niagara
enterprise security supervisor

PRODUCT DEFINITION

Niagara Enterprise Security Supervisor runs on Tridium's Niagara AX Supervisor software platform. It includes an intuitive graphical user interface for managing access control and security that can be tailored for the end user with custom reports and graphics. The Niagara Enterprise Security Supervisor manages access control databases from Tridium's Niagara Security JACE® controllers, as well as other building control systems, providing a robust distributed network architecture for access control, security, video surveillance and building control. Web clients provide full configuration and operator functionality for up to 25 simultaneous users.

FEATURES

Role-based users – control what users view and can access or command
Threat Level Management – change building access control based on up to 255 different threat levels
Advanced Zone Management – count people in a zone, set min and max occupancy limits, require a Supervisor and prevent passback
Intrusion Zone Management – Monitor, arm, disarm secured areas
Elevator Floor Control – Individual floor access control
Intuitive user interface with context sensitive help
Web Client User Interface – system access wherever, whenever you need it without additional client licenses
Configurable Wiegand Formats – Support for most proximity card formats. Avoid replacing existing credentials when retrofitting systems
Custom Reports – The information you need in the format you want
Custom Graphic / Map creation – Create custom graphics to provide operators with quick access to critical information
Video System Integration – View and control cameras from the same console as other building functions. Select associated video from the alarm console, or pop-up video when alarms occur
Integrated Identity Management – Print badges, verify identity by comparing photo with video feed
Database Import – import data from other access control systems or HR databases to quickly populate the database
Alarm Escalation – Escalate alarms to remote consoles or email recipients

SUPPORTED DRIVERS

Video Drivers – Milestone®, Axis®, Dedicated Micros®, Honeywell
Identity Management – Asure ID®
Building Automation Drivers – BACnet®, Lonworks®, Modbus®, SNMP, Obix and many more
For an up-to-date list of supported drivers, visit the resource library on tridium.com

KEY ADVANTAGES

- Unified graphical tool set for all connected building systems

- BACnet® server for integration with almost any building automation system

- Scaleable from 2 – 10,000 doors

- Robust, distributed architecture

- Centralized data management and backup

- Integrated video surveillance

- Customizable access control functions using Niagara tools

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SPECIFICATIONS

	Niagara Enterprise Security Supervisor	T-SEC-J-602/616
Personnel	1,000,000	20,000
Card Readers	10,000	32
Access Rights	25,000	250
Schedules	1,500	100
Access Zones	25,000	50
Simultaneous Users	25	10
Area Controllers	250	N/A

PLATFORM REQUIREMENTS

The Niagara Enterprise Security Supervisor may run acceptably on lower-rated platforms, or may require more powerful platforms, depending on the application, number of data points integrated, data poll rate, number of concurrent users, performance expectations, etc. The following is the recommended platform for optimal performance on a typical system:

- Processor: Intel® Xeon® CPU E5-2640 x64 (or better), compatible with dual and quad-core processors
- Operating System: Windows 7, Windows 8.1 Enterprise, Windows Server 2008, Windows Server 2012 Standard and 2012 R2 Standard, Windows 10
- Memory: 4 GB or more recommended
- Hard Drive: 500 GB or more recommended
- Display: Video card and monitor capable of displaying 1024 x 768 pixel resolution or greater
- Network Support: Ethernet adapter (10/100 Mb with RJ-45 connector)
- Connectivity: Full-time high-speed ISP connection recommended for remote site access (i.e. T1, ADSL, cable modem)

COMPATIBILITY

Niagara AX 3.8 U1 or later

- Security JACEs must be at the same version as the Enterprise Server
- Standard (non-Niagara Security) JACEs must be at the same or earlier version as the Enterprise Server; 3.6 U4, 3.7 U1 and 3.8 R and higher are supported

MSSQL/MSSQL Express 2003 – 2012

MySQL: Verified with versions up to 5.7.9

Browsers: Internet Explorer 10 and 11, Mozilla Firefox 42, Google Chrome 46

Current versions of Google Chrome and Mozilla Firefox do not support views that require WbApplet

Java Web Start version 8 Update 73 or later supports WbApplet views without browser support

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ORDERING INFORMATION

Niagara Enterprise Security Supervisor

Niagara AX Supervisor with Enterprise Security Appliance. Licensed for 32 readers, MySQL and MSSQL database drivers. May be upgraded to include BAS driver functionality with optional upgrade part.

T-SEC-ENT-6	Small Facility Security Supervisor for up to 6 JACE connections
T-SEC-ENT-100	Medium Facility Security Supervisor for up to 100 JACE connections
T-SEC-ENT-250	Large Facility Security Supervisor for up to 250 JACE connections

Niagara Enterprise Security Supervisor Integrated

Niagara AX Supervisor with Enterprise Security Appliance. Licensed for 32 readers, MySQL and MSSQL database drivers. Optional BAS drivers available.

T-S-AX-10-INT	Small Facility Integrated Security Supervisor for up to 10 JACE connections
T-S-AX-100-INT	Medium Facility Integrated Security Supervisor for up to 100 JACE connections
T-S-AX-250-INT	Large Facility Integrated Security Supervisor for up to 250 JACE connections

Niagara Enterprise Security Additional Reader Packs

SEC-R-16	16 Reader Pack
SEC-R-64	64 Reader Pack
SEC-R-256	256 Reader Pack
SEC-R-1024	1024 Reader Pack

Niagara Enterprise Security Upgrades

SEC-BAS-U	Upgrade Niagara Enterprise Security Supervisor to allow BAS driver functionality
SEC-ENT-U	Upgrade Niagara BAS Supervisor to Niagara Enterprise Security Supervisor with MySQL, MS SQL and 32 readers
SEC-U-100	Upgrade Niagara Enterprise Security Supervisor from small to medium
SEC-U-250	Upgrade Niagara Enterprise Security Supervisor from medium to large
SUP-UP-1	Add one JACE connection to the Niagara Enterprise Security Supervisor

Niagara Enterprise Security Video Options

DR-S-AXS-AX	Axis IP Camera Base Supervisor Driver for 16 cameras
DR-S-AXS-4	Additional 4 Camera Block for Axis IP Camera Supervisor Driver
DR-S-DED-AX	Dedicated Micros Base Supervisor Driver for 16 cameras
DR-S-DED-4	Additional 4 Camera Block for Dedicated Micros Supervisor Driver
DR-S-MLS-AX	Milestone Base Supervisor Driver for 16 cameras
DR-S-MLS-4	Additional 4 Camera Block for Milestone System Supervisor Driver
DR-S-RPD-AX	Honeywell Rapid Eye™ Base Supervisor Driver for 16 cameras
DR-S-RPD-4	Additional 4 Camera Block for Honeywell Rapid Eye Supervisor Driver

Niagara Enterprise Security Photo ID

DR-SEC-S-ASURE	Photo ID Driver – enables photo import and integrated photo ID management. Integrates with SEC-ASURE-ID (HID® Asure ID SDK) software which is required for designing badge templates, printing badges and capturing photos
SEC-ASURE-ID*	HID Asure ID SDK Software – used for photo capture, creating badge templates and printing badges

Niagara Enterprise Security Supervisor Revision Upgrade

SEC-REV-6	Security Small Building Revision Upgrade to current Niagara AX version
SEC-REV-100	Security Supervisor Revision Upgrade to current Niagara AX version
SEC-REV-250	Security Large System Revision Upgrade to current Niagara AX version

Niagara Enterprise Security Supervisor Maintenance

Effective for one Maintenance Term (a period of at least 12 months, as defined in Tridium's Software Maintenance Terms and Conditions). Upgrades licenses to Niagara 4 releases issued during the Maintenance Term for which the maintenance is purchased. Subject to Tridium's Software Maintenance Terms and Conditions. The Software Maintenance Terms and Conditions can be found in the Resource Library on tridium.com.

SEC-ENT-6-MA	Security Small Building Maintenance for 1 term
SEC-ENT-100-MA	Security Supervisor Maintenance for 1 term
SEC-ENT-250-MA	Security Large System Maintenance for 1 term

*SEC-ASURE-ID is not offered in EMEA

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The Niagara Enterprise Security Supervisor is available through a wide variety of original equipment manufacturers. Our open distribution business model and open protocol support allow a vendor-neutral application compatible with devices and systems throughout the world.

Seamless integration for your building systems

To learn more about how to purchase and install the Niagara Enterprise Security Supervisor, or if you are an original equipment manufacturer and would like to add this to your suite of offerings, please contact us.

TRIDIUM

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