

Alerton Integration Engine Supervisor

Features and highlights

- **Flexible**
Supports multiple A-2, A-6 or A-7 controllers connected to a local Ethernet network, or the Internet.
- **Powerful**
Provides “audit trail” of database changes, database storage and backup, global time functions, calendar, central scheduling, control, and energy management routines.
- **Expandable**
Optional direct Ethernet based driver support for BACnet I/P, OPC (Client), Modbus TCP and SNMP; additional point blocks for each driver available in blocks of 500 for each protocol.
- **Dynamic**
Supports an unlimited number of users over the Internet or intranet with a standard web browser, depending on the host PC resources.

Additional features

- Java-enabled user interface (UI) as well as a non-Java UI for browsers.
- Optional enterprise-level data archival using SQL, Oracle or DB2 database, and HTTP/HTML/XML text formats.
- Sophisticated alarm processing and routing, including e-mail and paging.
- Provides access to alarms, logs, graphics, schedules, and configuration data with a standard web browser.
- Password protection and security using standard Java (on Windows platforms only) authentication and encryption techniques with optional security supported via an external LDAP connection.
- HTML-based help system that includes comprehensive on-line system documentation.
- Provides online/offline use of the Niagara Framework WorkPlace AX® graphical configuration tool and a comprehensive Java Object Library.
- A “Small Building System” version is available for support of a system with up to three AIE controllers.
- Currently, the only driver—other than the built-in driver for AIEs—available for the 64-bit version is BACnet.



The Alerton Integration Engine (AIE) Supervisor is a flexible network server used in applications where multiple AIE controllers will be networked together (A-2, A-6 or A-7). The AIE Supervisor serves real-time graphical information displays to standard web browser clients. It also provides server-level functions such as centralized data logging, archiving, alarming, real-time graphical displays, master scheduling, system-wide database management, and integration with enterprise software applications. In addition, the AIE Supervisor provides a comprehensive, graphical engineering toolset for application development.

In addition to the standard Alerton AIE Supervisor, a 64-bit version for PCs supporting the Windows 64-bit OS is now available for monitoring systems intended to monitor between 150 and 500 AIEs. The AIE Supervisor 64-bit version supports the same feature set as the standard version.

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Technical data

- **Processor** Intel Pentium® IV, 2 GHz or higher, Core 2 Duo also acceptable.
- **Memory** 1 GB minimum, 2GB or more recommended for large systems , 8 GB or more recommended for the Windows 64 bit version.
- **Hard Drive** 1 GB minimum, 5 GB for applications that need more archiving capacity.
- **Operating System**
Microsoft Windows XP Professional, Windows 2003 or 2008 Server (if Microsoft IIS is disabled), Vista Ultimate, Mozilla Firefox™ or Internet Explorer™ 5.0 or later
For the 64 bit AX Supervisor, the required OS is Windows XP Professional-64 bit.
- **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).
- **Modem** 56 KB minimum, full time high speed ISP connection recommended for remote site access (i.e. T1, ADSL, cable modem).

Ordering information

Item number	Description
A-S-AX-3	Small Building Windows Supervisor; maximum 3 devices.
A-S-AX-100	Medium Building Windows Supervisor; maximum 100 devices.
A-S-AX-UNL	Large Building Windows Supervisor; no device limit.
A-S-U-AX-100	Upgrade from A-S-AX-3 to 100 devices.
A-S-U-AX-UNL	Upgrade from A-S-AX-100 to unlimited devices.
A-WP-AX	Alerton-branded, stand-alone copy of Workplace AX. Supports both Supervisor and Niagara devices. Allows for multiple station connections to engineer Niagara devices. <i>Note: You cannot run a station on your local machine with Workplace AX.</i>
I-SUP-U-AX	New release software upgrade for Supervisor. Upgrades the Supervisor to the current release.
I-SUP-MW-AX	Annual software maintenance agreement when purchased with any AX Supervisor. Includes new and interim releases for 1 year from ship date.

Specifications subject to change without notice