

Mavenir's Enterprise LTE Solution empowers mobile network operators with a revenue-generating solution for businesses looking to replace outdated and expensive hardware-based wireless networks.

Enterprise LTE

Mavenir is the first in the industry to scale [vRAN](#) virtual machine technology for the enterprise marketplace, providing mobile operators the opportunity to offer enterprise customers a secure wireless LTE network, all running from a commercial off the shelf (COTS) on-premises compute device. For the enterprise, it's a turnkey solution: zero-touch provisioning, no inventory and no time to revenue. The mobile network operator generates recurring revenue from managing the solution and renting spectrum to the enterprise. The network is very simple to deploy and maintain and is designed for fast updates and upgrades. The enterprise can generate revenue from roaming fees negotiated with the operator, as well as wireless services offerings for building tenants. It's a win-win for both the operator and the enterprise.

Mavenir Enterprise LTE Advantages:

- New revenue models for operators and enterprises
- Requires no inventory, allows faster time-to-market, and eliminates truck rolls
- Single commercial off-the-shelf (cots) box simplifies fulfillment
- Zero-touch provisioning
- Increases subscriber oversight with self-provisioning for service configuration and new services
- Scales to thousands of sites globally

Mavenir Enterprise LTE is a single-box network solution that is easily deployed, maintained, and upgraded. The compute device contains a complete LTE Radio Access Network (RAN) and an Evolved Packet Core (EPC) and is connected to a TDD or FDD low-cost Remote Radio Unit (RRU) as required. Self-Organizing Network (SON) features can be integrated with the outside macro network if required.

Deployment is a fast and simple process for both the operator and the enterprise. The box is drop shipped from the operator to the customer, fully configured, with the software and required Virtual Network Functions (VNFs). No truck rolls are required, the operator holds no inventory, and additional subscribers can be self-provisioned by the enterprise. Radios can be deployed by the operator or the enterprise IT team. The solution supports Mavenir and approved third-party radios. Radios can be placed in a similar coverage pattern to traditional Wi-Fi access points. As for spectrum, the enterprise can lease wireless frequencies from the operator, or register for Citizens Broadband Radio Service (CBRS) licenses from the government.