



STARWATCH[™]
SMS



Access Control

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



Access Control

PROVEN SOLUTIONS

Fielding systems at U.S. Army bases and other critical facilities for more than 20 years, the StarWatch platform provides state-of-the-art access control solutions hardened in the world's most secure environments.

The latest iteration of this technology, StarWatch SMS, features extensive modules for personnel management, card/door monitoring, and visit planning all presented in a single, easy-to-use operator/administrator interface.

Offering superior levels of monitoring and control, StarWatch SMS delivers powerful, scalable solutions, from simple door control applications to multi-site, enterprise level installations.

SYSTEM HIGHLIGHTS

- Efficient on-site enrollment of personnel into access control and badging databases
- Full tracking and reporting of card holder movements
- Powerful access point/permission management module
- Seamless integration with existing panels and readers
- Multiple levels of anti-passback control
- Flexible visit planner with advanced scheduling tools and buddy/escort rules
- High-enterprise card management system supporting multiple formats
- Crystal Reports® based report generation
- Single pane operator set-up for minimized registration times
- Full aspect event search algorithms

HIGH-SECURITY APPLICATIONS

In large-scale installations, such as military bases and corporate campuses, StarWatch SMS supports thousands of discrete alarm inputs and supervises the movement of personnel through restricted areas using video surveillance and pass-card enabled entry/exit portals. Real-time connections to facility door controllers and sensors ensure that event details are processed and acted upon instantaneously.

Enabling rapid integration with existing equipment, the system supports numerous card reader designs and is fully compatible with leading biometric identification technologies. StarWatch SMS also leverages the latest card and enrollment practices to provide highly efficient processing of on-site personnel and visitors.

The power of StarWatch SMS is rooted in a sophisticated configuration system that provides limitless design and layout possibilities for securing doors, facilities, and entire building complexes. For access control, configurable elements include map-based security zones, administrator/user roles and rights, person and credential types, personnel profiles, access permission levels, and the workspace plans provided to interconnected guard stations.

LEADING EDGE ACCESS CONTROL

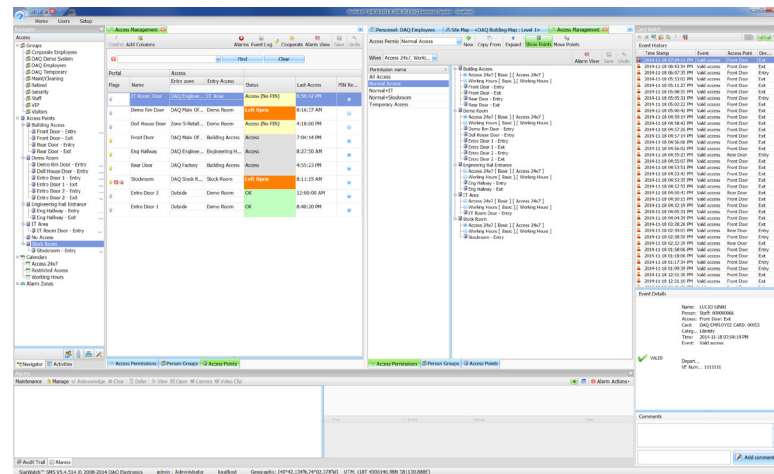
Within StarWatch SMS, multi-layered access levels ensure that as individuals move about a facility, physical reader, door lock, and biometric device responses are dictated by preset rules and schedules. Permissions are defined using physical and logical reader group assignments and an intuitive, calendar-based scheduling application featuring an embedded time-block interface for setting timetables and exceptions. Established security zones connect multiple hardware devices and are displayed on interactive facility maps that mirror all system access conditions and events in real time.

StarWatch SMS access control methodology promotes the association of a wide range of person and card types to specific individuals or groups. Person types define how individuals are handled in the system, while card types encompass both configuration parameters, such as PIN requirements and other defaults, and the physical formats used by access cards, such as AWID and HID.

Internal safeguards include a flexible roles and rights module that restricts operator and administrator activities based on assigned roles within the system. Clearance to complete security tasks, such as issuing badges, unlocking portals, and clearing alarms, and to view system workspaces, graphics, and zones can be separately configured for each individual.

SIMPLIFIED CONVERSION

For managers looking to upgrade their current security platform, advanced integration tools enable StarWatch SMS to connect to and incorporate previously installed access control equipment without the need for re-wiring. Due to an open architecture approach, system conversion follows an automated discovery process that simplifies hardware configuration.



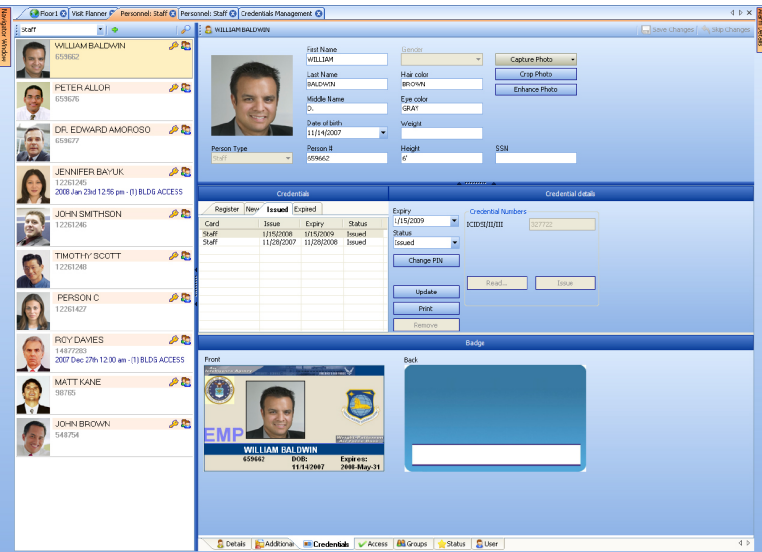
Administrators employ a broad range of access control tools and configurations, spanning from permissions setup to event history logs.

StarWatch SMS software also speeds the transfer of personnel data, facilitating the rapid, formatted importing of existing rosters and profiles.



ADVANCED PERSONNEL MANAGEMENT

Using powerful personnel functions, StarWatch SMS users can smoothly accomplish all registration operations, including the enrollment of on-site personnel and visitors into the system database, the assignment of user details and credentials, and the printing of labels on identification badges.



Extensive search and sort features enable system users to quickly locate profiles within the database and modify associated details.

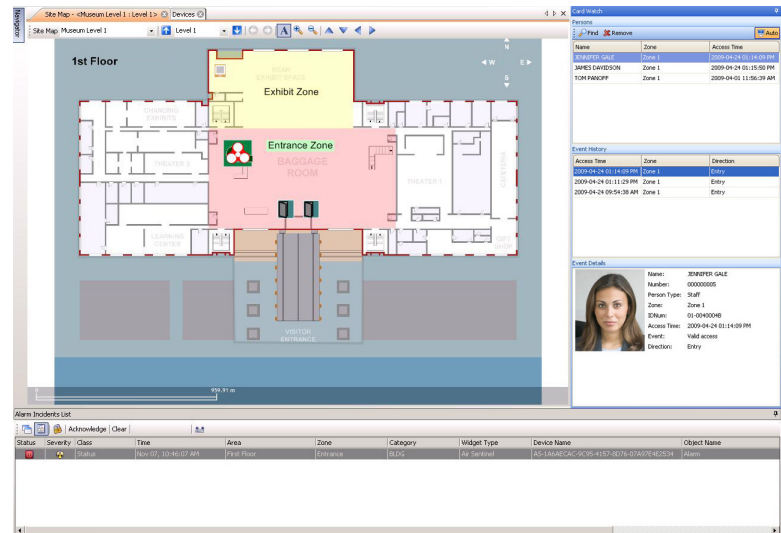
A flexible access card issuance module allows the assignment of specific card types, access levels and permissions, PINs, and approvals without the need to exit to other sub-applications. The integration of the Asure ID® badge designer package simplifies the design and printing of photo IDs, offering multiple card templates and storage options.



STRICT MONITORING OF CARD MOVEMENT AND ACTIVITY

Fully imbedded within the StarWatch SMS interface, a dynamic card watch feature allows operators to search the system database for registered personnel and view a history of their access control related activity. Individuals are selected via simple search and click, prompting associated event details, such as access times and locations, to be displayed in an on-screen viewing panel dockable to any position.

Card watch functionality can also be used to provide a live, continuously updated indication of selected individuals as they move through a facility. With this setting activated, event details are automatically reported in the viewer when the access cards of selected personnel are utilized at entry/exit portals. In this manner, users are able to maintain a constant watch on the movement and location of any person of interest.



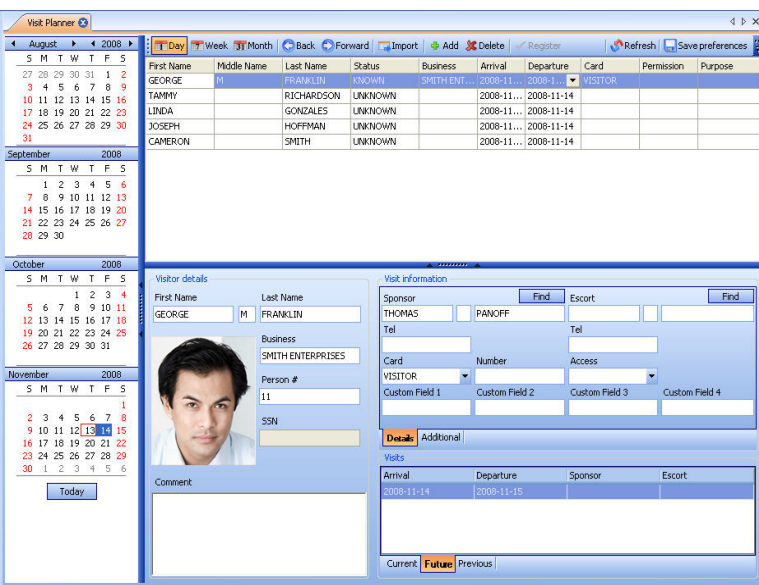
The card watch module can be pinned to the operator screen for constant monitoring of selected individuals/credentials.



STARWATCH™ SMS

FLEXIBLE VISIT PLANNING

StarWatch SMS provides a robust visit planner module, enabling security officials to view and create visit plans using comprehensive scheduling tools and to search existing records, including detailed visit logs. With intuitive calendar-based navigation, the planner facilitates advance setup for large groups and efficient processing of same-day walk-ups.



Operators can easily view per-individual visit histories, import visitor lists from existing spreadsheets, and assign sponsor/escorts.

For highly restricted areas, a sponsor and escort program adds an additional layer of security by matching visitors to registered personnel and outlining pre-configured chaperoning protocols. All visitor-specific parameters, including arrival/departure dates, card types, and permission levels can be viewed and modified via an advanced settings panel.

ACCESS CONTROL

DETAILED ACCESS REPORTS

Utilizing a range of reporting features, StarWatch SMS operators can generate and view records of system-wide access control history, filtering reports to include only the alarms and events they require. Crystal Reports® based event logs can be created to show activity over a specified time frame, in a specific zone, or for a specific individual or portal. Any combination of parameters can be selected.

Navigation within reports is assisted by a dedicated report menu, complete with find-text functionality and custom tree views. A full complement of export/print options are also provided to suit any local reporting requirements.



FEATURE SET DETAILS

GENERAL

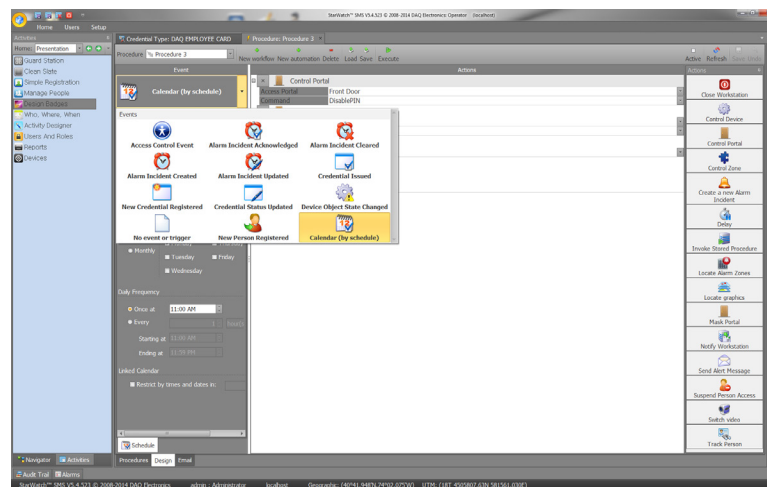
- Hardware agnostic design/schema
- Simplified panel connection and configuration via automated discovery process
- Formatted importing of existing personnel profiles and rosters
- Automated portal actions based on events, workflows, conditions, and schedules
- Roles-based operator and administrator activity restrictions
- Extensive panel integration with IDS alarm points and lockdown mechanisms
- Compliance with FIPS-201 regulations
- Real-time comparisons between live video and stored images, visual verification from same workstation
- Live viewing/filtering of detailed events log merging access control and IDS
- Graphic-based access to portal and device information upon mouse hover
- Support for emergency mustering/gathering points

VISIT PLANNING/PROCESSING

- Optimized visit scheduling and registration process
- Calendar-based navigation
- Ability to import visitor lists from existing spreadsheets
- Automatic generation of pre-registration queues
- Simple assignment of sponsors and escorts
- Permanently stored visit history per individual
- Ability to scan barcode from driver IDs
- Support for multiple visits by same person, history tracked even when assigned newer credentials

ACCESS PERMISSIONS

- Strict control of schedules and activities
- Highly-configurable permission level details
- Calendar-defined time periods/rules for access control and workstation access
- Easy scheduling of exceptions, such as holidays and other special case working hours
- High security zone designation
- Group-based management of assigned readers
- Intuitive mechanism for modifying card formats, PIN settings, expiry periods
- Person group or card based permissions
- Highly specific person access levels



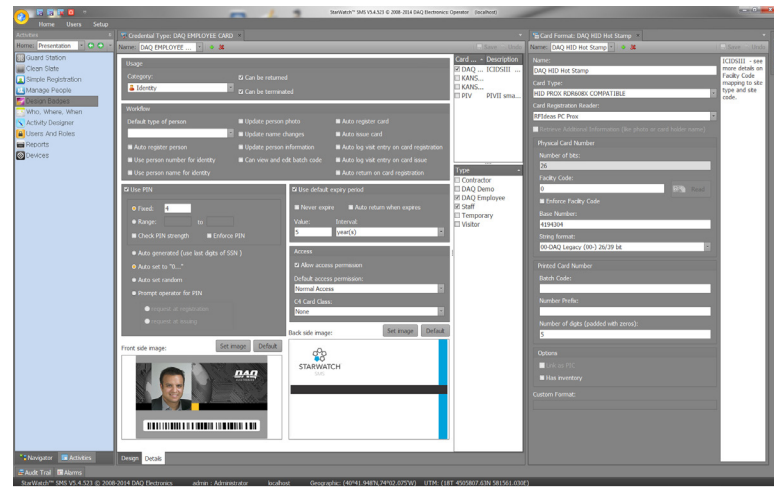
Using the procedures component, operators can set automated portal actions based on events and/or preset schedules.

CARD WATCH INTERFACE

- Real time, on-screen tracking of selected personnel
- Simple access to person-specific event history log
- Indication of all card event details, including time, entry/exit direction, zone

PERSONNEL MANAGEMENT

- Pre-registration of individuals and visitors
- Extensive default, classified, and custom user detail fields and assets
- Secure card issuance process
- Simple assignment of access levels, PINs, approval listings
- Imbedded photo capture and editing
- Interface to Assure ID® card/badge personalization software
- Credential management view, custom grouping and sorting of credentials for bulk editing
- Validation steps in compliance with FIPS-201, process, checks, authorizations, enrollment
- Multiple credentials per individual
- Automated registration from external source, driver's license scanner, TWIC cards, PIV cards



Integrated with all personnel data, the credential management view allows for simple modification of detailed credential settings.

REPORTING

- Detailed historical report generation
- Built on SAP® Crystal Reports® business intelligence application
- Reports present access events, credential assignments, visitor activities, roster, audit trail
- New reports can be provided as plug-ins without the need for a software update
- Rich reports include embedded search criteria and presentation dialogs
- Export to system directory or print locally

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