

Voice over LTE provides drastic cost savings and enables new services

Voice Evolution

Voice over LTE provides drastic cost savings and enables new IP services such as video calling, multi device, single number and multimedia sharing services across mobile broadband devices. Mobile operators are also increasingly relying on Wi-Fi as a means to offload congested cellular networks.

Mavenir's IMS core network infrastructure delivers next generation voice, both Wi-Fi Calling and VoLTE with Advanced Messaging in a common software solution, Mavenir's NFV [CloudRange™](#) MANO platform. The Cloud Native and Web-Scale architecture will drastically drive down the network economics for mobile operators with scalability, efficiency and automation

Whether a subscriber is connected to the cellular network directly, or connected to Wi-Fi, the same call features are delivered to the user.

With this solution, users have the capability to add and drop media during a session, start a chat, add voice (for instance Mobile VoIP), add another caller, add video, share media and transfer files, and drop any of these without losing or having to end the session.

These voice services can be delivered in an NFV deployment model and integrated with the existing LTE and Wi-Fi access as well as the existing OSS/BSS systems. VoLTE/VoWiFi are advanced OpenStack deployments with elastic/dynamic scaling and automation on iVNF architecture, which enables operators to realize greater efficiencies, more agility, and improved service revenue as they migrate to NFV solutions

For time to market, the solution can be delivered as a [Pre-Integrated Service](#), ideal for smaller operators or operators with existing networks desiring a separate offering,

The Mavenir VoLTE/VoWi-Fi solution offers a clear evolutionary path that allows operators to take full advantage of LTE network according to industry standards, while improving the user experience and enabling operators to generate incremental revenue.