



Asset Tracking for Supply Chain Optimization in Latin America

A partnership between Veeva and Global Hitss merges Veeva's Edge Platform and Global Hitss digital transformation solutions, creating an ecosystem for real-time agricultural supply chain optimization throughout Latin America.

Beginning with an initial deployment with Mexico-based corn producer ASPROS, Global Hitss and Veeva are providing an end-to-end solution that helps customers better collect and manage supply chain data for a more connected, efficient, and sustainable IoT future.

Innovation Through Collaboration



Veeva's Edge Platform's connectivity and computing capabilities are wirelessly energized by an Energous PowerBridge transmitter system, enabling network connectivity and fostering actionable data collection for real-time processing at the edge. This synergy offers a novel, reliable wireless power network for asset tracking, pushing boundaries in IoT efficiency.



Tag data is collected through PowerBridge transmitters over BLE and VeevaHubs are used as Internet Access Points (GWs) to transfer the data to Willot Cloud for data processing and event generation.

Advanced Connectivity for Smarter Warehouses & Logistics

This alliance promises to optimize inventory management for digital supply chains in industrial settings, significantly reducing operational and capital expenditures.

Global Hitss' digital transformation solutions complement Veeva's advanced connectivity and computing capabilities to usher in a new age of IoT efficiency throughout Latin America. By automating asset tracking, agriculture producers like ASPROS can expect a drastic reduction in manual labor costs, directly impacting operational expenditure.



Partners

- Veeva Inc.
- Global Hitss
- Energous Wireless Power Solutions

Project Overview

- **Customer:**
ASPROS
- **Solution:**
The Veeva Edge Platform and Energous WPN solution
- **Outcomes:**
 - Asset control & monitoring, including remote monitoring
 - Real-time inventory management
 - Reduced operational expenditure and product dwell time

Understanding how and when individual assets (i.e. pallets of corn) are moving in and out of distribution centers allows agriculture companies to analyze how long assets spend at specific locations to improve process efficiencies, identify bottlenecks, and optimize workflow. This, in turn, allows distributors to monitor the delivery process of products, verify that deliveries are made on time, and have traceable proof for accountability.

By processing data at the edge, close to where it’s being generated, the Veea Edge Platform dramatically reduces latency, enabling real-time decision-making, and immediate responsiveness.



The VeeaHub Family of Smart Computing Hubs

VeeaHub redefines edge computing, offering a versatile and powerful platform that seamlessly integrates IoT connectivity with real-time data processing. It’s an all-encompassing solution designed for both indoor and outdoor applications, equipped with advanced features like multi-application processing, diverse connectivity options including Wi-Fi, Ethernet, and vMesh/vBus support. Each VeeaHub model is uniquely tailored to enhance your edge network capabilities, backed by our intuitive VeeaWare software and cloud-based management tools for effortless deployment and operation.

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.



VeeaHub STAX
The Compact Powerhouse



VHE09 / VHE10
Powerful Connectivity



VHH09 / VHH10
IIoT’s Robust Partner

		Connect								Compute						
		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		
VHE09		●				○		○		●		○				
VHE10			●	●	●	○			●			●	○		32 GB	Up to 2 TB (microSDXC)
VHH09	Outdoor	●				●		●				●	○			
VHH10			●			○		○				●	○			

● Standard ○ Optional

Learn More About Asset Management Solutions from Veea

Find out how your organization can benefit by contacting us at sales@veea.com or by visiting veea.com/resources