O Dry Contacts per computer</b>	64 in / 16 out
<b>Video Capture Cards</b>	FS5 25ips, PCI FS6 100ips, PCI FS16 100ips, PCIe FS8 200ips, PCI
<b>Remote Client Devices</b>	cell phone, PDA

<b>Video Analytics</b>	Directional movement Camera tampering Glare Changed background Removed object Image stabilization Image out of focus Face detector Sudden noise
<b>Optional Video Modules</b>	License Plate Recognition Face Recognition Road Traffic Monitoring Container & Train Recognition
<b>Event Management</b>	User Defined Macro Rules Advanced programmable script language for further flexibility
<b>Export Possibilities</b>	AVI, JPEG, BMP, XLS, WAV
<b>OS</b>	Windows XP SP3 Windows Vista SP2 Windows Server 2003 SP2 Windows Server 2008 SP2
<b>Min RAM Memory</b>	1G, 2G Recommended
<b>Video Adapter</b>	ATI, Nvidia (Min 512MB)
<b>CPU</b>	Pentium D820 or higher

<b>Compatible IP cameras</b>	AXIS, D-Link, PIXORD, Vivotek, Panasonic, AVIOSYS, Lilin, Sony, Arecont Vision, JVC, ACTi, Basler, Bosch, IQeye, Mobofix, Pelco
<b>Compatible POS</b>	Aloha Technologies, Borlas Retail, Dresser Wayne, FIT, IBS, IPS, POSitouch, R-Keeper, System Group, Tendo, TillyPad, UCS, VIMAS Technologies, Wincor Nixdorf
<b>Compatible PTZ</b>	Pelco, Panasonic, Samsung, Sony, Sensormatic, Mintron, Nevis, JVC, Ganz, CNB, Dynacolor, Fastrax II, LTC, Kalatel, Kocom, Vortex, VCL, Dongyang, CBC, American Dynamics, Lilin, DTRMX, Yaan, Sunkwang, Everfocus, Sanyo, Videotec, Yoko, Oko and TC-404
<b>Compatible Access Control and Fire Alarm Systems</b>	Honeywell, Aritech, Detection Systems 7400, NVP Bolid, Apollo, Northern Computers, Perco, Apacs, Ademant

# Intellect Modular Video System Architecture



**Axxon Intellect Enterprise 4.7** is embedded with our advanced video surveillance module: a powerful engine that enables live and recorded video monitoring for locations of any size, under any conditions. The system's distributed architecture allows you to monitor an unlimited number of video cameras and servers, and an unlimited number of local and remote workplaces - all from a single computer.

Multicasting mode ensures your video flow remains uninterrupted and the server's data channel never overloads - even when there are several clients connected to the server at once. And Axxon Intellect Enterprise's video gate sends quality video images from the server to every client in your network, no matter where they are located.

It's easy to protect your data anytime, anywhere. Transfer all your video records, in real-time, from any server to dedicated backup servers for long-term storage.



### Intellect Face recognition

**Axxon Intellect Enterprise 4.7** includes a Facial Recognition module powered by Cognitec face recognition engine will notify operators once it spots a human face within the video frame. It automatically detects and captures the image of that person, and compares it to others in order to positively identify persons of interest.

- people identified regardless of facial hair, hairstyle, eyewear, aging or angle, and in a variety of background conditions
- Easy integration with existing systems
- Automatic synchronization with users database
- Integration with access control systems



### Intellect Licence plate recognition

**Axxon Intellect Enterprise 4.7** integrated License Plate Recognition module powered by Adaptive Recognition engine suitable for both law enforcement agencies and commercial enterprises.

- Advanced reporting by user defined parameters
- Integration with access control systems
- Blacklist check
- Max. vehicle speed -Up to 150km/h
- Accuracy - above 92%
- 288 license plates types supported
- Speedgun integration

# Video Management Suite Architecture



## axxon auto Intellect™

### Intellect traffic monitoring

**Axxon Intellect Enterprise 4.7** has integrated Traffic Control module gives you the real-time traffic data necessary to optimize traffic flows, foresee problems, and ease traffic congestion. Traffic detectors warn you of possible bottlenecks and give you the data you need to assess gridlock, prevent roadblocks, supervise traffic flows and monitor road capacity usage for long-term planning.

- Traffic lanes per camera - Up to 6
- Counts, detects and classifies vehicles
- Pre configured settings of vehicles types
- Automatic detection of rules violation and forbidden actions

## axxon atm Intellect™

### Intellect ATM module

ATM Integration module automatically records all events and transaction data in the video archive. The system monitors and displays several zones of each terminal – surrounding area, card insertion slot, money distribution slot, etc – and synchs the video with the transaction data.

- All transactions are automatically synchronized with corresponding video.
- Audio alert notification.
- Intelligent video retrieval: search the archives by date, time, card number, ATM number, transaction amount or sensors triggered.
- Generate reports about the performance, reliability and readiness of all the ATM terminals in your network. Supported ATM terminals: Wincor Nixdorf, Diebold, NCR

## axxon pos Intellect™

### Intellect POS module

**Axxon Intellect Enterprise 4.7** integrated POS system synchronizes the video image of the cash area and text on each check, and directly controls the process of exchanging goods for cash.

- Synchronous data display: the text of receipts is superimposed over video of transactions.
- Notification of suspicious activities: giving money back, providing discounts, canceling orders
- Flexible networking capabilities over LAN, WAN or dial-up connection
- Easy integration with most popular POS terminals. For terminals that aren't supported out of the box, we'll provide you with a customized solution.