

Mobile Access system

FCCID: OJFVELTE700MB

The MobileAccessVE Multi-Band LTE 700 MHz MIMO solution provides enhanced, cost effective, in-building LTE MIMO Upper C or Lower A, B, C Block coverage for all enterprise environments. This solution is quickly and easily deployed using the existing cable infrastructure to provide instant coverage without affecting existing LAN services or performance.

MobileAccessVE Mixed-Band LTE 700 MHz solution interfaces with the Service Provider's RF capacity sources, combines the MIMO wireless services with the Ethernet services and routes the combined services over the existing Ethernet infrastructure to strategically distributed Access Pods. The Access Pods are connected to standard RJ45 Ethernet jacks. They provide signal coverage and Ethernet connectivity for IP devices.

MobileAccessVE Mixed-Band LTE 700MHz solution is simply implemented via two types of units:

- VE Control Unit (VCU) – Interfaces with the Service Provider's RF capacity sources and VE Access Pods (VAPs). It combines the two wireless LTE MIMO channels with the Ethernet services and distributes them to the VAPs over CAT-5e/6 cables. Coverage can be expanded with Slave VCUs. The Master Unit can be configured to either support the Lower A,B,C and/or Upper C spectrum from the RF source.**
- VE Access Pods (VAPs) – Two types of MIMO LTE VAPs, supporting Upper C or Lower A,B,C blocks (Model Dependent). Distributes LTE MIMO service and provides Ethernet/IP connectivity and PoE pass-through to connected IP appliances, such as Wi-Fi APs and IP phones.**