

WiLTE

The technology is a dual-core radio chip for use in 4G wireless devices, such as cell phones and femtocell products. Femtocells are micro cellular base stations that can be used in the home to allow multiple cellular signals to share one connection. The chip creates the ability to switch back and forth between LTE cellular and WiFi network signals, thereby allowing the consumer to offload cellular traffic to the lower-cost WiFi network.

This can reduce cellular costs for both consumers and providers, and can reduce the amount of cellular bandwidth needed as consumers continue to use more data and video-rich applications on their smart phones. It also provides the ability for carriers to migrate to 4G networks in a more controlled and cost-effective way.

The company plans to develop each radio chip (LTE and WiFi) independently, and then combine them onto a single chip to produce the WiLTE product.