

# Excel.Net Deploys APEX9 LL-1000 Licensed Radios

**Burr Ridge, Illinois** - Excel.Net has deployed APEX9 LL-1000 radios for backhaul on their network. Excel.Net offers residential and business class high speed broadband connections over a fixed wireless network in Wisconsin. The recent increases in demand for bandwidth due to access to services like Netflix, live gaming and other streaming video applications have forced Excel.Net to upgrade their network by deploying new high throughput wireless backhauled. Larry Weidig, owner of Excel.Net, wanted to simultaneously increase bandwidth and reliability to keep his customers satisfied.

Unlicensed spectrum has become congested causing unpredictable connections and throughput levels. Therefore, Larry decided to upgrade one of his backhauled to the licensed 11GHz band. He chose to complete the path with an APEX9 LL-1000 due to its premier price/performance ratio.

Larry said “The radios are performing as advertised and with our 11 GHz link we are hitting more than 200Mbps full duplex! This is about a 15 mile shot with 3’ dishes. We are completely satisfied with the performance of the LL-1000 radios.”

“There are clearly a lot of options for high performing licensed backhauled in the market today but most are not affordable on a price/performance basis for service providers or small enterprises that may have a need for them,” said VP Product Development Jeff Ehman. “There is a sizeable demand for a high quality, high performance yet economical licensed backhaul that will create an easy path to move backhauled from congested unlicensed 5GHz or 2.4GHz to available fully licensed spectrums.”

The LL-1000 series of radios has split architecture, and is available in 6 GHz to 23 GHz versions designed to provide high capacity transmission, flexibility, and convenience for wireless communication networks. APEX9’s digital point-to-point radios are part of a high performance microwave radio product line that is designed to address universal applications for Ethernet platforms. This advanced technology platform is designed to provide a flexible, cost-effective platform for customers now and into the future.

The LL-1000 series of radios are designed to support a wide range of network interfaces and configurations, with capacities up to 800 Mbps (1.6 Gbps aggregate) on a single antenna. The radios are spectrum and data rate scalable, allowing for efficient deployment of the radios with appropriate system gain, spectral efficiency and channel availability for optimal network connectivity. The LL-1000 series of digital radios enable network operators (mobile and private), and access service providers to offer a secure and scalable wireless platform for data, video, and voice services.



### **About CTI**

Convergence Technologies Incorporated (CTI) is a provider of the MitoTec business technology platform, IP Pay credit card processing, digital voice, broadband & network services and Hardware infrastructure & resources.

For more information go to [estore.cticonnect.com](http://estore.cticonnect.com) or call your CTI Account Manager at (773) 667-4585.

### **About Excel.Net**

Excel.Net has been in business for almost 10 years. From the start of the web to today Excel.Net continues to provide the services customers want and need. Excel.Net provides the highest quality, reliable connection to the internet and backs up the connection with a level of technical support second to none.

### **About APEX9**

APEX9 manufactures only the highest quality products for the wireless industry. APEX9 currently produces: Cable, Connectors, Antennas and Radios. Additionally APEX9 only partners with industry leading specialized distributors who make our products available around the world.