



## Overview

The VSC software (VisioWave Security Center) is an intuitive and user-friendly GUI (Graphical User Interface) which offers security operators the possibility to manage with ease their daily surveillance tasks. The very advanced feature set of VSC allows effective and preventive video security at premises of any size. Functionalities like virtual camera tours, integrated video content analysis, clickable maps etc. are helping the operators to stay focused on critical situations without worrying anymore about the complexity of the security operations or procedures.

## Live viewing

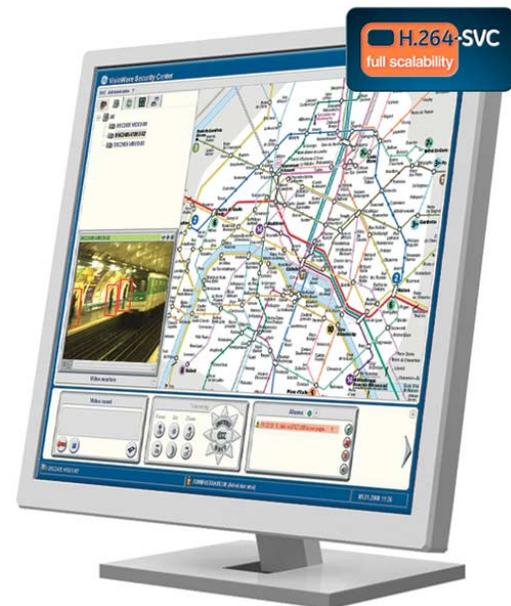
VSC allows to view one or more cameras (analog or IP) from anywhere in the system. Camera selection is straightforward through selection lists, clickable maps etc. PTZ cameras can be controlled via the on-screen controls or through a traditional joystick controller. Live streams can be viewed in normal or expanded size and on the local PC or onto analog monitors (virtual matrix operation).

## Playback

Recorded video streams from any device in the system can be viewed on analog or PC monitors as easy as live streams. VSC allows for multi-camera playback, variable playback speed control, frame advance and as well reverse play. Audio and video streams are synchronized during playback. Searches for stored video can be done on alarms, time/date or user. Images can be exported and e-mailed in jpeg format and video clips can directly be burned onto an evidence CD.

## Events

Events and alarms can be generated from various sources such as input sensors, motion detectors, system status notices and camera maintenance alarms from video content analysis algorithms. These events are reported to the client workstation(s) and are generating audible and visible alarms on the screen. The operator can now acknowledge, delete, deactivate the alarm and activate or deactivate sound. The alarm panel is clickable for more details and corresponding camera recordings.



## Standard Features

- Intuitive GUI (Graphical User Interface) and workspace management for analog and IP cameras
- MultiVision (multi-screen display)
- Interactive video switching using a clickable map
- Latest video compression scheme: H.264-SVC (H.264 with temporal and spatial scalability)
- Fast video retrieval and playback with timeline navigation
- Recording policy access panel with recording scheduling and archiving functions on CD, DVD, USB key, etc.
- Real-time events and alarms monitoring
- Enterprise solution with redundancy functionalities for ongoing operability
- Video content analysis included: activity detection and camera maintenance agent plug-ins
- Multi-criteria search of recorded sequences
- Integrated camera PTZ and set-up control; PTZ locking
- Integrated graphical keyboard and joystick
- Fast image print
- Extended multi-user support with group hierarchies
- User authentication and log access
- Audio support and broadcast

## Specifications

### Standard GUI Software

Live viewing	View cameras in normal or expanded size from anywhere in the system; On-Screen or traditional joystick for PTZ control; View cameras on PC or analog monitors (virtual matrix);
Playback	Playback (with speed control) of stored video to analog or PC monitors; Frame advance & reverse play; Searches for stored video based on alarms, user or time; Synchronized audio and video; Exports images that can be e-mailed and burns evidence CDs.
Events	Various events are supported: alarm input, motion detection, system status, camera maintenance, client workstation reports; The operator can acknowledge, delete or deactivate alarms and activate or deactivate sound;
Graphic maps	Utilizes graphical maps and floor plans; Add camera icons for selecting cameras for live viewing and control; Calling live or playback cameras can be done directly from the map. A variety of different map formats, even vectorized, are supported.
Health monitoring	Monitoring of device fans, temperature, video ports and status of storages & HDD and network operations.
MultiVision	Multi-Screen Live Views (drag-n-drop): place on main client PC monitor or 2nd monitor with camera number/title; Save custom views for easy operator call-up; Multiple layouts.
Configuration	Configuration of events, cameras & camera groups, audio, I/O, storage, event manager & plug-ins, alarms, maps, users & user rights.  "Express Configuration Wizard", a fast and easy tool for quick configuration of new devices. A more complete configuration via the intuitive "ConfigPanel" application which allows administering the whole video security network.

### Digital Video Equipments

VSC 4.1.1	All H.264-SVC equipments: Discovery 105E/1205/2405/2415, Evolution HD 3005, ECVRS Requires VOS 4.1.1 software release or higher
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### Minimum System Requirements

Windows XP Pro compliant PC	Intel Pentium IV (3.2 GHz CPU); 1 GB RAM; Min. 120 GB HD (depending on the storage needs); CD ROM; Network board; Graphic card 32 MB supporting DirectX 9, HW 3D acceleration and pixel shaders 2.0; Windows XP Pro SP2;
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### VSC versions

Note	Not all new features are supported under the wavelet version
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## MultiVision

VSC offers the ability of multi-screen display called "MultiVision". MultiVision shows different live views which are selectable via camera drag-n-drop. The application can be placed on the main client pc or on a 2nd monitor. MultiVision allows for multiple layouts (4, 6, 9, 16, 25, 36 screens) whereby an unlimited number of predefined custom views can be saved by each operator individually. Each camera window can have cycles (multiple cameras cycling in the same window).

## Health monitoring

A robust security system should be able to give at any time an overview of its health status. VSC and it's associated equipments do so in a particular efficient way. VSC allows to monitor device fan & temperature, video port configuration & status, status of storages & hard drives and as well network operations.



## Ordering Information

Part No.	Description
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