

- Java® (SunSM Hot Spot) enabled user interface.
- Supports an unlimited number of users over the Internet or Intranet with a standard Web browser.
- Enterprise level information exchange using a relational database and HTML, XML, and CSV 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 which includes e-mail and paging.
- Internet time synchronization capability for all UNC stations, if desired.
- 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 on-line system documentation.
- Supports multiple UNC-410, UNC-510, UNC-520, and UNC-610 stations connected to a local Ethernet or the Internet.
- Provides online and offline use of the Work-Place Pro® graphical application configuration tool and a comprehensive Java Object Library.
- Ethernet connection supporting TCP, CORBA, and IIOP protocols for maximum integration flexibility of building and enterprise data.
- Optional support for Ethernet-based drivers (BACnet I/P, Modbus TCP, OPC client, and SNMP).
- Optional drivers for support of SQL Server, Oracle®, or MSDE database formats.

TAC Enterprise Server

The TAC Enterprise Server is a flexible network server for all connected UNC-410, UNC-510, UNC-520, and UNC-610 stations. The TAC Enterprise Server is designed to harness the power of the Internet and provide efficient integration of standard open protocols, such as BACnet™ and LonWorks™ with TAC systems. The TAC Enterprise Server creates a powerful HTTP network environment with comprehensive database management, alarm management and messaging services. In addition, the TAC Enterprise Server provides an engineering environment and graphical user interface.

Table-1 Model Chart

Model	Description ^a
IA-ENT-1	First UNC station
IA-ENT-N	Second and additional UNC stations
IA-ENT-20	20 UNC stations
IA-ENT-50	50 UNC stations
IA-ENT-100	100 UNC stations

^a UNC stations include all UNC-410, UNC-510, UNC-520, and UNC-610 Universal Network Controllers on the project.

SPECIFICATIONS

NOTE: These are recommended specifications. While IA-ENT may run on a PC that does not meet these specifications, a PC meeting or exceeding the recommended specifications should be used to ensure efficient operation.

Processor

Intel Pentium™ IV, 3.0 GHz or higher.

Memory

2 GB RAM minimum or higher recommended.

Operating System

Microsoft® Windows NT® 4.0 with Service Pack 4 or higher; Windows® 2000 with Service Pack 1; or Windows® XP with Service Pack 1.

Browser

Microsoft Internet Explorer 5.0 or later, or Netscape® Communicator 4.5 or later.

Hard Drive

10 GB minimum (20 GB or higher recommended).

Display

Video card and monitor capable of displaying

1024 x 768 pixel resolution.

Network Support

Ethernet adapter (10/100 megabit with RJ-45 connector).

Communications

Full-time high speed ISP connection recommended for remote site access (such as T1, xDSL, cable modem)

Options

WP-PRO-1

WorkPlace Pro (one copy is included with the initial IA-ENT license)

IA-ENT-AS-C

Additional alarm clients (alarm server and two clients are included with the initial IA-ENT license)

IA-DRV-OSD

Open system protocol option, supports 25 points each of OPC, Modbus, BACnet, and SNMP drivers

IA-BAC-500

Adds 500 BACnet points to IA-DRV-OSD or IA-BAC

IA-MOD-500

Adds 500 Modbus points for IA-DRV-OSD

IA-OPC-500

Adds 500 OPC points for IA-DRV-OSD or IA-OPC

IA-SNMP-500

Adds 500 SNMP points to IA-DRV-OSD

IA-SQL-DBS

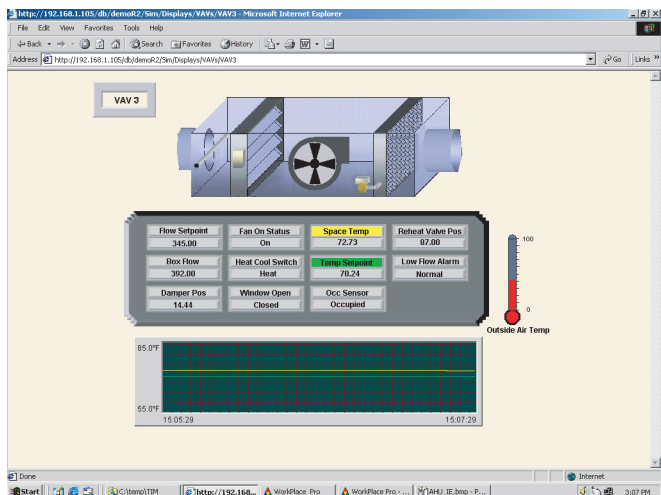
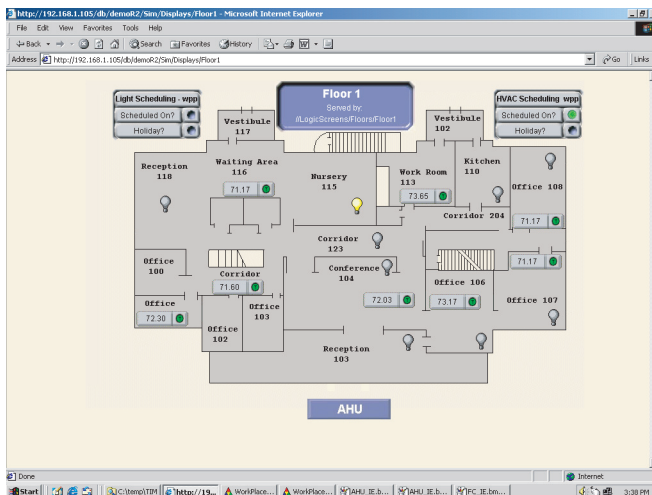
Microsoft SQL database driver

IA-MSDE-DBS

MSDE (Microsoft Data Engine) driver

IA-ORCL-DBS

Oracle database driver



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TAC
1354 Clifford Avenue
PO Box 2940
Loves Park, IL 61132-2940

www.tac.com

F-27000-3

