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Introducing vMesh.

The revolutionary networking technology from Veea.

Edge computing simplified with vMesh computing.

Upon installation, VeeaHubs create a high-performance, self-healing and self-organizing connected network automatically. VeeaHub overcomes the inadequacies of stand-alone wired, wireless and computing solutions with a unique hybrid connectivity technology that creates a unified wireless/wired and computing mesh called vMesh. With vMesh networking, communications take place from node to node, either as a wired or a wireless connection, and all the mesh nodes can cooperate in the distribution of data in the network. The lack of dependency on one node allows for every node to be optimally considered in the relay of information. Each node has the ability to self-configure, which enables dynamic distribution of workloads, particularly in the event that any node fails. This in turn contributes to fault-tolerance and reduced maintenance costs.

Upon activation of VeeaHub units that are installed at your home, office, shop, campus, factory or throughout the city, VeeaHub nodes instantaneously form a cluster of vMesh nodes that, with the application of our unique networking technologies, provide for a seamless communications fabric for all wireless and wired protocols that are supported on VeeaHubs. This unique capability permits your user and IoT devices to connect to your entire network with a single authentication, much in the same way your computing devices connect to resources on the web. vMesh also securely provides the required APIs (i.e., "hooks") for those applications that take advantage of vMesh networking capabilities.

vMesh computing is highly efficient and reliable.