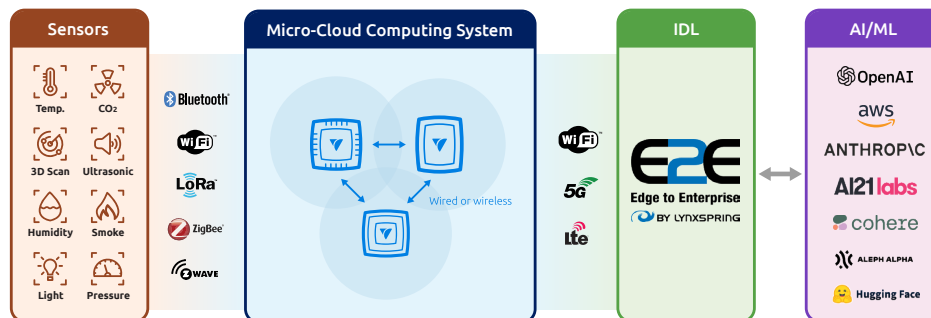# MetaLynx™ with Lynxspring E2E

Joint vision and partnership to set new benchmarks in building automation, enterprise integration and data visualization.

Lynxspring and Veea have developed a powerful ecosystem pairing that combines MetaLynx, Veea's IoT Edge platform with Lynxspring's Independent Data Layer (IDL) powered by Edge-to-Enterprise, enabling scalable, secure, AI-enabled smart environments with realtime utility across buildings, campuses, cities and farms. The combination of this joint offering accelerates operational efficiency, decarbonization, and robust smart city/agritech adoption, while reducing dependence on centralized cloud by enabling advanced edge-to-cloud containerization.

A fully integrated & distributed intelligent platform

MetaLynx™ by Veea is a fully distributed, intelligent edge-to-cloud platform designed for AI-rich applications and real-time connected and VeeaCloud-managed solutions. It delivers secure, scalable infrastructure that brings AI and data processing to the network edge, enabling industries to operate autonomously, make real-time decisions, and protect data privacy without relying on - or as a complement to - centralized cloud resources

Edge Software

- Edge OS that runs applications (i.e. Containerized Portable Niagara) securely across a highly scalable edge network

- Simulataneously run multiple apps in Secure Docker containers

- Control, manage and orchestrate your entire network and applications from a single, secure user interface

Edge Hardware

- Integrates multiple technologies into one box - indoor or outdoor

- Easy to deploy, manage & scale

- Can be implemented as overlay to existing deployments or in greenfield opportunities

- Used by solutions integrators, large enterprises, SMB & Residential
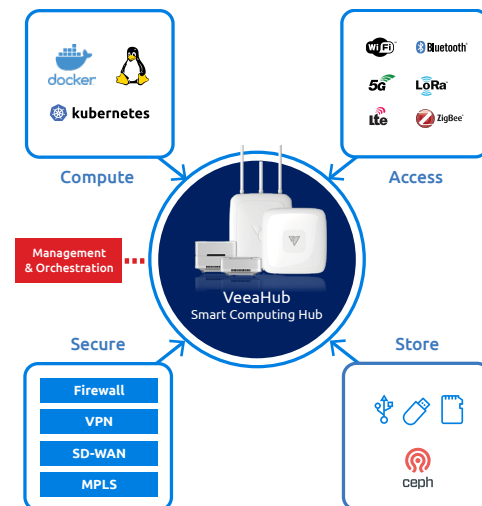
- Multiple connectivity capabilities

Highlights

- Veea's MetaLynx IoT Edge platform integrates seamlessly with Lynxspring's Edge-to-Enterprise OT data management and IDL platform.Delivers secure, scalable AI-rich processing at the edge without relying solely on centralized cloud.

- Extends data integration to LoRaWAN, Zigbee, Wi-Fi, Bluetooth, Modbus RTU, BACnet MSTP and Niagara Framework.

- Enables smart environments across buildings, campuses, cities, and farms for greater efficiency and decarbonization.

- Supports a wide range of LoRaWAN sensors for environmental monitoring, energy management, and agriculture.

- Starter kit includes VHE-09LR, Veea Cloud Services, connectivity management, and Lynxspring E2E platform access.

Intelligently Connected™

Lynxspring's E2E Platform

Emerging as a leader in OT data management and the evolution of independent data layers (IDL), Lynxspring's E2E is driving a new era of openness, interoperability, and control in the built environment.

At its core, E2E is designed to solve one of the industry's most persistent challenges: turning fragmented, device-level operational data into structured, meaningful, and usable information across systems, platforms, and stakeholders.

MetaLynx from Veea extends Niagara and the data collected by E2E across IT and OT use cases, including: LoRa-WAN to MQTT, Zigbee, Wi-Fi, Bluetooth and Modbus RTU and BACNet MSTP.

LoRaWAN Use Cases

Environment Monitoring

Monitor & manage environmental settings in MDU, Campus or Commercial Real Estate

Example Sensors: Dragino (LHT65, LSN50V2-S31) or Milesight (EM500-CO2, EM500-PT100)

Energy Management

Monitor & manage energy and Sump Pumps

Example Sensors: Vutility Hot Drop, Sensative Drip 700, Moko LW005-MP

Smart Agriculture

Grain Bin inspection / energy controls, Soil moisture / acidity / fertilization

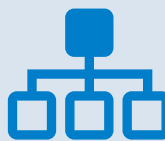Example Sensors: Dragino (SE02-LB, SEOX-LB) SolChip Weather Station

Veea and Lynxspring Starter Kit

VeeaHub Pro with LoRa (VHE09-LR)

Veea Cloud Services

Veea Connectivity Management Software

Lynxspring E2E Platform Access

Learn More about MetaLynx

Find out how your organization can benefit from MetaLynx by contacting us at sales@veea.com or by visiting **veea.com**

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