

StarNeT™ 1000

Security management system

Features & Benefits

- Multi-functional package integrating security management, field network control and sensor configuration
- Powerful point-and-click user interface with optical touch screen support
- Customizable screens and event processing
- Supports Senstar Silver, Crossfire™, Sennet®, CCC and MX networks via Network Manager software
- Supports FiberPatrol via FiberPatrol Network Manager software
- Configuration tool for Intelli-FLEX and IntelliFIBER sensors
- Runs on Windows® 7 and Server 2008
- Compatibility with Senstar security equipment reduces system integration time and risk
- Customized screens optimize effectiveness of personnel
- Cost-effective for any size system

CONTROL, DISPLAY & SECURITY MANAGEMENT SYSTEMS

DESCRIPTION

StarNeT™ 1000 is a Windows®-based multi-functional software package offering three important capabilities:

- Security Management System (SMS)
- Out-of-the-box integration with a broad range of Senstar products
- Setup and configuration tool for Senstar's Intelli-FLEX™ and IntelliFIBER™

Senstar's StarNeT 1000 is a field-proven package with hundreds of installations worldwide that protect a wide range of critical facilities from threats to human safety and property.



STARNET 1000 SMS

As a security management system, StarNeT 1000 displays site information on site-specific maps and enables point-and-click control of all security system components through menus and screen icons.

Using StarNeT 1000, security personnel can:

- View alarms as they occur and acknowledge and reset them as appropriate
- View site-specific maps or images showing the location of sensors and their corresponding detection zones
- Be alerted to alarms or other system events with audio prompts
- Enable or disable sensors
- Control system hardware (lights, CCTV, intercom, etc.)
- Generate reports of system activity and equipment status
- Perform guard tours

Security operators do not require special computer skills and quickly adapt to StarNeT 1000 as it was designed with operator ease-of-use in mind. Operator keyboard interface is required for only a few administrative functions and most interaction is via an intuitive mouse, trackball, and / or touchscreen interface. This greatly increases the speed and accuracy of operator response to emergencies while simultaneously minimizing training costs.

Senstar's StarNeT 1000 Security Management System (SMS) is flexible enough to suit any site from a simple standalone system to a multiple workstation, multiple site application with full hardware redundancy. A StarNeT system can be expanded, upgraded or modified at any time and is supported by Senstar, the world's leading supplier of outdoor security solutions.

StarNeT 1000 allows system integration personnel to develop the specific user interface screens and operating modes to assign security personnel appropriate password-controlled priority levels for access to menus, features, and controls. SIMPL™, the system configuration component of StarNeT 1000, provides a powerful tool for system design.

A menu-driven point-and-click design approach has resulted in ease-of-use without compromising features. Default screen icons can be used to represent site alarm and control points providing rapid "out-of-the-box" functionality or they can be fully customized with different graphics, functionality and associated .wav files (for audio event prompts). An icon copy capability greatly speeds up site creation. Icons can also have associated processes that use Boolean logic and macro-like features to create powerful automated relationships between I/O points.

Other important features of SIMPL include:

- Default icon library with automatic processes for perimeter sensors, fire alarms, interior sensors, guard tour, CCTV call up, intercoms and nurse call. All processes are customizable to meet unique customer requirements.
- Example ".wav" files that can be associated with alarm/operator events. Additional WAV files can be imported or created using standard audio recording programs and a microphone (not included).

STARNET 1000 INTERFACE CAPABILITIES

StarNeT 1000 provides seamless connectivity to a range of Senstar field networks, a general-purpose software interface called Network Alarm Interface for communications with other security management software, and interfaces to various third-party video matrix switches. The Senstar field networks supported include Crossfire, Sennet, Silver, MX and CCC, each of which provides a highly reliable means for connecting field equipment to a central SMS.

CROSSFIRE NETWORK

Crossfire works in a loop topology with separate transmit and receive point-to-point links between each piece of connected field equipment. Crossfire networks are designed to be polled from both ends of the loop, providing redundant data paths to the field equipment. Point-to-point links can be RS-422 or multi-mode fiber optic. Up to 128 field units can be connected with Crossfire. Using Crossfire, StarNeT 1000 can receive alarm and status inputs and set control outputs for Intelli-FLEX, IntelliFIBER and MPS-4100 sensor processors equipped with the Crossfire communications option and for the Crossfire series of Input / Output transponders. For interfacing a PC running StarNeT 1000 to a Crossfire network, Senstar recommends the redundant switcher / data converter unit, part number J4KT0500.

To interface to the Crossfire network, StarNeT 1000 requires Senstar's Crossfire Network Manager which is purchased separately.

SILVER NETWORK

Silver Network uses a loop topology with separate transmit and receive point-to-point links between each piece of connected equipment. Silver Networks are designed to be polled from both ends of the loop, providing redundant data paths to the field equipment. Point-to-point links can be RS-422, single or multi-mode fiber, or over OmniTrax® sensor cables. Up to 60 field units can be connected with Silver Network. Using Silver Network, StarNet 1000 can receive alarm and status inputs and set control outputs for OmniTrax and XField® processors equipped with a Silver Network communications card. OmniTrax support includes receiving ranging information. To interface a PC running StarNet 1000 to Silver Network, a Silver Network Interface Unit (SNIU) is required along with the Silver Network Manager software package.

SENNET NETWORK

Sennet networks use a logical multi-drop communication protocol. Dual physical data paths are incorporated for redundancy. Sennet network interconnects can be RS-485 or multi-mode fiber optic. Up to 62 field units can be connected with a Sennet network.

Using Sennet, StarNet 1000 can receive alarm and status information and set control outputs for the Sennet Transponder Unit (TU), Large Transponder Unit (LTU), Intelli-FLEX and IntelliFIBER processors equipped with the Sennet communications option. To interface a PC running StarNet 1000 to a Sennet network, a Sennet Network Controller is required, along with the Sennet Network Manager software package.



StarNet 1000 Network Configuration

NETWORK ALARM INTERFACE (NAI)

StarNeT 1000's Network Alarm Interface (NAI) provides an easy-to-use software interface between StarNeT 1000 and any other software program to which there is a TCP/IP communications path. Other software can include a third-party security management system or another copy of StarNeT 1000 running on either the same or separate.

Using NAI, a StarNeT 1000 workstation directly controlling security equipment networks can distribute the alarm and status information being collected to other software programs. NAI works over any standard TCP/IP connection.

Senstar provides full documentation and a Dynamic Link Library (DLL) that simplifies software integration for third parties using NAI.

VIDEO MATRIX SWITCHES

StarNeT 1000 supports a range of video matrix switches from manufacturers including American Dynamics, Bosch, and Pelco. Contact your Senstar representative for specific models supported.

SET-UP & CONFIGURATION TOOLS

StarNeT 1000 includes set-up and configuration tools for Intelli-FLEX and IntelliFIBER sensor processors when networked with either Crossfire or Sennet networks, and for the Sennet Network Controller TV and LTU. Once the sensor processors are installed and have their network address set, all further set-up and configuration can be done via StarNeT 1000. This includes viewing and setting thresholds, verifying communications, configuring the operation of input and output points, and recording Intelli-FLEX and IntelliFIBER sensor-response plots. StarNeT 1000 is also integrated with Senstar's Universal Configuration Module (UCM) software so that from the StarNeT 1000 operator screen, an operator with a suitable password can invoke the UCM and perform configuration on OmniTrax and XField sensor processors.

STARNET 1000 PLATFORM COMPATIBILITY

StarNeT runs on Windows® 7 or Server 2008 meaning it can run on the vast array of Windows®-compatible hardware platforms and use any Windows®-supported serial I/O card, network card, or monitor including touchscreen monitors.

STARNET 1000 VERSIONS

StarNeT software is available in large and small versions that can communicate with up to 128 or 32 transponders respectively.

STARNET 1000 SOFTWARE/HARDWARE BUNDLES

Both the large and small StarNeT 1000 versions are available pre-installed on a current generation desktop computer. Each bundle includes Windows® 7 and a 48.3 cm (19 in) LCD monitor. Upgrade options include:

- 48.3 cm (19 in) rack mounted industrial PC
- A variety of sizes of desktop and rackmount LCD and SVGA monitors with and without touchscreens.

| PART | DESCRIPTION |
|----------|---|
| J4KT0100 | StarNeT 1000 software – large system with up to 128 processors/transponders. |
| J4KT0101 | StarNeT 1000 software – small system with up to 32 processors/transponders. |
| J4KT0301 | StarNeT 1000 software and hardware bundle – large system with up to 128 processors/transponders. Includes desktop Windows PC. |
| J4KT0302 | StarNeT 1000 software and hardware bundle – small system with up to 32 processors/transponders. Includes desktop Windows PC. |
| J4KT0800 | Creation of site database and first map. Factory prepared to supplied specifications. |
| J4KT0801 | Creation of second and subsequent maps. Factory prepared to supplied specifications. |
| 00FG0200 | Network Manager software – Windows application version supporting Silver, Sennet, and Crossfire networks. |
| 00FG0220 | Network Manager software – Windows service version supporting Silver, Crossfire, CCC, and FiberPatrol networks. |

