

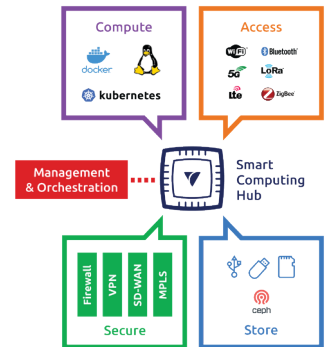
Extending Niagara reach and functionality

Welcome to the Edge:

Veeva is the creator of an extensive, adaptive, flexible and scalable Edge Computing Ecosystem.

Veeva Edge Platform is making systems more secure, dependable and faster – with remote management of your devices and containerized applications running on VeevaHub 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

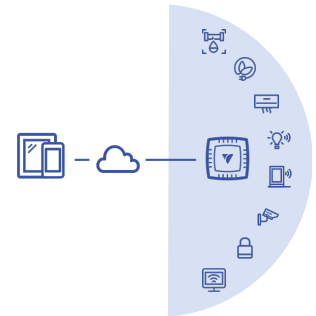
- Easily install and monitor status of devices
- Troubleshoot and fix remotely without on-site visits
- Access to Niagara and non-Niagara devices

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



Veeva-Enabled Benefits of Smart Spaces

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

The Old Way

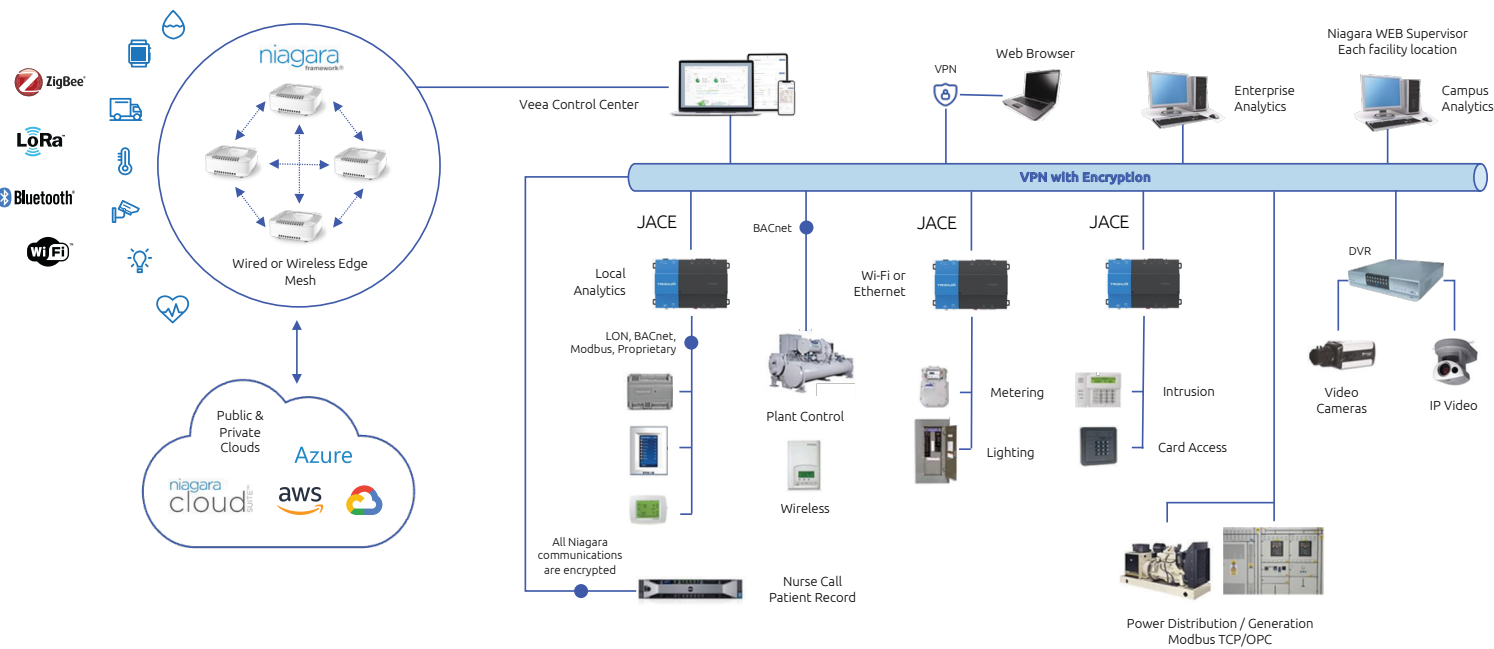
The New Way

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		VeevaHubs enable extended functionality and use-cases		New and incremental revenue opportunities

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.

● Standard ○ Optional



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