



STARWATCH<sup>™</sup>  
SMS



# Intrusion Detection

StarWatch SMS - Core System Capabilities

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## MILITARY-LEVEL PERFORMANCE

Reflecting decades of experience protecting personnel and assets at U.S. Department of Defense installations, StarWatch SMS comprises one of the world's premier intrusion detection solutions. Merging innovative software segments for site planning, device integration, and high-speed alarm management, the system achieves an advanced security environment without the need for separate software packages running in parallel.

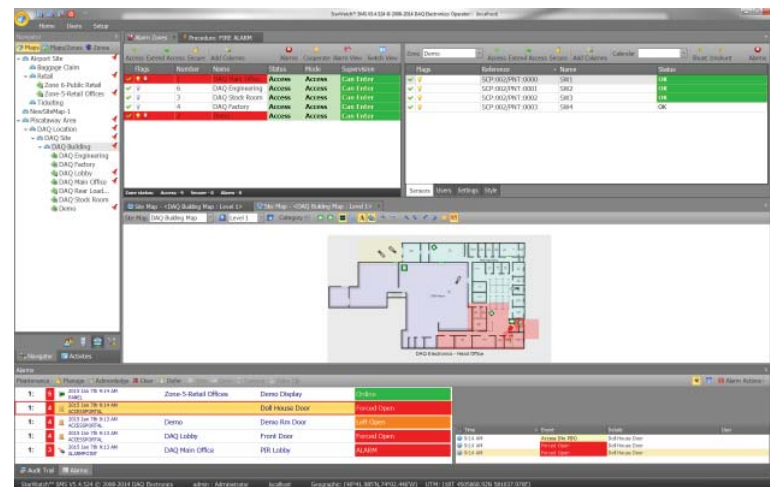
Beyond a proven military-pedigree, StarWatch SMS allows security professionals in the commercial space to effectively configure, manage, and process intrusion detection data in even the most complex, technically challenging security applications.

## SYSTEM HIGHLIGHTS

- Situational awareness across all entry points, critical zones, and perimeters
- Intuitive GUI design for easy setup and configuration
- Seamless interface to third party panic alarm systems, cameras, radars, and CBRNE sensors
- Panel agnostic - designed to integrate with existing IDS hardware
- Wide range of applications, from simple alarm annunciation to multi-facility security management
- Powerful alarm management features, from initial issue recognition to final resolution
- Automated decision-making at all system levels via innovative distributed processing model

## COMPLETE SITUATIONAL AWARENESS

With support for numerous communications interfaces and protocols, StarWatch SMS streamlines the integration of classic IDS and threat sensors into an Enterprise-wide, scalable solution. Devices such as motion sensors, glass-break units, passive and active infrared monitors, and the latest generation of CBRNE sensors, are easily connected to system field panels. Device data streams are fully integrated into an innovative GUI, which intelligently coordinates and displays live information for clear, rapid interpretation.



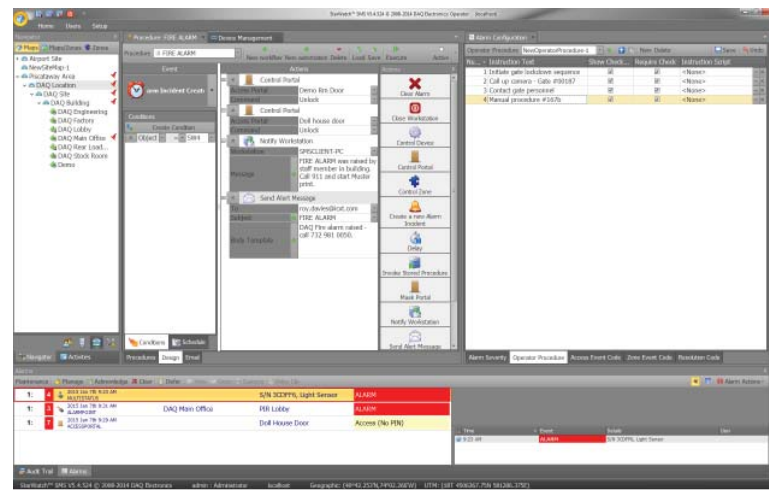
The flexibility of the StarWatch SMS interface allows operators to optimize the configuration and display of IDS information .

- Rapid navigation of coordinated alarm information, advanced alarm processing platform
- Interactive site maps continuously updated with live data from field devices



## AUTO-DISPLAY OF OPERATOR PROCEDURES AND INSTRUCTIONS

Ensuring that system operators are supported as they field alarms, StarWatch SMS contains a full procedure/instruction management component. By pre-defining step-by-step instruction call-ups and linking them with objects and devices within the system, administrators can configure automatic alarm response displays and dictate all internal tactics, techniques, and procedures.



Procedure checklists provide StarWatch SMS users with critical, actionable information, ensuring swift resolution of alarms.

## SECURE ALARM PROCESSING

StarWatch SMS facilitates the rapid, effective resolution of any alarms generated within established intrusion detection zones. Using precise, GIS-based information automatically presented upon event, including interactive site graphic call-ups and alarm detail tabs, operators are able to efficiently determine the proper course of action.

Pinned to the operator screen, an alarm incidents list continuously indicates the status, severity, class, time, and zone of each alarm occurrence and allows informed acknowledgement, deferment, and/or clearing. To align with operator activities and preferences, the configuration of visual signifiers displayed in the alarm list, including text-based categories and screen icons, is fully customizable. The alarm queue remains active at all times, enabling continuous monitoring through shift change.

All alarm related events are permanently recorded in the system database for future reporting, with operators able to attach relevant resolution codes and other notes via a quick editing toolset.

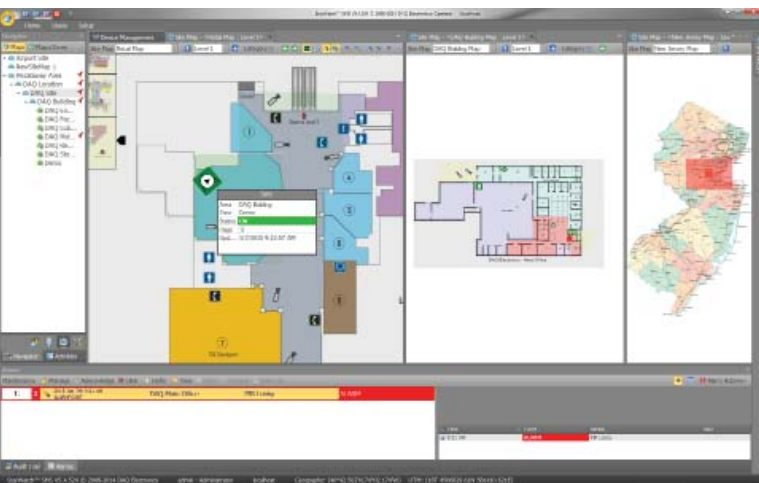
When an event trigger occurs, such as when a specific sensor goes into alarm state, single or multiple procedures appear in on-screen tables/checklists to assist operators as they execute and record actions related to the alarm. The interface also enables the easy setup of internal responses that function automatically to shut down workstations, send alert e-mails, or directly control devices, portals, or zones. These pre-determined alarm sequences and threat response routines ensure immediate reaction to intrusion attempts and atypical system activity.



## DEVICE AND ALARM POINT MANAGEMENT

Via a comprehensive device management software module, StarWatch SMS users maintain continuous access to all sensor networks and security zones configured in the system. All connected devices and alarm points can be viewed through sortable lists, with options for the direct issuing of commands, monitoring of current status, and viewing of live data obtained from threat sensors, all from a dedicated device workspace.

The adding of new devices into the system, such as CBRNE sensors and radar units, follows an automated discovery process that simplifies hardware configuration. Users can set numerous parameters for each device point, including custom alarm procedures provided to operators, automated video call-up/video alarm monitoring, and device-specific category and graphic icon assignments.



Using powerful icon designer and transparency tools, site maps can be configured to accurately display and control zones and devices.

## INTERACTIVE SITE MAPS

Directly incorporated into the StarWatch SMS database, multi-layer site maps provide a continuous, accurate view of all security zones, devices, and portals. Each GIS-based map integrates an advanced coordinates system and offers real world distance measurement and display. Depending on facility layout parameters, maps can be static or directly linked to live sensors and alarms and can be easily configured to show information based on device category, such as access control, intrusion detection, and building management.

Individual device representations are positioned in site plans in the form of interactive icons that provide a means to view live sensor data and alarm status directly from connected equipment. Graphic elements can be selected from existing libraries or created by users via a built-in image designer, with each icon encompassing multiple states and associated visual models. Icons become embedded in system graphics and can be quickly modified using sizing and positioning tools.

Upon rollover, map pop-ups present relevant information, such as device names, area and zone locations, exact coordinates, current states/times, and listings of events that occurred at the selected device. Upon right-click, map icons call up additional menu activities related to the object, such as executing commands, locking doors, or viewing alarm details and data graphs. Maps can also be configured to contain hot areas linked to other related maps in the database, allowing for simplified management of multi-level buildings and secondary facilities.

## FEATURE SET DETAILS

### GENERAL

- Dedicated IDS command and control of alarm zones, points, and panels
- Accurate, real-time viewing of security information
- Complete roles and rights module restricts users to specific tasks and actions
- Support for keypad alarm zone management
- Configurable entry/exit delay
- GIS-based information presented upon event
- Device driver development platform integrated into system architecture
- Easy integration of intelligent sensors, 3rd-party panels, and other interfaces
- Support for native communications protocols, BACnet®, Modbus, etc.
- Intelligent processing of raw alarm and event data
- Continuously updated and displayed alarm incidents list
- Resolution code management

### ALARM HANDLING

- Advanced processing - initial alarm recognition through video/map call-up, guard notification, decision-making parameters, issue resolution
- User definable alarm categories, severity, colors, and phrases
- Automated alarm sequences and threat response routines
- Actionable alarm/event grouping in recorded log
- Mechanism to prevent alarms from clearing until status change
- Dedicated alarm maintenance area
- Separate tab for alarm zone maintenance and management
- Operator auditing for current and historical alarms

### DEVICE MANAGEMENT

- Extensive alarm point management workspace
- Direct view and control of system devices
- Simplified device connection and configuration via automated discovery process
- Custom procedure settings and camera/icon assignment
- Camera PTZ presets on alarm, video call-up and recording
- Grouping of devices by customizable categories
- Custom views - user-defined filters for viewing and managing device data by type, name, category, location, zone





## PROCEDURES/INSTRUCTIONS

- Full procedure/instruction management module
- Instruction call-ups directly linked to objects and devices
- User-defined alarm management protocols, including e-mail and other notifications
- Responses can be triggered by operator actions, such as acknowledging an alarm or registering a person
- On-screen tables and operator checklists
- Sign-on/sign-off guard watch capabilities for constant monitoring, no down time
- Options for automated alarm processing and system maintenance, setup and run
- Customized, Crystal Reports® based historical report generation

## FEATURE SET DETAILS

### SITE MAPS

- Multi-layer, GIS-based site plans and interactive maps
- Clean import of CAD drawings, JPEG files, etc.
- Zone, device, portal monitoring and control
- Auto call-up of graphics with support for flashing/change of color for symbols or shapes
- Zones drawn using transparency and multiple line and shape composition
- Multi-state icon creation via embedded image designer
- Intuitive zoom in/out functionality
- Mouse rollover access to device, camera, and portal commands, hot links to associated maps/facility plans, event data, device status
- Grouping of alarm/status points, portals, controls and device status, including communications

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