

NIAGARA AX SUPERVISOR SOFTWARE

OVERVIEW

Circon Facility Integrator™ (FI) is a suite of Niagara-based products designed to integrate diverse smart devices into a unified, Internet-enabled, web-based system. FI solutions integrate LonWorks™, BACnet™, oBIX, Internet, and web services protocols in a software platform that can be used in embedded controllers or server applications. FI includes integrated network management tools to support the design, configuration, installation, and maintenance of interoperable networks. The Circon FI AX Supervisor is a flexible network server used in applications where multiple Niagara AX-based controllers will be networked together (ie. SoftFI, FI-PC1000 Series, FI-PC6000 Series, etc.).

The AX Supervisor serves real time graphical information displays to standard web-browser clients and 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 AX Supervisor provides a comprehensive, graphical engineering toolset for application development.

oBIX is now included with the AX Supervisor as a means of integrating Niagara-based Release 2 JENEs. With release 2.3.522 or greater, the oBIX driver can be added to expose all data points, schedules, trends and alarms to an AX system. This oBIX driver is both a client and a server.

ORDERING INFORMATION

Part numbers:

- 52-0039 (FI-SUP): Supervisor Software for Windows XP and 2000
- 52-0039 (FI-SUP-LNX): Supervisor Software for Linux
- 52-0039 (FI-SUP-64): Supervisor Software for 64-bit Windows applications
- 52-0039 (FI-SUP-SBS): Supervisor Software limited to 3 FI-PC controllers



FEATURES

- Accessible over the via a standard web browser
- Enterprise-level data archival using SQL, Oracle or DB2 database, and HTTP/HTML/XML text formats
- “Audit Trail” of database changes, storage and backup, time functions, calendar, scheduling, control, and energy management routines
- Sophisticated alarm processing and routing
- Provides access to alarms, logs, graphics, schedules, and configuration data
- Password protection and security
- HTML-based help system that includes comprehensive on-line system documentation
- Supports multiple FI-PC1000 and FI-PC6000 controllers connected locally or remotely
- Provides online/offline use of the Niagara Framework ProBuilder graphical configuration tool and a comprehensive Java Object Library
- Optional direct Ethernet based driver support for BACnet I/P, OPC (Client), Modbus TCP, SNMP, and oBIX
- A “Small Building System” version is available for support of a system with up to three FI-PC controllers



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FI SUPERVISOR SOFTWARE

SPECIFICATIONS

PLATFORM

Processor: Intel Pentium IV, 2 GHz or higher

Operating System: Microsoft Windows 7, Windows 2000, or Windows XP Professional; Windows 2003 Server (if Microsoft IIS is disabled); Mozilla Firefox, Internet Explorer, Netscape Communicator 4.5 or later

Memory: 1 GB minimum, 2 GB or more recommended for large systems

Hard Drive: 1 GB minimum, 5 GB for applications requiring more archiving capability

Display: Video card and monitor capable of displaying 1024 x 768 pixel resolution or greater

Modem: 56 KB minimum, full time high speed ISP connection recommended for remote site access (ie. T1, ADSL, cable modem, etc.)

SOFTWARE OPTIONS

FI-SUP-SBS-UP-LIC: FI-SS Small Building System Supervisor Upgrade to Standard FI-SS Supervisor (Removes Niagara device limit of 3)

FI-PRO-AX: Additional Copy of ProBuilder for End Users

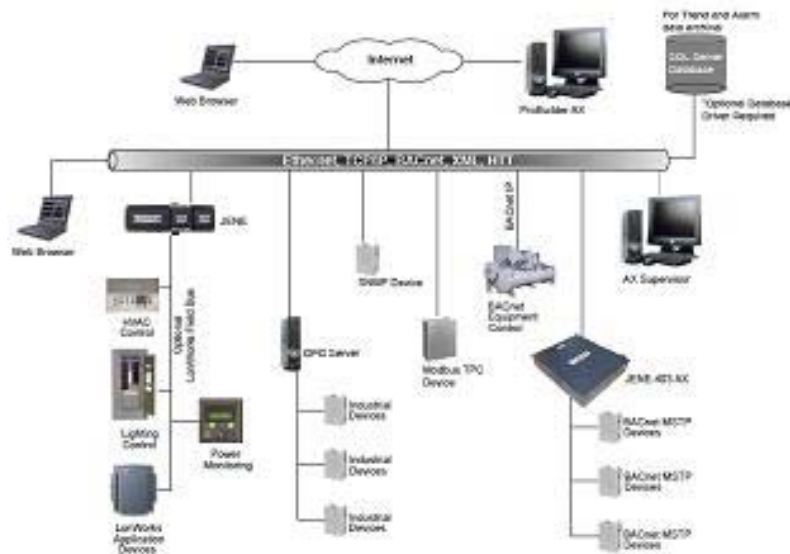
ALM-CONSOLE-AX: The Alarm Console client. No separate server is required. Supports both Supervisor and Niagara device alarm monitoring

DR-ALMCSL-AX: AX Alarm Console, Support SQL server and Enterprise Client workstation

DR-SMS-AX: SMS Driver that support Multi-group and Multi-mobile

NOTE: Additional software options and drivers are available. Please contact EBAC for the complete list.

TYPICAL ARCHITECTURE



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