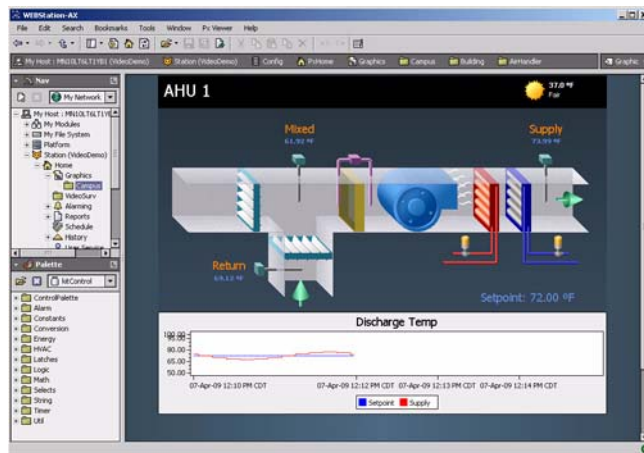


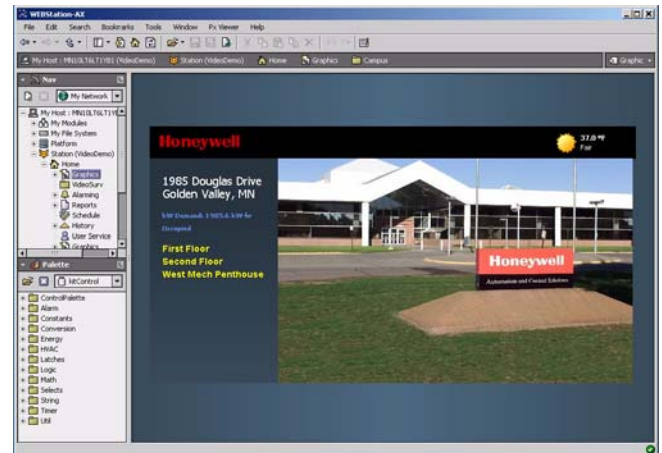
WEBStation-AX™

APPLICATIONS

The WEBStation-AX™ is a network server for all connected WEBs-AX Controllers. WEBStation is designed to harness the power of the Internet and provide efficient integration of standard open protocols, such as BACnet™ and LONWORKS®. WEBStation-AX™ creates a powerful network environment with comprehensive database management, alarm management and messaging services. In addition, WEBStation-AX™ provides an engineering environment and graphical user interface.



SPECIFICATION DATA



FEATURES

- Powerful Java enabled graphical user interface.
- Supports an unlimited number of users over the Internet / intranet with a standard Web browser.
- Enterprise level information exchange using an SQL database and HTTP/ HTML/XML text formats.
- Audit trail of database changes indicating user, time stamp and audit action.
- Synchronizes controller databases, database storage scheduling, control and energy management routines.
- Sophisticated alarm processing and routing which includes email and paging.
- Provides access to alarms, logs, graphics, schedules and configuration data with a standard Web browser.
- Password protection and security using standard Java authentication and encryption techniques.
- HTML based help system that includes comprehensive online system documentation.
- Supports multiple WEBs-AX Controller stations connected to a local Ethernet or the Internet.
- Provides online/off line use of the WEB Pro-AX™ graphical application configuration tool and a comprehensive Object Library.



PLATFORM REQUIREMENTS

Processor:

Intel Pentium® IV, 2 GHz or higher

Operating System:

Microsoft Windows XP Professional, Windows 2003 Server (if Microsoft IIS is disabled), Vista Ultimate, Mozilla Firefox™ or Internet Explorer™ 5.0 or later

Memory:

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

Hard Drive:

1 GB minimum, 5 GB for applications that need more archiving capacity

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

Table 1. WEBs-AX Supervisor Software

Part #	Description
WEB-S-AX	WEB Supervisor for Windows XP or Windows 2003 Server. Includes NiagaraAX Historical Database and WEBProAX. Includes oBIX client / server driver for connecting to Niagara based controllers only.
WEB-S-LNX-AX	WEB Supervisor Linux platforms. Includes NiagaraAX Historical Database and WEBProAX. Includes oBIX client / server driver for connecting to Niagara based controllers only.
WEB-S-AX-64	WEB Supervisor for 64 bit Windows platforms. Includes NiagaraAX Historical Database and WEBProAX. Includes oBIX client / server driver for connecting to Niagara based controllers only.
WEB-S-AX-SBS	Small Building WEB Supervisor for Windows XP or Windows 2003 Server. Includes NiagaraAX Historical Database and WEBProAX. Allows connections to 3 Niagara-AX controllers. Includes oBIX client / server driver for connecting to Niagara based controllers only.
WEB-S-AX-SBS-EXUP	Upgrade from a WEB-S-AX-SBS to a full WEBs-AX Supervisor (WEB-S-AX).
WEB-S-AX-W	WEBPro-AX Engineering Package.

Table 2. Optional Database Drivers for External Database applications (not available for SBS version of AX Supervisor)

Part #	Description
S-DB-SQL	Microsoft SQL Database Driver
S-DB-MYSQL	MySQL Database Driver
S-DB-DB2	IBM DB2 Database Driver
S-DB-ORCL	Oracle Database Driver

Table 3. Open system Drivers for WEBS-AX Supervisor (not available for SBS version of AX Supervisor)

Part #	Description
DR-NS-OBIX-AX	AX Supervisor oBIX Driver for connecting to any devices not powered by Niagara , includes license for 500 oBIX points.
DR-NS-OBIX-500	Additional 500 point block for AX Supervisor oBIX Driver.
DR-NS-BAC-AX	AX Supervisor BACnet IP Driver. Includes license for 500 BACnet IP points.
DR-NS-BAC-500	Additional 500 point block for AX Supervisor BACnet IP Driver.
S-AX-BCSRV-AX	Ability to serve BACnet IP on the AX Supervisor level. Requires purchase of DR-NS-BAC-AX, point count equals already purchased BACnet IP points.
DR-NS-OPC-AX	AX Supervisor OPC Driver. Includes license for 500 OPC points.
DR-NS-OPC-500	Additional 500 point block for AX Supervisor OPC Driver.
DR-NS-MDB-AX	AX Supervisor Modbus TCP Driver. Includes license for 500 Modbus TCP points.
DR-NS-MDB-500	Additional 500 point block for AX Supervisor Modbus TCP Driver.
DR-NS-SNMP-AX	AX Supervisor SNMP Driver. Includes license for 500 SNMP points.
DR-NS-SNMP-500	Additional 500 point block for AX Supervisor SNMP Driver.



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Automation and Control Solutions

Honeywell International Inc.
1985 Douglas Drive North
Golden Valley, MN 55422
customer.honeywell.com

Honeywell Limited-Honeywell Limitée
35 Dynamic Drive
Toronto, Ontario M1V 4Z9

