



STARWATCH<sup>™</sup>  
SMS



# Video Management

StarWatch SMS - Core System Capabilities

DAQ Electronics, LLC  
262B Old New Brunswick Road  
Piscataway, NJ 08854 USA

T 732.981.0050 F 732.981.0058  
[www.daq.net](http://www.daq.net)

## SURVEILLANCE INTEGRATION

StarWatch SMS supports the latest generation of video management and recording technologies, offering flexible solutions to meet any security requirement. True video integration with access control, intrusion detection, and other system components is achieved via a robust, open architecture design and a dedicated video client employing high-level camera command and control functionality.

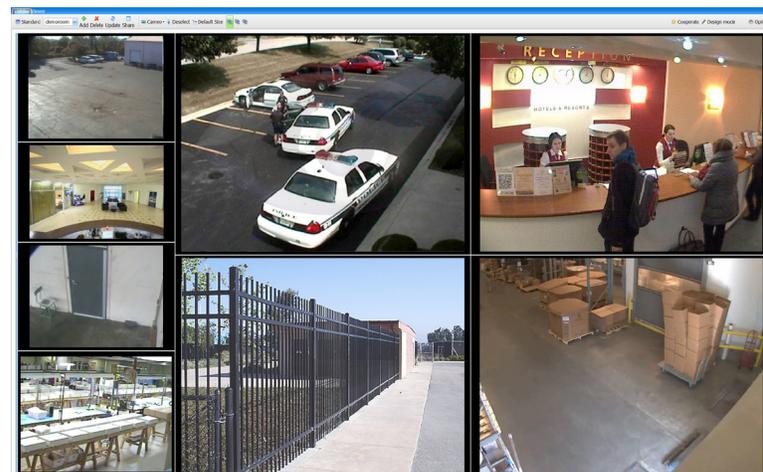
Matched to the technical performance needs of system designers, StarWatch SMS seamlessly interfaces with a wide range of industry-standard camera and switcher protocols and is easily scalable from single facility applications to enterprise class surveillance.

## SYSTEM HIGHLIGHTS

- Full integration of 3rd-party technologies, including OnSSI Ocularis, Bosch, Axis, ONVIF, VLC player, Milestone
- Simple creation of customized video wall displays
- Automatic live video call-up upon alarm with physical alarm points assigned to individual cameras
- Dual-streaming of live and recorded video from same camera source
- Time-stamped pre and post event NVR recording
- Simple, one-click switching between saved display layouts for expanded monitoring capability
- Direct link to GIS-based maps and graphics

## VIDEO WALL DISPLAYS

The StarWatch SMS video module enables unlimited display possibilities. Within a multi-function designer mode, system operators can fully customize video wall layouts, easily bringing live feed from multiple cameras into a shared display space with click and drag sizing and positioning of individual feeds. Providing the scalability needed for larger installations, separate video walls can be created for each monitor connected to the system, providing constant monitoring and recording from any location, frame, or angle.



StarWatch SMS supports multiple pane arrays, comprising pre-configured views and automatic hotspot push-video alerts.

All screen configurations can be saved for future use and assigned to specific user types or operators. StarWatch SMS also distinguishes between live and recorded video from the same camera source, allowing users to view archived footage without losing the live feed.



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## AUTOMATED VIDEO CALL-UP

Using powerful alarm management features, system administrators can assign alarm points to connected cameras, ensuring immediate situational awareness during breaches in security. In the event of an active alarm, live video from any associated camera is automatically displayed on screen in a reserved viewing space offering complete PTZ functionality.

If the system has been configured with network video recording capability, a pre and post alarm event clip will be permanently retained in the StarWatch SMS database matched with a time-stamped alarm history for later retrieval and viewing. Video time scales are fully configurable, providing an effective mechanism for event recording and analysis.

## SYSTEM FEATURES

- Live PTZ and focus functionality in any view
- Support for multiple camera presets
- Default aspect ratio maintained during setup/viewing
- Online/offline status of networked video recorders and cameras
- Preset PTZ movement of camera initiated on alarm
- Multiple video display tabs

## VIDEO MANAGEMENT

### SITE MAP INTERFACE

Once connected to the StarWatch SMS system, video feeds can be dynamically linked to location maps and graphics using simple drag and drop functionality. Representative camera icons become imbedded in the map display, with mouse rollover resulting in automatic pop-up of associated live video.



Fully integrated within the StarWatch SMS user interface, video display and management components are merged into interactive site maps and directly linked with alarms and events.

Camera icons can be dragged straight from on-screen site maps to panes on active video walls, allowing the user to quickly change views and re-configure wall layouts to suit security conditions. This intuitive approach results in a video environment that tracks with operator activities and preferences.



## FEATURE SET DETAILS

### GENERAL

- Unlimited number of connected cameras
- Fully configurable/interactive local video walls
- Support for MJPEG/MxPEG/MPEG4, H.263/H.264, ONVIF and PSIA standards
- Per camera PTZ presets and event activation
- Integrated map-based navigation of camera and sensor locations, including live camera pop-up views upon mouse rollover
- Configuration options include multi-site and multi-server
- Alerts for camera communication failure, disk full
- Auto detection of cameras during setup and configuration

### VIEWING OF LIVE FEED

- Per camera configuration of image, streaming, recording, and archiving attributes
- Interactive pane overlay controls for instant investigation during live monitoring
- Dual streaming, enabling separate viewing of recorded and live footage
- Unlimited shared and private views, group displays of cameras at different sites

### ALARM AND EVENT HANDLING

- Assignment of any physical alarm point to a camera source
- Automatic video call-up to designated viewing pane upon alarm
- Multi-user shared alarm handling and video capture, with dynamically updated events list
- Integrated NVR capability with historical footage linked to system events
- Automated alarm-related functions, including email notifications, camera PTZ presets, operator checklists, push-video alerting
- Association of events with video footage - motion, system, 3rd-party
- Direct alarm/event playback from SMS database

### USER GROUPS AND PERMISSIONS

- Comprehensive, centralized management of user rights, views, events
- Pre-configuration of video wall views for specific users or user groups, including arrangement of cameras, graphics, alert panes, PTZ presets
- Roles and rights personalization by individuals or groups, limiting access to specific devices and video panes/walls
- Multiple camera groups can be assigned within a single user group

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