

All the power of the Niagara Framework on a CD

Now you can choose the hardware platform that best fits YOUR unique application needs

Load the software and go!

New levels of flexibility from the leading provider of open, Internet-enabled, automation infrastructure solutions

Now you can take advantage of the real-time control, dynamic graphics, and multi-protocol integration capabilities of Tridium's unique Control/IT solution on the hardware of your choice. The SoftJACE makes it easy to address unique application needs such as rack mounting, extended temperature ranges, industrial packaging, etc. The SoftJACE provides all of the capabilities of a programmable controller, multi-protocol adapter, network manager, web server (with optional Web User Interface), data logger and alarm system in a single software solution. Also supported, as an option, is database Services via Microsoft Data Engine (MSDE) database for local data archival.

You can run the SoftJACE on most Microsoft XP Professional computers. The SoftJACE communicates with external devices utilizing Ethernet-based protocols, and currently supports the industry's most common standard protocols: OPC, BACnet IP, Modbus TCP, SNMP, and DDE. The BACnet IP driver is included with the SoftJACE license, other drivers are sold separately.

The SoftJACE is available in a variety of capacities priced to meet a wide range of application needs. Capacity is measured based on Java resources used by a Niagara station which is an indicator of the amount of points, devices, logs and graphics that you utilize when building an application. Two SoftJACE configurations are available as described later in this data sheet.

Features

- Meet the needs of special applications – choose from the wide range of hardware platforms that support Windows XP professional.
- Supports the most widely used system protocols over Ethernet: OPC, BACnet IP, Modbus TCP, SNMP, DDE (BACnet included; others sold separately).
- Supports optional Web User Interface – Serves dynamic, animated graphic displays directly to a standard web browser. No need for additional hardware or web servers.
- No need to install and manage “thick client” software applications to give your end users access to the critical real time information that they need. Access your system from anywhere with a standard web browser.
- A fully integrated part of a Niagara distributed-architecture system. Soft JACE nodes communicate with other SoftJACEs or Vykon embedded JACEs on a peer-to-peer basis.
- Use Tridium's Web Supervisor software to aggregate multiple SoftJACEs into a unified system with centralized database storage, data logging and archiving, and alarm reporting.



SoftJACE™ Product Data Sheet

Platform Requirements

- Intel or AMD processor over 400 MHZ with Windows XP Professional
- 256 MB RAM minimum
- 5 GB Hard Drive or larger
- One Ethernet port; 10 / 100 Mbit
- One USB port
- This platform must be dedicated to the SoftJACE application only

How to Order

- **SJ-1M** SoftJACE software package with installation instructions and license key (USB), 1,000,000 Java resource count limit. Package includes a CD, a USB license key and installation instructions.
- **SJ-3M** SoftJACE software package with installation instructions and license key (USB), 3,000,000 Java resource count limit. Package includes a CD, a USB license key and installation instructions.
- **SJ-2M-U** Upgrade for SJ-1M to increase Java resource count to 3,000,000 resources.
- **SJ-UI** Web User Interface Option for the SoftJACE.
- **SJ-DB-MSDE** Database Services via Microsoft SQL Desktop Engine database (MSDE); maximum of 2 GB database size limit.

Note: Resource and performance capabilities are dependent upon the hardware platform. The above models allow these capacities by license and are not a guarantee of performance on your platform.

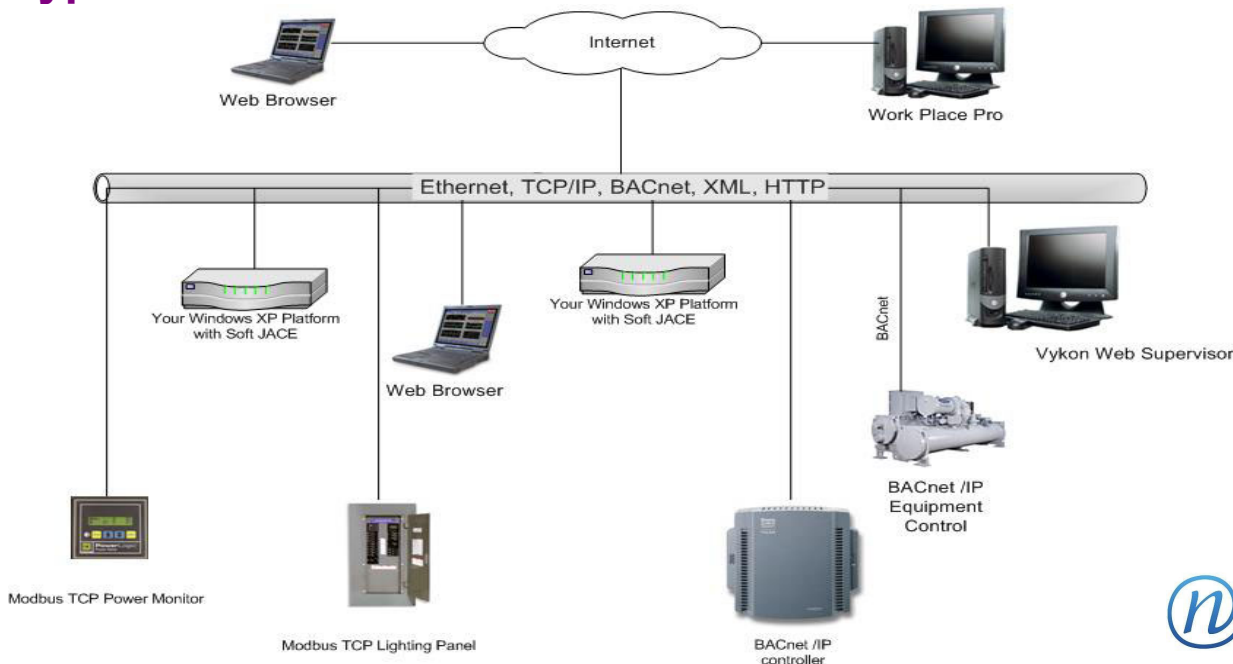
Platform Requirements:

- PC platform with Intel or AMD CPU – 400 MHz or higher
- 256 MB RAM or greater
- Hard Disk 5 GB or larger
- One Ethernet Port; 10/100 Mbit
- CD reader for loading
- One USB port for license key
- Platform must be dedicated to the SoftJACE application only

Compatible drivers:

- DRV-OPC-CL (OPC Client driver)
- DRV-MDB-TCP (Modbus TCP driver)
- DRV-MDB-TCP-SLV (Modbus TCP slave driver)
- DRV-GEN-DDE (Generic DDE driver)
- DRV-SNMP (SNMP driver)

Typical Architecture



Powered by
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FRAMEWORK™

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