

vTBA: A new category of Digital Bridges

In an era where devices and demands outnumber physical spaces, vTBA allows you to reimagine connectivity by intuitively linking people and devices

Veea Trusted Broadband Access (vTBA) is designed for reducing friction in the adoption of consumer connectivity services. By utilizing a single piece of cloud-controlled equipment, vTBA efficiently serves large communities, minimizing operating costs and eliminating the need for individual customer premise equipment in each household. With vTBA, as an open, programmable platform, making decisions at the edge with local compute or globally with the cloud-controller, unlocks new capabilities in connectivity services.



Universal connectivity method (Wi-Fi)



Reducing operations and ownership cost



Edge-enforced usage policies



Private and secure network per subscriber



Optional WAN via 4G/5G networks



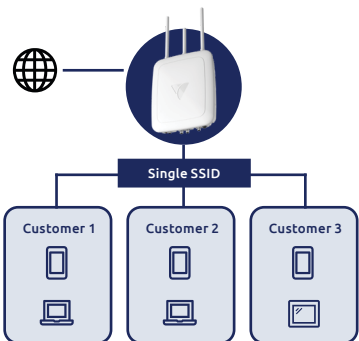
Remote maintenance and monitoring

Solving the adoption problem

With vTBA, a shared and powerful Wi-Fi network becomes the bridge, connecting generations of products and ensuring no consumer device is left behind. It offers unparalleled real-time management of device connections and dynamically generates a distinct private network experience shared alongside other devices.

- **Cost Efficiency:** Utilizes shared equipment, reducing individual expenses.
- **Ubiquitous Wi-Fi:** Connects using familiar tech, lowering barriers to entry.
- **Swift Deployment:** 4G/5G-based WAN for quick installations in remote areas.
- **Device Inclusivity:** From older tech to the latest, all supported.

vTBA deployment via Cellular technology offers a great solution for remote areas, providing reliable connectivity without the need for extensive groundwork. Similarly, in densely populated urban settings where individual connectivity can be cost-prohibitive, vTBA's communal approach democratizes access, allowing more individuals to tap into the digital realm.



A unique connectivity solution

Unlike public Wi-Fi networks, vTBA networks are based on trust domains – allowing customers to not only connect to the Internet but also to their own devices – isolated and secured from other customers. This is in contrast with public networks where all devices are isolated.



Highlights

- Connects individuals & devices, reducing traditional costs.
- Utilizes universal Wi-Fi, ensuring broad device compatibility.
- WAN via 4G/5G for efficient and cable-free installations.
- Core-managed mobile network with real-time device management.
- Standardized interfaces & open API for diverse integration.



Policy Enforcement & Security

By virtualizing Wi-Fi network capabilities, vTBA allows for a flexible distribution across access points, subscribers, and devices. This improves cost to connect economics, while also introducing new revenue opportunities for providers, with adjacent connectivity services.

By utilizing network slicing and on-premise policy enforcement, you can:

- Set bandwidth or connection duration per device and/or subscriber
- Impose fair-use bandwidth policies across all devices
- Easily integrate with existing billing systems

New revenue streams and drastically simplified access network expansion



ISPs and MNOs can unlock the potential of dense (e.g. MDU), underserved, and unserved communities without the need to install, maintain, and support customer premise equipment in each household.



Hospitality service providers and temporary housing owners (e.g., vacation rentals, campgrounds, and trailer parks) can more cost-effectively provide managed Wi-Fi broadband access.



Property managers can offer managed Wi-Fi, residential security, and Smart Home amenities in multi-family dwellings, apartment complexes, and residential campuses.



Commercial real estate managers can provide their tenants with automated managed services to fast-track their ESG initiatives without significant capital and operational investments.

vTBA offers an unparalleled level of convenience and scalability for service providers of all types, allowing them to increase their reach and realize the greater potential for growth with software-defined product capabilities.



vTBA runs on the Veeahub family of Smart Computing Hubs, ranging from indoor to outdoor with a wide range of connectivity options, all providing enterprise-grade computing capabilities.

To learn more, check out the Veeahub Product Brief available at veea.com/resources



Learn More About vTBA

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