



NexWatch approaches the marketplace from a new and exciting position, having core competencies in 24 by 7 mission critical systems, object oriented multi-tier systems, WINDOWS NT™ client systems, and ODBC / SQL compliant database products such as Foxpro and Unify. NexWatch's interest in systems development is directed towards helping customers maximize and utilize their information technology community resources. Systems and components from NexWatch are developed with our customer needs in mind. NEXSENTRY® STARGAZE™ supplies the open enterprise architecture to provide the most advanced solutions for our customers.

Since it uses advanced multi-tier architecture, NEXSENTRY STARGAZE™ can be easily customized for the specific needs of any application. In its basic configuration, NexSentry StarGaze™ performs the following functions: access control, alarm monitoring, audit trail, reporting, system diagnostics, and graphical maps. The fully integrated Windows interface gives operators a point, click, list and pick user interface for administration of StarGaze™. System functionality can be expanded by simply adding the modules necessary for specific applications. Optional modules include Photo ID and CCTV.

Compliance with industry standard communications and networking protocols gives NEXSENTRY STARGAZE™ virtually unlimited expansion potential using LAN/Ethernet, leased telephone lines or dial-up circuits. NEXSENTRY STARGAZE™ supports multiple control technologies, including: proximity, keypad, magnetic stripe, smart card, and biometrics. NEXSENTRY STARGAZE™ is the premier host system for some of the most popular access control units available, including: NEXSENTRY Star Series, 4100 Series, Alto 818 Series, and SE 422 Series controllers.

NEXSENTRY STARGAZE™ is available in three versions, depending on the level of complexity of an installation. STARGAZE™ One is ideal for smaller applications such as a single-building facility. STARGAZE™ Two and STARGAZE™ Three are systems that meet the needs of larger, more complex applications, such as a multiple-building complex.

## KEY FEATURES

- Red Hat® Linux, scalable, portable, powerful LAN services
  - Microsoft® Windows NT™ Operator Stations with a fully integrated graphical user interface for all functions
  - Open architecture database that supports ODBC and SQL
  - A powerful security management system with virtually unlimited integration and expansion options
  - Integration options for photo ID, CCTV, elevator control, etc.
  - Centralized, distributed and remote processing
  - Support for multiple access control technologies at each door
  - Multi-tasking and Multi-user
  - Hyper-entry Windows features for switching between data entry dialog windows
  - System actions by time/event, alarm interrupts and priority routing
  - Remote diagnostic support and comprehensive on-line help
  - Full reporting capabilities / custom reports
  - Interactive graphical maps
    - Import CAD/CAM and other graphics formats
    - Monitor and control with point-and-click interactive icons
- Multi-tier architecture provides easy customization for needs of any specific application



## BENEFITS

- Robust, security model with custom scalability options ensures outstanding enterprise-level performance
- Multi-tier architecture minimizes network interchanges and provides a more rich and secure communication infrastructure
- Intuitive graphical user interface minimizes operator training and helps organize tasks more efficiently
- Uses open architecture to build electronic access control systems from off-the-shelf software components
- Greater Opportunities to integrate with other system such as CCTV, badging and other enterprise-level systems

## FEATURES

NEXSENTRY STARGAZE™ uses the most comprehensive Security Management Software available today. The following is a partial list of the standard features that are in every version of NEXSENTRY STARGAZE™. The accompanying chart, "Database Specifications", lists features that are unique to each version of NEXSENTRY STARGAZE™.

### Available versions:

- **STARGAZE™ One:** smaller applications, such as a single-building facility
- **STARGAZE™ Two** and **STARGAZE™ Three:** larger, more complex applications; multiple-building complex.

### Bundled systems:

State-of-the-art CPUs designed for optimum performance of system software and integrated components

### Controller support:

- Star Series Controllers
- NexSentry 4100 Series
- Alto 818 Series
- SE 422 Series
- SE 718

### Technology support:

- Digital proximity
- Analog proximity
- Keypad
- Magnetic stripe
- Smart Card
- Biometrics

### Standard functions:

- Fully Integrated Graphical user Interface
- Graphical operation
- Access control

- System and activity monitoring
- Database management
- Database reporting
- Status and overrides
- Custom cardholder PIN
- Cardholder database:
  - User-definable custom cardholder fields
- UNIFY Dataserver relational database with SQL
- Maps:
  - Monitor, control security network through maps
  - BMP map import
  - Graphical icons

### System networking and expansion:

#### Options:

- Local Controllers (LCs)
  - STARGAZE™ Two
  - STARGAZE™ Three
- Remote Dial-up Interface units (RDI) (StarGaze 2+3 only)

#### Network wiring:

- LAN/Ethernet
- Leased lines
- Remote dial-up

## Operations:

### Hyper-Entry:

- Point and click to look up information in supporting dialogue screens and dynamically enter the data in another window

### Installation tools:

- Allows the installer to easily define components of the system Diagnostics tools

## DATABASE SPECIFICATIONS

	StarGaze One ★	StarGaze Two ★★	StarGaze Three ★★★
<b>Access Control</b>			
<b>Clients</b> (additional Client seats are available)	1	1	1
<b>Cardholders</b>	8,000	128,000	250,000
<b>Access codes</b>	2,000	32,000	32,000
<b>Time codes</b>	128	128	128
<b>Holidays</b>	50	50	50
<b>On-line transaction storage</b>	2,000,000	2,000,000	2,000,000
<b>Off-line transaction storage</b>	Unlimited	Unlimited	Unlimited
<b>Local controllers (LCs)</b>	0	4	32
<b>Remote dial-up interfaces (RDIs)</b>	0	128	256
<b>Access Control Units</b> (without LC or dial-up)	Central: 8 Distributed: 16	Central: 32 Distributed: 64	Central: 64 Distributed: 128
<b>Doors</b> (without LC or Dial-up)	Central: 64 Distributed: 128	Central: 256 Distributed: 512	Central: 512 Distributed: 1024
<b>Alarm Monitoring</b>			
<b>Monitoring points</b>	Central: 256 Distributed: 512	Central: 1024 Distributed: 2048	Central: 2048 Distributed: 4096
<b>Output relays</b>	Central: 64 Distributed: 128	Central: 512 Distributed: 1024	Central: 1024 Distributed: 2048
<b>Reporting &amp; Operating</b>			
<b>Operators/passwords</b>	500	500	500
<b>Floor plan maps</b>	1000	1000	1000

**Real-time monitoring:**

- Every device on access control system
- Communications failures, tampers, power fails, sensor failures, etc., immediately reported as alarm conditions

**Access Control**

**Smart Failsoft:**

- Define access privileges as “Off-line (Degraded) Mode Only”
- During normal operation, Server makes access decisions
- Controller makes access decision when communication is severed

**Tenant capability:**

- Multiple simultaneous users (tenants)
- No viewing of other tenant information

**Task and event programming:**

- Define what happens as a result of an event
- Multiple responses to a single event

**Anti-Passback:**

- Each reader/sensor can be assigned to a Passback zone and a direction (in or out)
- Prevents multiple entries using single credential, such as parking facilities and high security areas

**Auto unlock:**

- Define automatic unlock time periods, based on day and time, for any door desired
- System automatically unlocks the specified door at the beginning of the time period and re-locks the door at the end of the time period

**Manual unlock:**

- Unlock any door, or group of doors, from the computer terminal keyboard
- Record time, date, and operator's name

**Alarm events:**

- Predefined events considered alarms are displayed immediately and permanently logged for later reporting
- Provides operator instructions, map displays, and alarm annunciation

**Access tracking:**

- Traces all access at selected doors or by selected keys

**Comprehensive reporting:**

- Cardholder History Report
- Point History Inquiry
- Selective Transaction Report
- Access Control Archive Report
- Passback Level Report
- Master File Reports

**Real time monitoring:**

- Displays all activity occurring throughout the access control system as it happens
- Displays activity graphically on graphical maps

**Visitor access control:**

- Tracks visitors
- Issues keys before valid date
- Denies access after valid date
- Traces and reports user activity

**Project scheduling:**

- Grants or denies additional levels of access to employees based on a set of clearances established for a specific project
- Provides an additional security clearance that can be controlled by door, time of day, day of week, and by a date or range of dates

**Decision Processing:**

Centralized, Distributed, Deferred

- Allows decision-making capabilities to be centralized in Servers and LC workstations, or distributed to the access control units

**OPTIONS**

In a world with highly sophisticated access control needs, there's no such thing as a “typical” installation. This makes it important to install a security management system that has the following attributes:

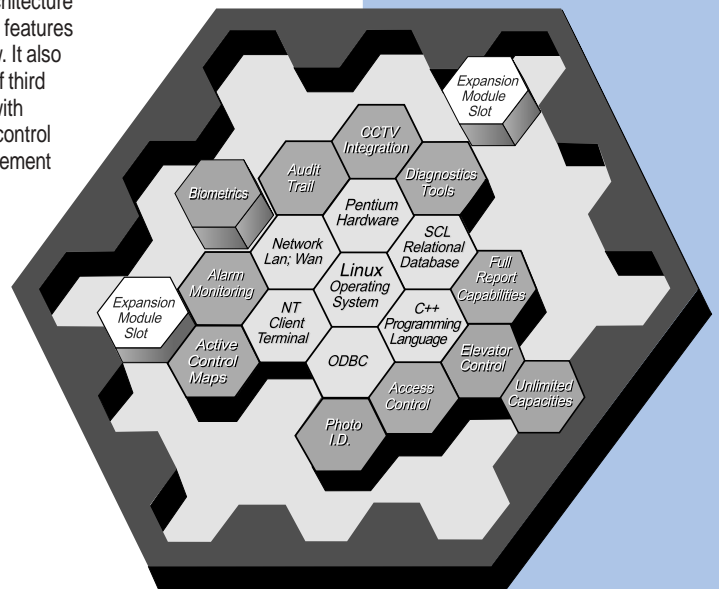
- seamlessly integrates with the security network
- is flexible enough to be tailored specifically for the varied needs of the installation
- will change and expand as the needs of the organization grow
- can easily integrate new technologies as they are introduced

**BENEFITS:**

- Linux and NT are readily acceptable by IT departments for support
- Linux is extremely stable and reliable; over 70% of Internet Service Providers run on Linux
- Integrated Badging and CCTV functions with a single user interface eliminating the need for multiple software/hardware packages and redundancy in data entry
- Flexible software licensing packages and hardware components allow the system to be tailored to individual customer needs and applications

**SYSTEM MODULARITY**

NEXSENTRY STARGAZE™ modular system architecture allows users to add features as their needs grow. It also allows integration of third party applications with NexWatch access control and security management systems.





This level of flexibility is built into NexSENTRY STARGAZE™ through its modular design and open architecture.

The following are descriptions of some optional features and applications that can be integrated with a NexSENTRY STARGAZE™ system:

**Two-man rule:**

No access unless two individuals with valid access privileges present their keys

**Advanced report generator**

Flexibility to use Crystal Reports allows users to create their own custom reports.

**Audit trail**

Audit Trail provides a complete history of data changes made to a NexSENTRY STARGAZE™ system by documenting all changes made to the database (excluding system-generated transactions or logs). The Audit Trail provides the user with a “before and after” image of the data.

**CCTV**

The CCTV module allows CCTV cameras to be activated upon an alarm or when someone presents a card to a reader. User-definable preset position of pan, tilt, and zoom eliminates guard guesswork; but, also allows camera operation by a guard at an Operator Station. Operators can control multiple cameras on any monitor.

**Elevator Control**

Elevator Control allows a system to monitor and control access to elevators and/or individual floors. When a cardholder presents a key to a reader inside the elevator, the system will activate only the floor buttons authorized for that person.

**Photo ID: NexSentry Imaging Solutions**

NexSENTRY Imaging Solutions seamlessly integrate advanced DataCard photo ID capabilities with NexSENTRY STARGAZE™. Industry-standard database protocol compliance allows NexSENTRY Imaging Solutions to share database functions with NexSENTRY STARGAZE™.

**ORDERING INFORMATION**

Order #	Description
<b>STARGAZE™ Security Management System software</b>	
92605070001	STARGAZE™ One 110V
92605071002	STARGAZE™ One 220V
92620070002	STARGAZE™ Two 110V
92620071003	STARGAZE™ Two 220V
92630070003	STARGAZE™ Three 110V
92630071004	STARGAZE™ Three 220V
<b>Local Controllers - STARGAZE™ Two and STARGAZE™ Three</b>	
92620080000	SLC2 Local Controller 110V
92620081000	SLC2 Local Controller 220V
92630080000	SLC3 Local Controller 110V
92630081000	SLC3 Local Controller 220V
<b>Controller support package</b>	
92610034500	Controller Support, NexSENTRY Star II (Chip)
92610034001	Controller Support, NexSENTRY Star I, 41xxSeries/800 Series / 422 Series
92610033001	Controller Support 718P
92605032001	Opto22 Support
92610041001	Vicon CCTV Support, #VPS1344
92610043001	Burle CCTV support, 8500 series
92610044001	American Dynamics CCTV support - Matrix switching system
92610049001	Pelco Pacom CCTV Support System, #9740, #9750, #9760
92620052001	Recognition Systems Hand Geometry Support
<b>Software options</b>	
92605038001	Elevator Control
92610048001	Two-Man Rule
92605046001	Electronic Directory
92610076001	Guard Tour
<b>STARGAZE™ Client options</b>	
92600020001	STARGAZE™ Client (Bundled) 110-220 V
92600020002	STARGAZE™ Client (Unbundled) (Up to 5) includes License
92600020005	STARGAZE™ Client (Unbundled) (from 6 to 10) includes License
92600020101	STARGAZE™ Video Option (Bundled and Unbundled)
<b>License</b>	
92600020004	STARGAZE™ ODBC Seat License

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