IQ-VMS

Why iOmniscient?

IQ-VMS is the industry's most advanced Video Management System, designed by iOmniscient, the developer of the industry's most intelligent Video Analysis system.

As the number of cameras grow, the quality of intelligence available to the system is of paramount importance - and there is no better or more comprehensive video analysis system than the IQ series from iOmniscient.

The multi-faceted functionality of IQ-VMS allows the system designer, system integrator and operational manager to use any capability of the versatile IQ-VMS right across the networked enterprise, making it the most useful Command and Control System in the market today.

Automated Surveillance

Integrated with the industry's first Automated Surveillance Action Platform (ASAP) which enables the automated and sophisticated responses to complex inputs IQ-VMS provides users with a sophistication that was not previously possible with traditional systems.

With the ASAP system, the user can automate much than just the detection and identification - he can automate the action response required for specific events.

Power and Simplicity

IQ-VMS delivers what the industry has been looking for – one single user PORTAL for all functionality! The user interface ensures that the features of the powerful architecture are easily reachable via simple intuitive menu options. This gives customers control over the way they use and optimise the system. The uncluttered look and feel allows even the uninitiated user to get to the functions they need to quickly.

See Through the Crowd

www.iomniscient.com   info@iomniscient.com

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IQ-VMS: Our Differentiators

Open – can operate with any mix of cameras and encoders - any brand, any video type, analogue and IP and including megapixel

Scalable – can work with one camera or many thousands

Flexible – the system can be centralized or totally distributed.

Tightly Integrated with the **iOmniscient's IQ Series** – widely recognized as the world's most advanced Video Analysis system.

Tightly Coupled with **iOmniscient's ASAP** (Automated Surveillance Action Platform). It is the only VMS system today that integrates with an ASAP system permitting the information captured in the system to automatically drive a response.

User friendly including an easy to read CALENDAR and 24hr TIMELINE function searching for footage is as simple as looking up a diary.

Modular enabling the user to have a system that is as simple or as sophisticated as is required.

Simple Pricing Scheme - easy to expand with a single price based on the number of cameras.

Comprehensive Features

▶ A comprehensive and intuitive **Command and Control Center**.

▶ **IP Virtual Matrix** – any video from any camera can be sent to any monitor anywhere in the network

▶ **Universal Connectivity:** Can handle any cameras (multiple brands) using different protocols, e.g. MJPEG,MPEG4, H.264 at the same time. Support exists for all standard protocols including RTSP, RTP, DSF, HTTP, etc.

▶ **Industry standard without a proprietary Codec**

▶ **Flexible Architecture:** Recording can be totally distributed anywhere on the network and on any storage system or on any networked configuration or environment (e.g. NAS, SAN, RAID, etc.)

▶ **Universal Interface for Access Control Systems**

▶ **Universal Interface for Building Management Systems**

▶ **Universal XML based interface** that can provide 2-way communication with many third part devices

▶ **Highly secure communication** between Clients and Servers using encrypted handshakes

▶ **Virtual Monitors** with customized views anywhere in the network for connection to **Video Walls**

▶ **Self populating and self segmenting displays**

▶ **A first responder PDA client** that gives the user 2 way communication and control on any camera

▶ **PTZ camera control**

▶ **Self diagnosis and failsafe operations**

▶ Reporting and Exporting of **Evidence Quality Video**

▶ **Multilingual** Command and Control Workstations

▶ Multi User multi level **user authorization**

▶ **Instant playback** when a mouse is placed over an "event" in the calendar bar – no need for clumsy searches

TOTAL CONTROL AT YOUR FINGERTIPS

Centralised Video Management System

Monitoring Workstation

Localised video management system

Distributed or Hybrid Architecture

Smart node allows viewing in PDA, email and web

Centralised failsafe storage system for incident footage, archive and backup
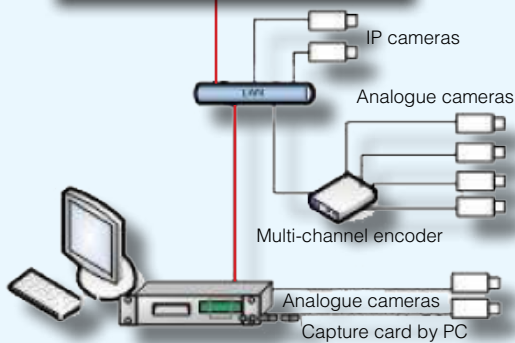
Operations Control Room

Video walls (driven by Virtual Monitor Technology built into the VMS) Optional extra
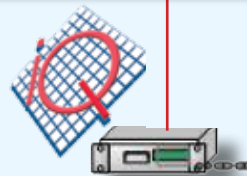
To other networks

Ethernet - LAN/WAN

To other networks

Universal interfaces for any mix of cameras and encoders

IP cameras

Analogue cameras

Multi-channel encoder

Analogue cameras

Capture card by PC

With live video viewing, real time and event recording, display, replay, review, search, archive, backup.

Other access control (optional extra)

Building Management System (optional extra)

Tightly integrated with Video Analysis System

Typical analytic server in a networked configuration sharing the same camera view as IQ-VMS (optional extra)

Automated Surveillance Action Platform (ASAP)

GIS server and other third party system integration (optional extra)

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Comprehensive VMS Suite

Three levels of VMS are available with varying options as shown in the table below allowing the user to grow his system as his requirements expand.

FEATURES	VMS Expert	VMS Corporate	VMS Trans-global
Number of Channels	No restriction	No restriction	No restriction
Number of Servers	No restriction	No restriction	No restriction
Data Aggregation and Management across a Coalition of Systems	✖	✖	✔
Control of Information and Reporting Consolidation across a Coalition of Systems	✖	✖	✔
Number of Compression Types supported simultaneously	One only (either H.264 or MPEG4)	Multiple (MJPEG, MPEG4 and H.264)	Multiple (MJPEG, MPEG4 and H.264)
Number of Protocols supported simultaneously	One only	Multiple (RTSP, RTP, DSF, HTTP, RGB)	Multiple (RTSP, RTP, DSF, HTTP, RGB)
Camera Brands Supported	Any one	Multiple brands simultaneously	Multiple brands simultaneously
Scheduler	(available as optional extra)	✔	✔
Number of Clients per site	1 only with up to 4 views	5 with 16 views each	20 with 16 views each
Extra Client Support	priced separately	priced separately	priced separately
Openness*	✔	✔	✔
Integration with IQ Series Intelligent Surveillance Products	✔	✔	✔
Provide XML output for events	✔	✔	✔
Interface with dry contact Output Devices	✖	✔	✔
Auto Camera Connection	✖	✔	✔
Interface with Map/ Picture Interface	✖	✔	✔
Email/SMS Alerts	✖	✔	✔
Virtual Monitor	✖	1 included rest priced separately	10 included rest priced separately
Operational Client on PDA	✖	l included rest priced separately	10 included rest priced separately
PTZ Control	✖	On supported models	On supported models
NAS Support	✖	✔	✔
System Failove	✖	✔	✔
Megapixel recording	✖	✖	✔

* IQ-VMS can work with any brand of camera that complies with international standards

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