

# a modular approach <sup>4</sup> global design

Introducing 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

To learn more about how to purchase, install and start using the JACE® 8000 controller, contact your VYKON partner. The global community of certified Niagara professionals can serve your unique business needs across any industry or geographic region.