a modular approach 4
global design

Tridium has created an all-new hardware platform optimized for Niagara 4: the JACE 8000 controller. This "next-generation" controller is a dramatic evolution in connecting and controlling devices worldwide, featuring a new global design that functions with legacy systems and has the ability to scale for future needs.

EFFICIENT GLOBAL DESIGN

The new, modular design of the JACE 8000 controller makes it easy to install, integrate and deploy. Tool-less installation with expansion capability reduces installation complexity and improves flexibility. Systems integrators can focus on engineering solutions, not assembling components. And their lives will be simplified with a global power supply and improved access to standard enclosures.

WIRELESS CAPABILITY

Standard Wi-Fi offers enhanced wireless capability when interfacing with the next generation of wireless sensors and devices. The JACE 8000 controller also is configurable as an access point so that mobile phones and tablets can display information and advanced graphics. Expansion also is available when interfacing with other wireless fieldbuses seen in connected buildings.

OPTIMIZED FOR NIAGARA 4

The JACE 8000 controller leverages the exciting new features of Niagara 4. It adds to the enhanced user experience, maximizing Niagara 4's key advantages: pure Web interface based on HTML5 with HTML5 views, charting and data visualization, a common design language, better reporting, robust security and improved device management.

The JACE 8000 controller is optimized for Niagara 4, easy to install and scalable for future needs

JACE® 8000 Controller

key features

GLOBAL CAPACITY LICENSING AND UPGRADE CAPABILITY

Determine the number of devices that will be integrated and select the right capacity license from the start. License upgrades can be purchased in the future as your needs grow.

MODULAR HARDWARE DESIGN FOR FAST AND EASY INSTALLATION

Controller and option modules are designed for easy mounting on a 35mm-wide DIN rail.

EXPANDABLE WITH UP TO FOUR OPTION MODULES

Option modules directly attach to the controller for additional communications ports, including types for LonWorks®, RS232 and RS485 networks.

24VAC/DC—STANDARD GLOBAL POWER SUPPLY

INTUITIVE USER INTERFACE

Users can easily check system status by glancing at the front panel LEDs to diagnose network issues.

RICH CHOICE OF DIFFERENT COLORS, MATERIALS AND FINISHES FOR DIFFERENTIATED OEM BRAND IDENTIFICATION

CONNECTIVITY PROFILES

- Native Wi-Fi capability (WAP or Client) A, B, G or N networks
- Two 10/100Mb Ethernet ports
- Two isolated RS485 ports
- Optional LON FTT10 & RS232 expansion

The JACE 8000 controller is available through a wide variety of original equipment manufacturers. Our open distribution business model and open protocol support allow a vendor-neutral application compatible with devices and systems throughout the world.

To learn more about how to purchase, install and start using the JACE 8000 controller, or if you are an original equipment manufacturer and would like to add the JACE 8000 controller to your suite of offerings, please contact us.

TRIDIUM

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