Powerful Development Tools

Develop highly integrated, secure, cost-effective IoT applications

IoT technology offers dramatic opportunities for service creation, automation, and cost savings. But creating IoT solutions presents significant challenges to developers. There is an ever-increasing number of available devices that your application may use, each with its own unique interfaces and protocols. All of these different interface types often require separate bridge hardware, making your simple application more difficult to deploy, scale, and support. And what works in an indoor environment may not work outdoors. As a developer, you are faced with tremendous complexity.

These issues present barriers to your ability to quickly and easily create and deploy IoT system solutions. The Veea Edge Platform™ and Veea's IoT Toolkit help you overcome these challenges.

Leverage the Veea Edge Platform

Veea's IoT Toolkit allow you to build full-featured, multi-interface, reliable and scalable software applications for your IoT systems by leveraging the power and simplicity of the Veea Edge Platform. You can easily leverage all of the integrated IoT device interfaces that a VeeaHub® provides in a single network element:

- Wi-Fi and Wi-Fi Mesh
- Bluetooth
- Zigbee
- LoRaWAN

The IoT Toolkit provides built-in protocol stacks to quickly let you build applications for the Veea Edge Platform that discover, connect, manage, and control a large number of IoT devices, with support for more devices being continuously added.

IoT Toolkit

KEY FEATURES AND BENEFITS

Accelerate your development
Built-in device communication stacks handle the low-level discovery, messaging and control for a wide array of devices.

Quickly deploy your solution
The Veea Edge Platform allows you to deploy your application from a central, cloud-based management portal.

Easily scale to demand
Veea's vMesh™ and vBus™ technologies allow you to easily add devices or processing resources to your deployed applications and systems, simply by adding VeeaHubs to your network. These additions can be made wirelessly.

Put your application where it is needed
The Veea Edge Platform offers Smart Computing Hubs for SOHO, Enterprise, Manufacturing, and outdoor environments. Integrated radios for PAN, LAN, and WAN connectivity allow for an unlimited number of uses in a broad range of environments.
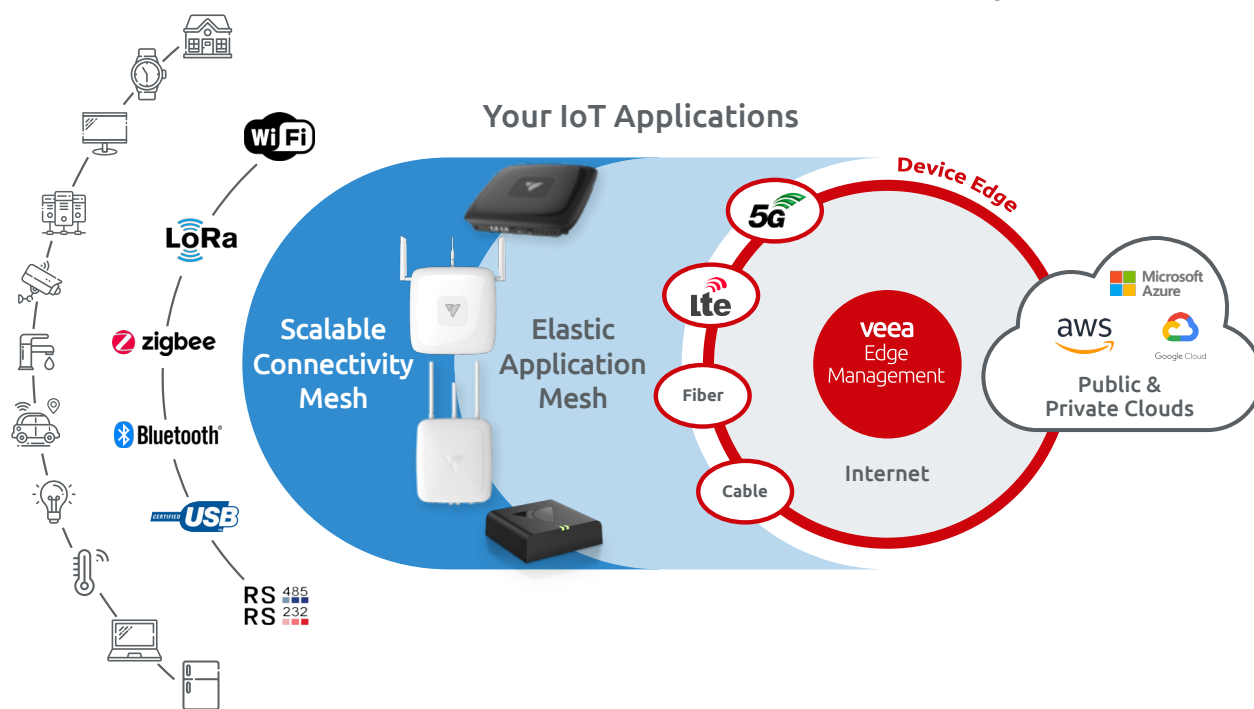
Leverage Veea's continuous evolution
Veea is committed to adding additional cloud platforms and IoT devices to our software stack, so that you can easily adopt a variety of IoT Platforms.

Each VeeaHub Smart Computing Hub™ (SCH) provides a secure Linux-based edge processing platform which uses container technology to support co-residence and simultaneous operation of multiple applications on the same VeeaHub. And to scale your application, VeeaHubs can be meshed together to increase the available processing and connectivity for your application. Veea's proprietary vMesh and vBus technologies allow any processing element on the mesh to communicate with any IoT device attached to the mesh.

VeeaHubs also offer both wired ethernet and Wireless WAN 4G/LTE connectivity options. A single VeeaHub or Veea Edge Mesh can be designed for completely autonomous operation, or can connect to public or private clouds, giving you the flexibility to create hybrid edge/cloud processing solutions.

Veea also offers tools which simplify your ability to connect your applications running on the Veea Edge Platform to public cloud IoT processing platforms, such as Microsoft Azure[1].

Learn More! **Visit developer.veea.com**

1. VeeaHubs are Microsoft Azure Certified for IoT

About Veea
The Veea Edge Platform provides everything organizations need to quickly and easily tap into the power and benefits of Edge Computing. VeeaHub Smart Computing Hubs connect to form an elastic, scalable, easily deployed, and managed connectivity and computation mesh. Veea Edge Services use this mesh to address common edge application needs. And Veea Developer Tools accelerate the deployment of our partners' and customers' edge and IoT solutions. Veea is blazing the path to new levels of integration, performance, and value at the network edge, resulting in operational simplicity, lower cost, and greater user satisfaction. For more information, visit https://www.veea.com and follow Veea on LinkedIn and Twitter.

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DEB-VTK-01-0921

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