TALON

Technical Specification Sheet
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TALON® Workstation - AX

Description

The TALON® Workstation is a powerful network interface that provides comprehensive database management, alarm management and messaging services. It makes integrated facility management easier than ever by providing an advanced, user-friendly and cost-effective solution for performing the daily operational tasks associated with any facility.

The TALON Workstation also provides a comprehensive engineering environment for easy creation and editing of system control programming and user interface graphics.

The TALON Workstation powered by the Niagara^{AX} Framework, is a suite of Java-based products designed to integrate a variety of devices and protocols into a common distributed automation system.

It incorporates the industry's first software technology to integrate LonWorks, BACnet, and various Internet standards in a common object model, embedded at the controller level and supported by a standard web browser interface.

The TALON Workstation enables you to select the interface method that will best meet the needs of each facility.

Features

- Java-enabled user interface (UI) as well as a non-Java UI for Web browsers
- Supports an unlimited number of users over the Internet/Intranet with a standard web browser, depending on the host PC resources
- Optional Enterprise-level data archival using SQL, Oracle or DB2 database, and HTTP/HTML/XML text formats.
- “Audit Trail” of database changes, database storage and backup, global time functions, calendar, central scheduling, control, and energy management routines.
- 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 authentication and encryption techniques with optional security supported via an external LDAP connection
- HTML-based help system that includes comprehensive online system documentation.
- Supports multiple Network Manager stations connected to a local Ethernet network, or the Internet.
- Provides online/offline use of the Niagara Framework WorkPlace AX graphical application configuration

Platform Requirements

- Niagara Version 3.7
- Processor: Intel Pentium IV, or Core 2 Duo, 2 GHz or higher
- Operating System: Microsoft Windows XP Professional, Windows 2003 or 2008 Server (if Microsoft IIS is disabled), Vista Business, or Windows 7. Mozilla Firefox, Internet Explorer 5.0 or later.
- Memory: 1 GB minimum, 2GB or more recommended for large systems
- Hard Drive: 1 GB minimum, 5 GB or more 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)

Ordering Information

Part Number	Description
588-951	AX Embedded WORKBENCH Customer Tool
588-952	AX Additional Copy of WORKBENCH TOOL
588-953	AX IP/BP SQL Database License
588-802	AX 500 Point BACnet Driver
588-803	AX 500 Point OPC Driver
588-805	AX 500 Point SNMP Driver
588-806	AX BACnet Additional 500 Points
588-921	AX Alarm Console Client
588-925	BACNET SUPERVISOR SERVER
588-970	Windows based 32- or 64-bit AX Supervisor software limited to 3 TNM® controllers; Includes Niagara Historical Database and Workplace AX. Includes OBIX client / server driver for connecting to Niagara based controllers only. CD must be requested at time of purchase.
588-971	Windows based 32- or 64-bit AX Supervisor software limited to 100 TNM controllers; Includes Niagara Historical Database and Workplace AX. Includes OBIX client/server driver for connecting to Niagara based controllers only. CD must be requested at time of purchase.
588-972	Windows based 32- or 64-bit AX Supervisor software No numerical device limit on the number of TNM controllers allowed; Includes Niagara Historical Database and Workplace AX. Includes OBIX client / server driver for connecting to Niagara based controllers only. CD must be requested at time of purchase.
588-973	Windows supervisor upgrade from 3 devices to 100 connected TNMs.
588-974	Windows supervisor upgrade from 100 devices to unlimited connected TNMs.
588-749	BLT listing for OWS Add BACnet Operator Workstation (OWS) to the AX Supervisor. Requires the BACnet IP Client Driver.
588-722	BTL listed for Advanced Workstation. Add BACnet Advanced Workstation (AWS) to the AX Supervisor. Requires the BACnet IP Client Driver.
588-748	BACnet IP Client Driver with BACnet export functions for the AX Supervisor; Includes license for 500 BACnet Points. **NOTE:** Adding the OWS or AWS feature will invalidate the BTL Listing.
588-723	Upgrade from an Operator Workstation (OWS) to an Advanced Workstation (AWS).

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