

Precision Agriculture

Smart Farming made easy with Veeahub family of Smart Computing Hubs and the Vee Edge Platform.

Smart Farming starts with data collection, using soil, water, and weather sensors, cameras, and drones to capture and measure in real time current farm conditions. Cloud-based visual analytics and machine learning are being used to predict and better manage farm resources, and to control automated farm vehicles and equipment. Tying these technologies together into an effective solution requires a complex, secure, reliable multi-protocol communications infrastructure.

Veeah's Edge Computing Platform and IoT Toolkit optimize land use, reduce labor costs, and increase water use efficiency. Veeah's products and services are key infrastructure elements for a number of solution partners. Their solutions leverage the Veeahub Pro Outdoor model's wide range of connectivity and expansion options, as well as its LoRaWAN and SD-WAN capabilities, to convey IoT sensor data that farmers can use to understand and manage their critical resources in real time.

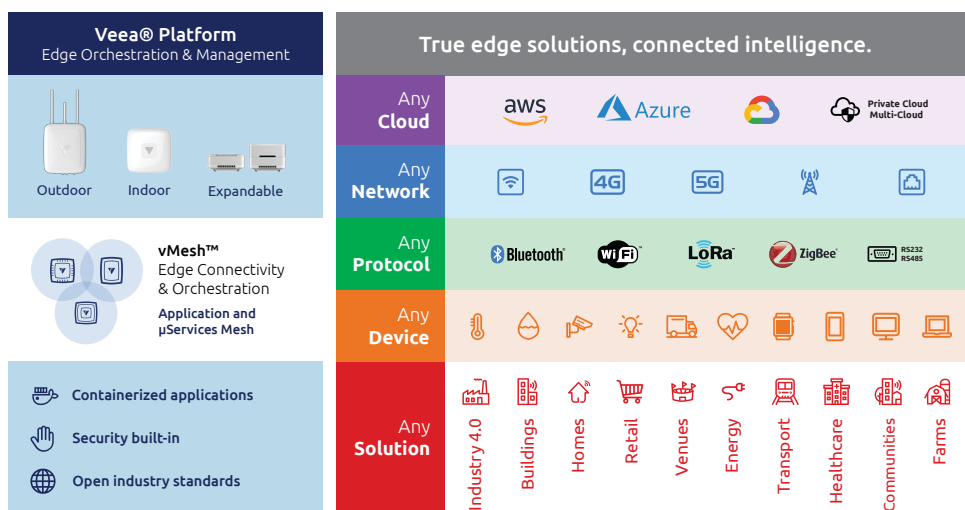
The Veeahub Pro Outdoor family provides a combination of strength and durability in its industrial design, complemented by a plentiful array of connectivity options, to render a user-friendly computing hub that is straightforward to install and maintain, allowing Smart Farming to be reality.

The integration of sensors and farming equipment is simplified through the IoT Toolkit and combined with robust management and monitoring capacities.

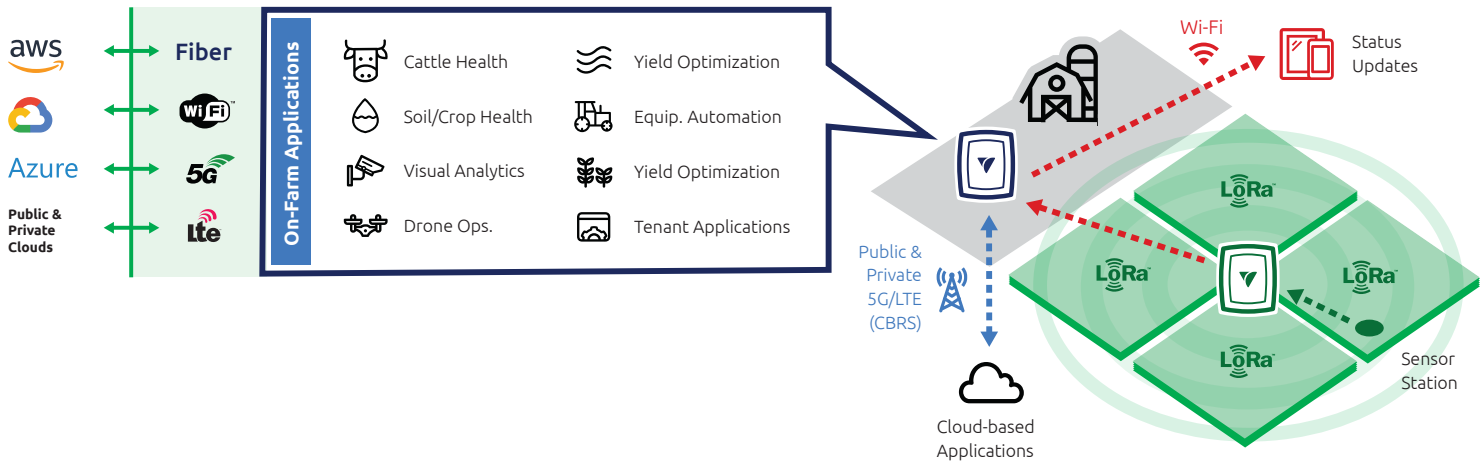


Highlights

- Effortlessly collect, analyze and act upon data collected from a broad range of sensors
- The Veeah Edge Platform and its IoT Toolkit allow you to connect to a wide range of IoT sensors with connectivity provided by:
 - Wi-Fi
 - Bluetooth
 - Zigbee & Thread
 - LoRaWAN
- WAN connectivity is provided by optional SD-WAN features
- Local and remote management and monitoring utilities provided by VeeahCloud



Veeva's products and services are key infrastructure elements for Opti-Harvest deployments. These deployments leverage the Veeahub VHH-09 model's wide range of connectivity and expansion options, as well as its LoRaWAN and 4G LTE capabilities, to convey IOT sensor data that farmers can use to understand and adjust Opti-Harvest products in real time.



As a member of the Rural Cloud Initiative, Veeva is an integral partner in Grand Farm's FarmGrid Precision Agriculture Solution, a collaborative project on Grand Farm's Innovation Site south of Fargo, North Dakota. Veeva is working with other Rural Cloud Initiative members to deliver an all-in-one solution for farmers to purchase precision agriculture equipment that integrates seamlessly on Trilogy Network's FarmGrid platform.

The collaboration allows for the addition of partners with technology such as sensors, autonomous systems, machines, ag-centric subscription-as-a-service applications and other farm technologies. The products integrated into the FarmGrid framework would ultimately enable the purchase of out-of-the-box solutions that integrate seamlessly on farms similar to residential digital systems on the market today.



Learn More About the Smart Agriculture with Veeva Edge Platform

Get more information and find out how Veeva can help by contacting us at sales@veea.com or by visiting veea.com/resources