

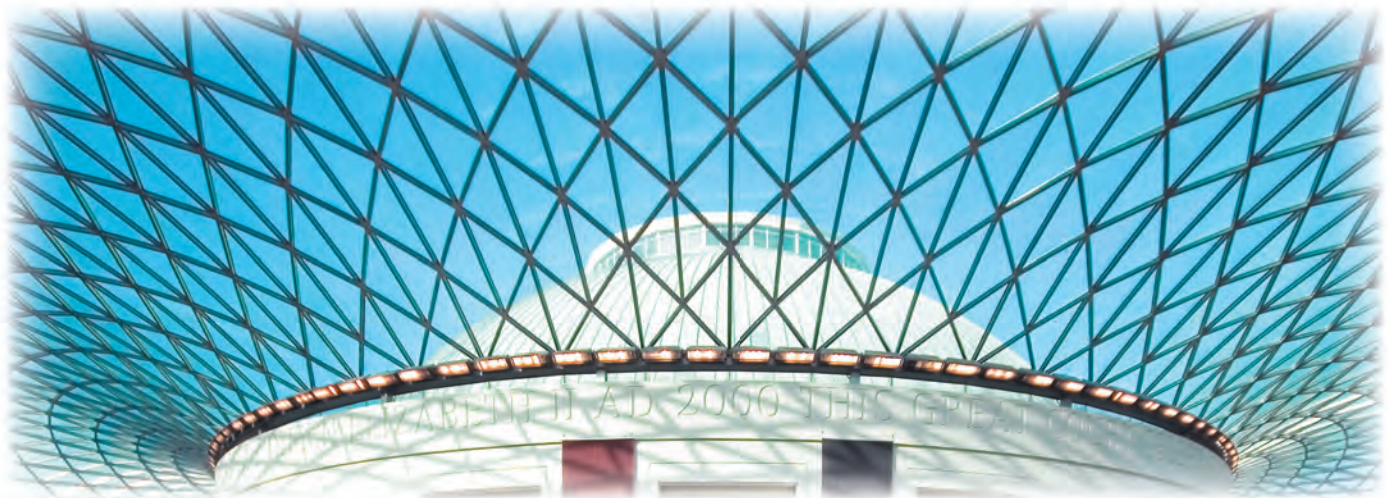
Video Management Suite Technical Specifications

Intellect Enterprise Video Management Suite Technical Specifications

Max Video Inputs	unlimited	Video Analytics	Directional movement Camera tampering Image glare Changed background Object removed Image stabilization Image out of focus Face detector Sudden noise
Max Video per computer	64 analog	Optional Video Modules	License Plate Recognition Face Recognition Road Traffic Monitoring Container & Train number Recognition
Max Remote Client Stations	unlimited		
Supported Codecs	H.264	Event Management	User Defined Macro Rules Advanced programmable script language for further flexibility
	MPEG4		
	MJPEG		
	Motion Wavelet		
Image Resolutions	Up to 8 Megapixels for IP cameras 4CIF, 2CIF, CIF for analogue cameras	Export Possibilities	AVI, JPEG, BMP, XLS, WAV
Image sampling	4:2:2 or 4:2:0	OS	Windows XP SP3 Windows Vista SP2 Windows Server 2003 SP2 Windows 7
Max fps per computer	Up to 700 fps	Min RAM Memory	1Gb, 2Gb Recommended
Digital zoom	x2, x4, x8, x16	Video Adapter	ATI, Nvidia (Min 512MB)
Audio Monitoring & Recording	Yes	CPU	Pentium D820 or higher
Synchronized Audio/Video	Yes		
Duplex audio streaming	Yes		
PTZ control	Dialog window, mouse, USB or game joystick		
I/O Dry Contacts per computer	up to 64 in / 32 out		
Video Capture Cards	FS5 25ips, PCI		
	FS6 100ips, PCI		
	FS16 100ips, PCIe		
	FS8 200ips, PCI		
	VRC6416 480ips, PCIe VRC6008 240ips, PCIe		
Compatible IP brands	AXIS, D-Link, PIXORD, Vivotek, Panasonic, AVIOSYS, Lilin, Sony, Arecont Vision, JVC, ACTi, Basler, Bosch, IQeye, Mobotix, Pelco, Cisco, Dynacolor, EverFocus, Vivotek, NKF-Telecom, March Networks		
Compatible POS	Aloha Technologies, Borlas Retail, Dresser Wayne, FIT, IBS, IPS, POSitouch, R-Keeper, System Group, Tendo, TillyPad, UCS, VIMAS Technologies, Wincor Nixdorf		
Compatible PTZ	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		
Compatible Access Control and Fire Alarm Systems	Honeywell, Sorhea, Intrepid, Unipos, Satel		



Enterprise Modular Video Management Suite for unlimited scalability and integration



Axxon Intellect Enterprise 4.7 gives you the power to manage 1000 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.

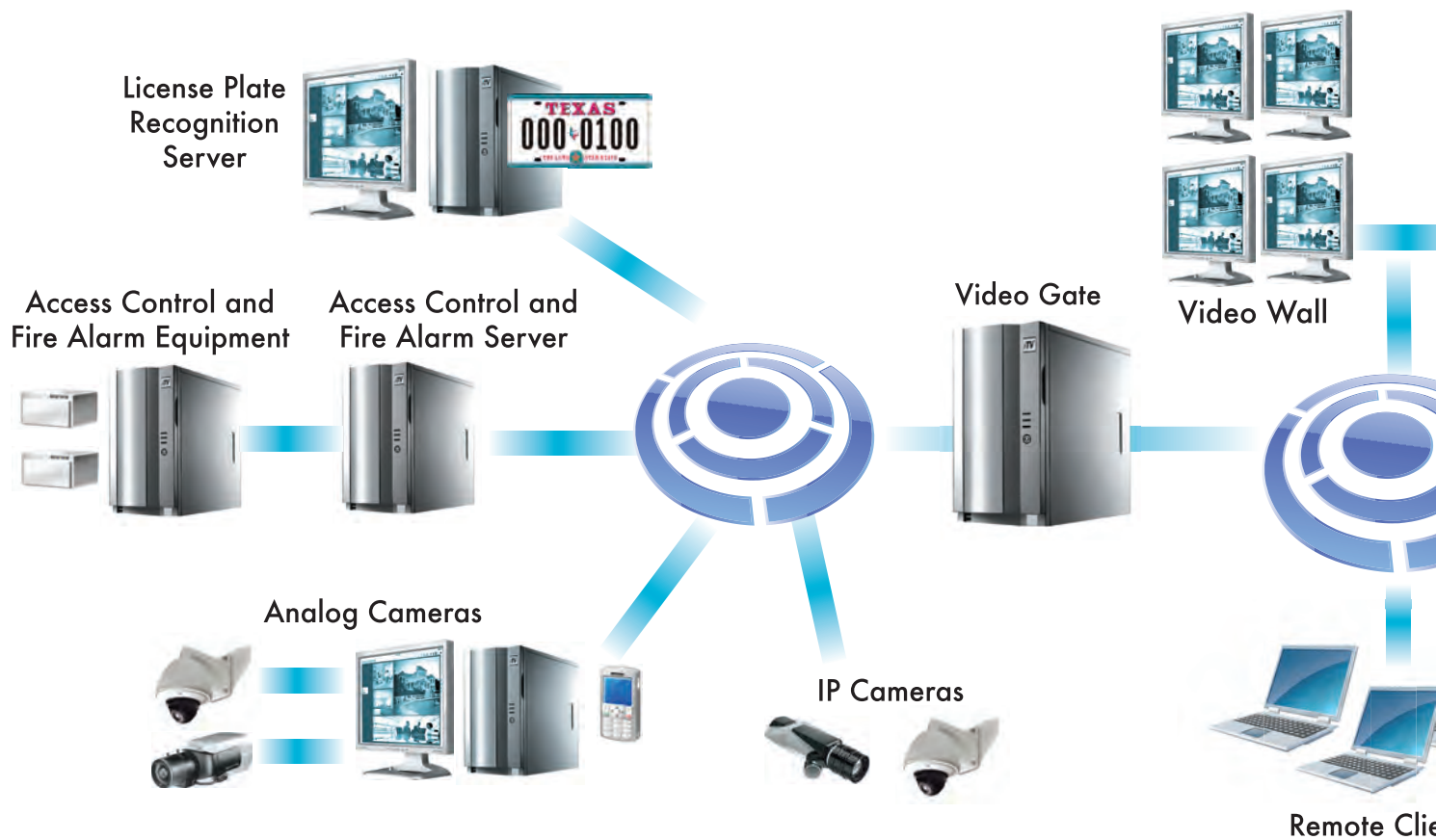
Intellect modules can be installed at any computer and connected to the system core by means of a network, thus providing a. Complete control of any device from any client upon the network.

Is this clever? No, this is intellect.

Video Management System Highlights:

- Enterprise functionality, with redundancy against server failover and active video archiving
- 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
- Megapixel resolution compatible
- Notification Services (Voice, SMS, MMS, Email)
- Advanced Reporting System
- Video signal quality control Service
- Wireless & Web access Service

Intellect Modular Video System Arch



axxon
railway Intellect™

Intellect Railway and Container numbers recognition

Axxon Railway Intellect tracks and manages rolling stock and cargo at industrial enterprises: oil refineries, chemical plants, sea ports, logistic centers, custom terminals and other major industrial facilities and transportation sites.

- Automatically recognize, recording and storing wagon and container number
- Count railcars within a train.
- Control railcars and containers via video.
- Control cargo clearance
- Match train schedules to consignor lists
- Accuracy - above 96%

axxon
face Intellect™

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

axxon
auto Intellect™

Intellect Licence plate recognition

Axxon's Enterprise integrated License Plate Recognition module powered by ARH engine suitable for static (parking) or dynamic (open road) license plates recognition

- Advanced reporting by user defined parameters
- Integration with access control systems
- Blacklist check
- Max. vehicle speed - Up to 250km/h
- Accuracy rate - over 95%
- Recognizes any license plates containing Arabic, Latin, Cyrillic Chinese, Korean characters
- 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.

- Up to 6 traffic lanes per camera
- Counts, detects and classifies vehicles
- Pre configured settings of vehicles types
- Automatic incident detection

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: unauthorized discount, fraud cash-back, product tailgating
- 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.