

meet
niagara
at the
edge

Introducing VYKON Edge Controller 10

niagara
edge

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SPECIFICATIONS

- Powered by the Niagara Framework®
- 5 universal inputs
- 3 digital outputs
- 2 analog outputs
- 1 485 serial port
- 2 ethernet ports that support daisy-chain topology
- Expandable via one IO-R-34
- Deterministic runtime engine*
- Powered via 24VAC/DC source

APPLICATIONS

- Fan coil unit
- Single-stage air handling unit
- Water source heat pump
- Zone control
- Boiler with hot water reset
- And much more...

*Deterministic runtime engine will not be available in the 1st release



enabling a single-tool infrastructure from edge to cloud

VYKON by Tridium is excited to introduce VYKON Edge Controller 10 — our first IP-based IO controller that harnesses the full power of the Niagara Framework® at the edge.

By running Niagara at the edge, systems integrators can reduce training costs, learning curves and proprietary tools with an industry-standard framework. In addition, they can take advantage of new and improved workflows that will save on installation time and maintenance costs.

Building owners can take advantage of high-value apps from the Niagara Community and connect directly to apps hosted in the cloud. Built-in analytics create smarter, more efficient buildings, and improve decision-making. Additionally, Niagara's world-class security features protect all levels of the building infrastructure — giving owners greater peace of mind.

A flexible solution for the Niagara Community

Our goal with VYKON Edge Controller 10 is to bring the power of the Niagara Framework to the edge and make it easier to connect and control systems and optimize performance within the IoT. That's why we are evolving our software to include tools to assist in the configuration and management of edge devices. These tools are open and available for everyone running Niagara, regardless of hardware platform.

running niagara at the edge benefits everyone



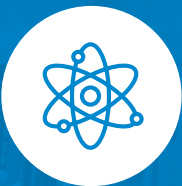
SYSTEMS INTEGRATORS

- Reduce installation time
- Reduce maintenance costs
- Reduce training and learning curve
- Reduce errors



BUILDING OWNERS

- Reduce maintenance costs
- Increase ROI through high-value apps and cloud services
- Increase peace of mind with Niagara's network security features at the edge level



NIAGARA COMMUNITY MEMBERS

- Create and monetize high-value applications
- Take advantage of Niagara on their own hardware platform through portability

niagara edge device management made easy

1. Quickly build your network

Based on the volume of edge devices at a site, adding devices to your Supervisor may be a challenge. Join edge devices to your network more quickly with tools that ease the process of adding and managing a field of edge devices, which reduces overall installation and configuration time.

2. Easily manage and deploy updates

Edge devices typically have a single purpose, with multiple devices serving the same function. Use Niagara to create application templates and deploy to multiple devices with specific properties unique to each device.

3. Keep your network secure

Security is always critical, but implementing it across numerous devices on a network can be tedious. Tridium has built tools that assist systems integrators in provisioning and managing security settings across devices.

Unlock Niagara's powerful features — from wiresheets to analytics to cybersecurity and beyond — at the edge

Take Niagara where it's never been before

To learn how to purchase, install or add VYKON Edge Controller 10 to your product portfolio, contact your VYKON partner.



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2018-0004VK