# Extending Niagara reach and functionality

Welcome to the Edge:
Veea is the creator of an extensive, adaptive, flexible and scalable Edge Computing Ecosystem.

Veea Edge Platform is making systems more secure, dependable and faster – with remote management of your devices and containerized applications running on VeeaHub Smart Computing Hubs that combine connectivity with computational power.

Tridium Niagara can now also run on this innovative platform to bring all these benefits to your new and existing systems. With it, you can experience faster speeds, more expansion options and less downtime – all while being able to manage and monitor your devices remotely.
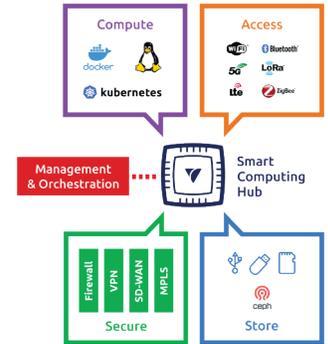
Access your devices & troubleshoot from anywhere – without on-site visits.

Remote access to your deployments and devices
- Easily install and monitor status of devices
- Troubleshoot and fix remotely without on-site visits
- Access to Niagara and non-Niagara devices

Access to your telemetry and data collected at the edge
- Get actionable data for service improvements

Visibility and access to local networks
- Detect and prevent unauthorized access
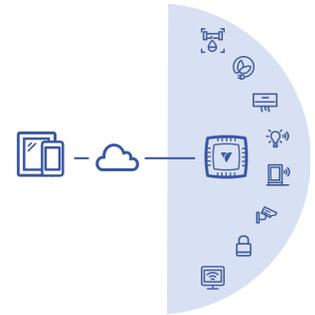
Veea-Enabled Benefits of Smart Spaces

The integration of Veea Edge Platform with Niagara offers a groundbreaking approach to deployment & management. In essence, Veea's Edge Platform doesn't just enhance Niagara – it is paving the way for a new era of opportunities and growth.

The Old Way	The New Way	The Benefits
Hard-wired Niagara implementation to end-points and solutions	Containerized Niagara running at the edge closer to the end-points and solutions	Decreased latency and increased security
On-site IT and site visits for configuration and troubleshooting	Remote management and configuration of deployments	Reduced ongoing maintenance costs & elimination of on-site visits
Wired end-points	Mixed Wired and Wireless, mesh connected end-points	Reduced installation cost for retro-fit sensors
Different policies for different devices & networks	Single pane of glass to manage, view and access deployments and end-point devices	Simplified management and maintenance of deployments
Static and centralized data analytics	Edge-based actionable data collection	Real-time decision making and data processing
Siloed functionality and limited use-case expansion	VeeaHubs enable extended functionality and use-cases	New and incremental revenue opportunities

Intelligently Connected™

Niagara Solution Integration

VeeaHubs running containerized Niagara can integrate with existing solutions as well as new deployments - providing access to all of your IoT devices - whether through a JACE or via ZigBee, LoRa, Bluetooth or Wi-Fi. This integration can then be expanded to the cloud - whether it's a Niagara Cloud or your own private cloud service.
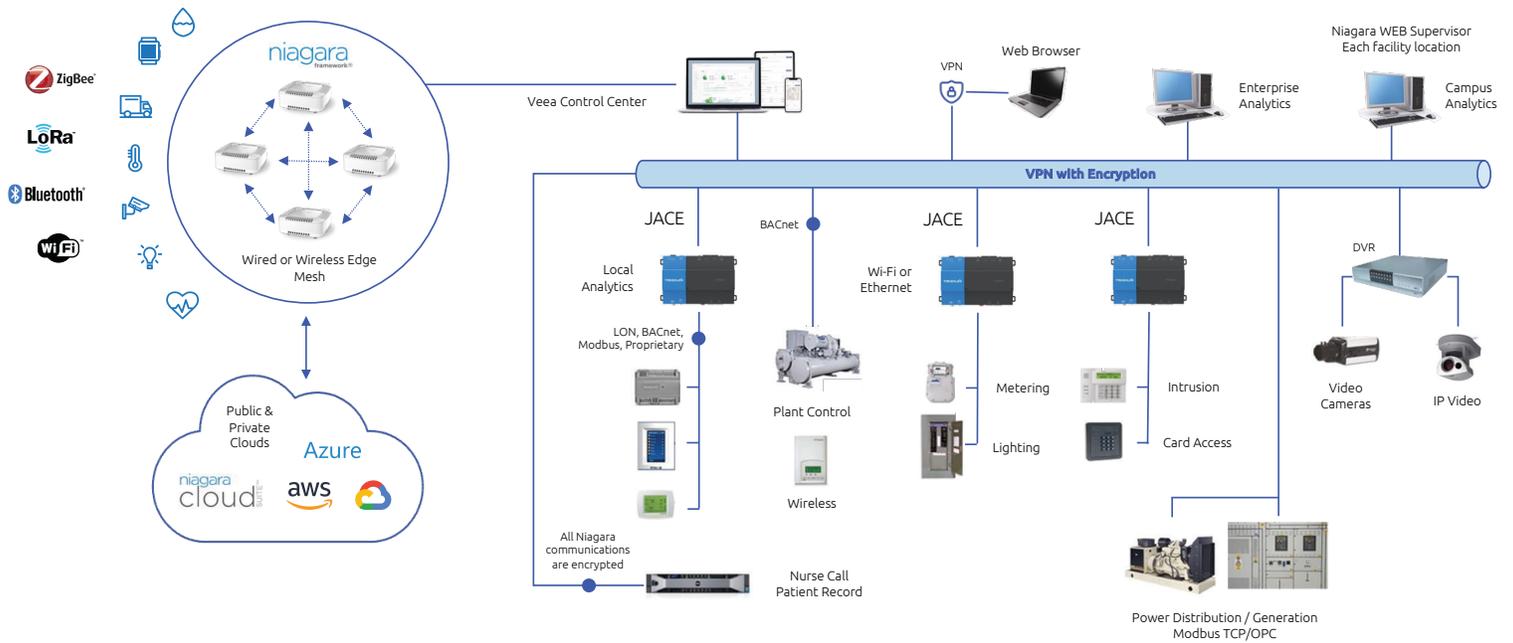
The VeeaHub Family of Smart Computing Hubs

All VeeaHubs share the same secure computing platform as well as Wi-Fi, Bluetooth, Zigbee, Matter, and Thread support with optional support for LoRaWAN and 4G/5G WWAN modules as well as storage expandability.

STAX VHC25 **Pro** VHE09 / VHE10 **Pro Outdoor** VHE09 / VHE10

● Standard ○ Optional

Model	Environment	Wifi		Ethernet		Cellular and IoT				Memory (DRAM)				CPU	Storage	
		Dual band	Tri-band	10 100 1G	2.5G 5G	4G	5G	LoRa	Bluetooth & Zigbee	2GB	3GB	4GB	8GB	GHz	Base	Expansion
STAX			●			○	○				●			1.4		
VHE09	Indoor	●				○		○		●		○				
VHE10			●	●	●	○			●			●	○	1.5	32 GB	Up to 2 TB (microSDXC)
VHH09	Outdoor	●				●		●				●	○			
VHH10			●			○		○				●	○			

→ ## Learn More how your business can benefit from edge computing
Contact us by e-mailing sales@veea.com or visiting veea.com/contact-us to learn how Veea Edge Platform can help your business.

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