

PRODUCT BRIEF

VisioWave Security Software



Professional software modules and development kit for security applications

VisioWave Security Software Modules enable VisioWave Digital Video Equipments with management and supervision for powerful, open and complete security applications.

VisioWave is offering complete and integrated security solutions including centralized configuration and management, high quality and high performance distributed video switching through an effective and optimized usage of any IP or ATM network, intelligent storage features, support for telemetry, alarm management and high level graphic user interfaces.

VisioWave Security Software Modules are a state-of-the-art video networked software suite for security applications, providing modules for global management facilities of VisioWave Digital Video Equipments. Complete, modular and flexible, these software modules leverage high-level technologies combining compression algorithms, transport and processing of high quality digital video.

VisioWave Security Software Development Kit enables easy customization or system integration by third parties. Graphical User Interfaces can be completed for fully featured video supervision, control and processing.

Product highlights

- Full screen or mosaic video display over standard PC monitors
- Video switching, sequencing and salvos to analog monitors
- Automatic stand alone video sequence switching
- Automatic connection at system initialization
- Automatic re-connection and information message if video connection lost
- PTZ camera remote control functions over network
- Multi-area On Screen Display
- Alarm management through I/O boards
- Event Manager Automation for alarm handling and actions
- Dynamic text display associated to event occurrences with priority level
- Complete storage policy for local or distant scheduled recording
- Video Player Software for fast access and playback of recorded video
- Web remote administration tools, password protected, for complete system setup (includes database with optional redundant backup)
- Web GUIs for complete VisioWave system management
- Dynamic tuning of bandwidth and frame per second (fps) parameters
- Support network unicast, IP multicast, ATM SVC multicast or unicast UBR/CBR/VBR
- Support of Ethernet/IP Class of Service
- VisioWave ActiveX SDKs for total integration into third party solutions



VisioWave Video Operating System™

VisioWave Video Operating System runs on VisioWave Evolution or Power Plus Digital Video Equipments. VOS™ gives access to the following functions :

- Digital video compression from analog to digital video and bandwidth control (fps, compression ratio, ...)
- Real-time video transmission over IP or ATM LAN port and QoS support
- PTZ camera remote control
- Digital video decompression from IP or ATM LAN port
- OSD features for display over analog monitors.
- Sequence and preset salvo switching

SDK for Windows 2000

VisioWave Security Software Development Kit (SDK) includes ActiveX APIs to access any function of VisioWave VOS™.

VisioWave's security solutions can be easily customized and integrated as sub-systems in third party's global security applications.

Storage Policy Server

- Digital video recording over local or networked HDD
- Time-lapse recording
- Scheduled recording per day/time
- Recording file size in minutes
- Maximum size allocated per video stream
- Transfer records with lower video frame rate (fps) to free main archive for real time recording
- Automatic recording (and stop) on external event or alarm

Event Manager Automation

This software module manages any internal or external event triggered from any device (e.g. I/O module) to execute automated actions such as:

- Switching a camera to a monitor
- Start/stop recording
- Execute camera preset

All events and actions are completely user defined.

Central Configuration Server

Web based remote application to setup system parameters and manage VisioWave VOS™ functions such as:

- IP port, address, fps, video I/O
- Recording parameters
- Sequence/salvo/alarm parameters
- OSD setup and features
- Database with optional redundancy
- Export text file for support

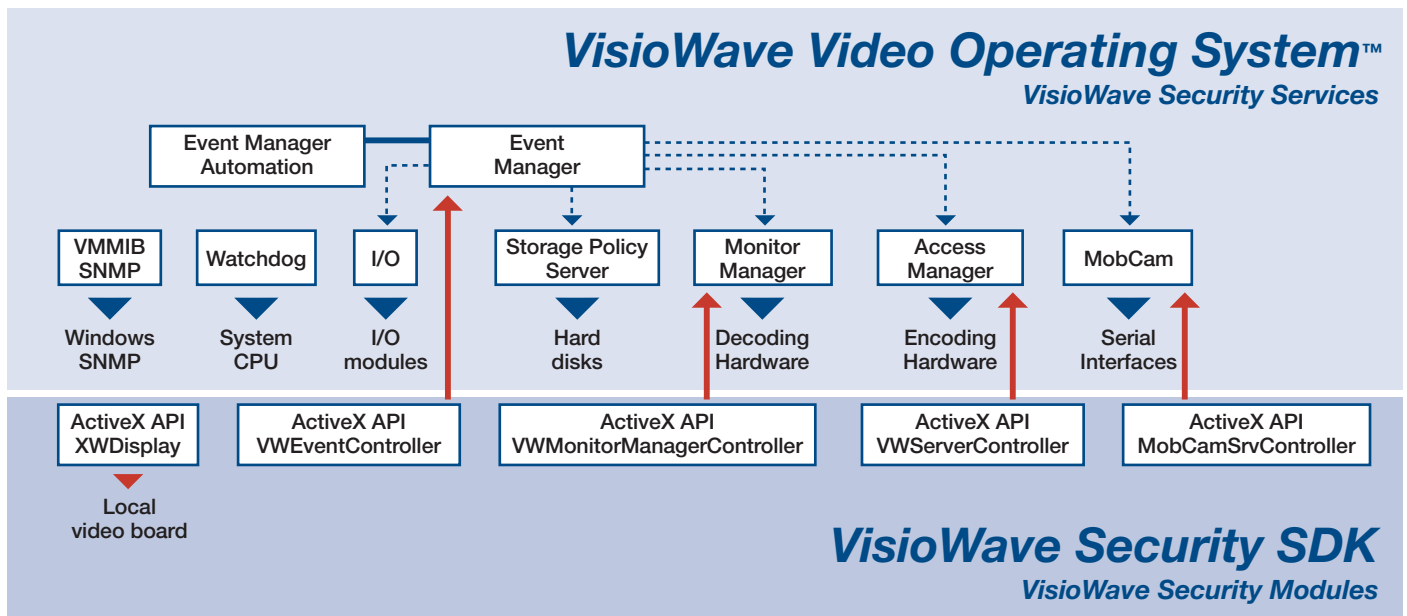
Web Security Center

Web based user friendly GUI to operate:

- Full screen/mosaic video display on PC
- Next/previous functions for display
- PTZ camera remote control functions
- Sequence/salvo switching
- Storage processing

VisioWave Video Player

Over IP or ATM networks, VisioWave Video Player can access any recorded video archive files using standard functions such as play, stop and fast/slow forward/rewind. Images can be printed.



Contact and ordering information



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