



Security Management System (SMS)

StarNet™ 2 is a full-featured Security Management System (SMS) optimized for the management and operation of perimeter protection and intrusion detection systems.

Organized around a visual, map-based interface, the StarNet 2 SMS provides a streamlined user experience for operators handling everything from daily routines to crisis situations, enabling organizations to reduce reaction times, improve efficiency and safeguard personnel and property.

VIDEO SYSTEM INTEGRATION

StarNet 2 integrates with leading third-party video surveillance systems. Each security sensor can be linked with a specific camera. Whenever the sensor enters a particular state, StarNet 2 generates a message to the video management system.

STREAMLINED MAP-CENTRIC INTERFACE

StarNet 2 uses a map-based display as its primary operator interface. The interface streamlines the display of information for operators, letting them focus on the job at hand and avoid unnecessary distractions or complexity. Alarms and events are graphically displayed on site-specific maps.

With sensors supporting ranging, the precise reported location is shown on the map. Markers indicate previously reported positions, helping the operator determine intruder movements.

Features and Benefits

- Comprehensive monitoring and management of intrusion detection systems
- Map-based graphical display
- Intuitive operator interface minimizes training requirements
- Management of site hardware (lights, CCTV, intercom)
- On-screen operator tasks with compliance logging and escalation
- Rules engine for event-driven and scheduled automated actions
- Integration with third-party video surveillance and recording systems
- Role-based privileges and access control
- Simple, intuitive point-and-click sensor configuration
- Automatic detection of Senstar sensors
- Scalable, Windows-based architecture
- Support for all Senstar security products
- Built-in audit and report functions, with PDF and Excel-compatible CSV export
- Multi-language support
- SQL database for configuration and event data

COMPLETE SENSOR INTEGRATION

StarNet 2 provides seamless integration with any sensors managed by Senstar's Network Manager software. This includes, but is not limited to, FlexZone®, Senstar LM100, FlexPS™, FiberPatrol™, OmniTrax®, UltraLink™, UltraWave™, XField®, and the Senstar Alarm Logic Engine. StarNet 2 works with Senstar sensors out-of-the-box – no integration required. StarNet 2 can be installed and configured before the physical sensor installation, making it ready to go live as soon as the rest of the work is complete.

StarNet 2 displays all the key information obtained from the sensor. If the sensor supports ranging, for example, StarNet 2 will display the location of alarm events on the map. If part of a sensor goes offline (such as in the case of a fence sensor cable cut) the system visually indicates which sections are down so the operator can dispatch personnel to the area while continuing to monitor the other areas.

In addition, StarNet 2 can automatically manage the state of sensor subsystems. For example, it can enable a sensor's output relays as part of the response to an alarm event, or temporarily disable a sensor as part of a daily schedule, while continuing to provide alarm management for the unaffected zones.

Sensors are routable to individual workstations or groups of workstations. Perimeter sensors, for example, can be displayed on one set of workstations and internal site sensors on another.

COMPLETE ALARM AND EVENT MANAGEMENT

During an event, StarNet 2 displays on-screen procedural information. The operator must acknowledge the completion of each task as well as select outcome results from pre-configured lists. All actions and response times are logged for future analysis. The operator may also document each alarm event with time stamped notes. If an alarm is not acknowledged or reset within a configured period of time, the system can trigger an alarm escalation rule.

Each sensor or alarm is configurable with a different priority level. Highest priority alarms (like personal duress, for example), can be set so that they always appear at the top of the event list.

StarNet 2 provides full alarm management, including the ability to acknowledge, transfer, close, and temporarily mask alarms. All events are logged and are accessible directly from StarNet 2 or from third-party reporting mechanisms.

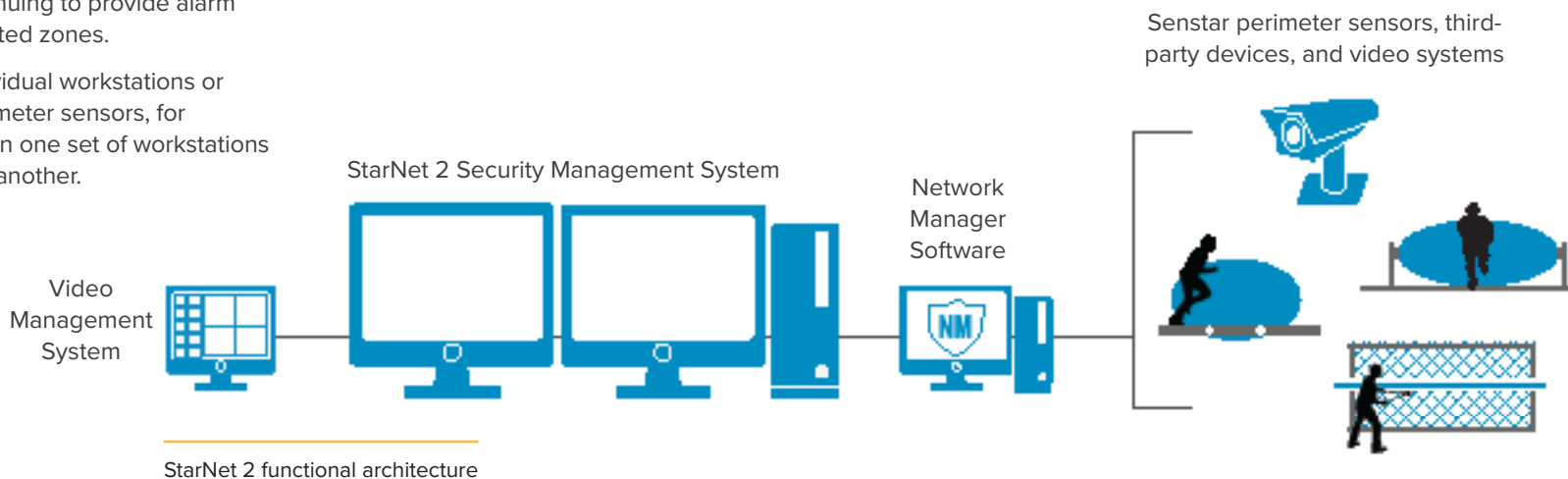
The operator interface is optimized for use on one or two monitor workstations, runs full-screen, and can be configured to prevent accidental shutdown.

CUSTOMIZABLE FOR YOUR ENVIRONMENT

StarNet 2 is customizable to the requirements of your site. Configurable options include:

- Using the Senstar Alarm Logic Engine to combine multiple discreet sensors into logical units
- Assigning roles and privilege levels to each user (for example, operators, managers, administrators, and view-only workstations)
- Defining event and schedule-based rules to perform specific tasks, such as alarm masking
- Configuring the on-screen terminology to match that used by your organization

StarNet 2 supports dynamic language switching, making it suitable for international or multi-lingual environments.



POWERFUL MANAGEMENT FEATURES

StarNet 2 is a turnkey solution for sites of all sizes, from small sites requiring basic perimeter security to large sites with complex security requirements. StarNet 2 provides a comprehensive set of security management features, including:

- Visual, textual, and audio notification of alarms and events
- Organization-specific customizations (priorities, routing, workflows)
- Full event and user activity logging
- User roles and access control
- Rules engine for event-driven and schedule-based actions
- Integration with third-party video management systems
- Compatibility with standard Microsoft Windows® operating systems

MINIMAL TRAINING REQUIREMENTS

StarNet 2 is optimized for operator workflows and can be customized with terminology specific to your site. The application's interface is easy to use and familiar to operators; operators simply click on a flashing sensor to acknowledge it, or select it from a sortable list.

Alarms and events can be sorted by different criteria, including priority, time, type, and status. They can also be configured to be displayed or processed only on specific workstations.

VISUAL SITE CREATION TOOLS

StarNet 2 provides a point-and-click setup tool that lets system administrators quickly configure their site. Site configuration is a simple, fast process:

- Select your own images or drawings to use as maps
- Place sensors and control points on the maps
- Optimize workflow settings for your site requirements
- Assign rules to perform specific tasks

If new sensors are later added to the site (or a site is upgraded), StarNet 2 automatically detects the changes and the system administrator can easily update the operator maps.

SCALABLE ARCHITECTURE

StarNet 2 runs on Windows® 7, Windows 10, or Windows® Server 2008, meaning it can run on the vast array of Windows®-compatible hardware platforms and use any Windows®-supported serial I/O cards, network cards, and touch devices. In addition, system administrators can leverage their existing knowledge as StarNet 2 uses standard IT backup and data management processes.

StarNet 2 is scalable, capable of running on single combined server/client PCs and large systems with workstations in different locations.

For infrequently used gates, a quick-disconnect kit enables the cable to be installed in a contiguous run across the gate while still enabling the gate to be opened when required.



Dual monitor operator interface

Technical Specifications

OPERATOR FEATURES

- Location of alarm events shown on map (when used with ranging sensors)
- Graphical, textual, and audible communication of alarms and events
- Alarm acknowledge, auto-acknowledge, reset, and transfer functionality
- Alarm queuing and sorting (name, priority, time, user, map, and status)
- Alarm escalation
- Temporary event masking
- On-screen operator checklists with user confirmation controls
- Per-incident time-stamped notes
- Full-screen application with password-protected exit
- Dynamic language switching with support for English, French, Spanish and Russian (other languages available in future releases)
- Up to 64 operator workstations per server
- Manual control via pre-configured commands and devices connected to sensor output relays
- Auto map-stepping option

VIDEO MANAGEMENT SYSTEM (VMS) INTEGRATION

- Cameras associated per sensor or sensor control point
- Issuance of VMS commands based on sensors or schedule
- Customizable ASCII text strings via serial or TCP/IP interfaces

SITE INTEGRATION FEATURES

- Email notifications
- Serial or TCP/IP-based ASCII messaging to third-party systems

Control of devices connected to Senstar relay outputs (manual and automatic)

SENSOR MONITORING AND CONTROL

- Bi-directional communication with all sensors managed by Senstar's Network Manager, including those on Silver, Crossfire, FiberPatrol, and CCC networks
- Manages all sensor control points, including:
 - alarms
 - supervision (wire-cut) alarms
 - equipment diagnostics and fault
 - auxiliary inputs
 - output relays
 - sensor enable/disable
- Up to 10,000 unique sensor control points
- Support for Senstar Alarm Logic Engine

MINIMUM COMPUTER REQUIREMENTS

- Processor: Intel Core i5 or equivalent
- Hard drive: 320 GB
- Memory: 8 GB
- Network: 10/100 Mbit Ethernet
- Display: minimum of 1440 x 990 resolution; 1920 x 1080 resolution with dual output recommended
- Operating system: 64-bit versions of Windows® 7 Professional SP1, Windows® 8.1 Professional, Windows® Server 2008/2012, or Windows 10
- Keyboard and mouse (or other pointing device)
- SQL 2014 Standard for database backup and restore operations

SECURITY MANAGEMENT FEATURES

- Line printer support
- Full event and user audit logging and reporting
- Rules engine for custom actions based on events or schedule
- Customizable alarm terminal

NETWORK FEATURES

- Up to 64 workstations per server
- Network time synchronization

ADMINISTRATION FEATURES

- Customizable user roles
- Local and Active Directory-based user authentication
- Import/export site configurations
- Standard IT backup management

SITE CONFIGURATION FEATURES

- Point-and-click sensor placement
- Automatic sensor detection
- Multi-point line and icon sensor indicators
- Workstation-specific alarms and events
- Alarm priority levels
- Customizable alarm workflows
- Customizable sensor labels and colors
- Customizable audio sounds (.wav)
- Up to 128 custom picture-maps (.jpg)
- Customizable operator procedures

| PART | DESCRIPTION |
|----------|---|
| S2FG0101 | StarNet 2 single-computer hardware/software bundle, includes: <ul style="list-style-type: none"> • One mini-tower computer, 00SP2800 • One StarNet 2 USB key, includes executable software, documentation, and licensing for one (1) instance of Server software and one (1) instance of Workstation software • Network Manager software, 00FG0220 • All software pre-installed |
| S2FG0102 | As above but with 2 PCs and license key for two (2) instances of Workstation software |
| S2FG0103 | As above but with 3 PCs and license key for three (3) instances of Workstation software |
| S2FG0104 | As above but with 4 PCs and license key for four (4) instances of Workstation software |
| S2FG0105 | As above but with 5 PCs and license key for five (5) instances of Workstation software |
| S2MS010x | Additional 3 years of software support and maintenance, where x is the number of workstations |
| 00SP2800 | Industrial small form-factor mini-tower computer with Windows, mouse, and keyboard |
| S2KT0100 | Rack shelf for horizontal mounting of 00SP2800 |
| S2SW0101 | StarNet 2 software and USB key: <ul style="list-style-type: none"> • includes executable software and documentation • licenses one (1) server instance and one (1) workstation instance • includes MSSQL Standard Edition • includes two (2) years of software support and maintenance |
| S2SW010x | As above where x is the number of workstation instances supported |