



**BEC Technologies Exceeds  
Client Expectations  
And Fixes ALL Network Issues**

**PRODUCT:**

4G LTE

**TECHNOLOGY:**

Broadband Router and  
Remote Management

**MARKET:**

Telecom

[Executive Summary](#)

West Central Wireless is one of the largest rural fixed wireless providers based in San Angelo, Texas, with satellite offices in Brady, Texas. Their cellular services consist of 850 MHz HSPA and GSM networks, along with legacy D-AMPS (TDMA) and CDMA networks. West Central Wireless needed to upgrade their network solutions of to a reliable service that could handle its large customer base. One of the key aspects of this process was finding a reliable service with more bandwidth for broadband services to cover more distance. Thus far, West Central Wireless is using BEC's 4G LTE and Remote management products successfully throughout the rural areas of Central and West Texas.

## The Customer

West Central Wireless is a local mobile phone provider serving Central and West Texas based in San Angelo, Texas, with satellite offices in Brady, Texas. West Central was founded 25 years ago to provide the best cellphone service in west central Texas. Their mission is to provide customers with the best products, services, and solutions helping to make their lives safer and worry free.

## Challenges

West Central Wireless noticed instability in their network service resulting in losing money due to truck rolls and low performance. In addition to this unreliability in the service, there was lack of support available when problems arose from the equipment. The equipment used was not able to support the deployment distance leaving customers without consistent service.

## .How Product Helped

West Central Wireless was in need of products that could support over 6,500 fixed wireless customers and an upwards of 500 customers a month. With the help of BEC equipment, West Central Wireless not only did this but is able to support their furthest deployed customer from a tower 19.8 miles away. BEC's products provide West Central Wireless with a more reliable service and increased performance with more accessible data rates at all distances from the tower. In addition to the router, West Central Wireless deployed remote management systems which enables them access into the routers remotely for troubleshooting purposes when needed, greatly reducing their time spent on each support call and reduces truck rolls.

## Results

West Central Wireless deployed the 6200 WXL4/R5, 6800ULR4/R5, MX- 1000 and LCMS remote management system. Since the deployment of BEC products, West Central Wireless has noticed increased stability, extended range and increased performance. Remote management impacted their bottom line by enabling efficient support and increasing device uptime. BEC offers US based support out of Dallas, TX and have been on-site many times through the service launch to ensure successful deployment.

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## Conclusion

The 6200 WZL is a 4g LTE Broadband router that provides Broadband access without boundaries for many consumers, businesses and service providers. There are still many regions not yet covered by the "minimum broadband standard" defined by the FCC and in these rural areas, like in Central and West, Texas, fixed wireless broadband is the ideal broadband deployment technology. With the deployment of this 700MHZ Band LTE network; West Central Wireless achieved accessible data rates, signal strength and reliable coverage in rural Texas.

The 6800RUL is a 4G FF-LTE outdoor broadband router designed for the latest generation LTE fixed wireless networks providing connectivity for homes and business on the fringe of cellular networks. The 6800RUL supports robust MIMO antenna options, embedded directional panel or Omni-directional detachable antennas for superior range and coverage. In addition, Power over Ethernet for ease of

Installation with a P67 rated enclosure to withstand the harsh outdoor environments.

The BEC MX-1000 Advanced Industrial 4G/LTE Wireless Router is a high performance all-in-one fixed wireless communications platform with advanced software enabling high availability, reliable and secure connectivity for mission critical applications. The MX-1000 is specifically designed to support a wide range of applications and vertical machine-to-machine (M2M) market segments.

BEC's LCMS Remote Management System allows access to all network devices from a single interface giving the customer the ability to control multiple networks at their fingertips. With BEC's LCMS remote management system, West Central Wireless is able to access every model remotely, saving enormously on truck rolls.

BEC's products outperform other products and improve quality of services for their customers. Through the deployment of BEC equipment, West Central Wireless was able to solve all network issues saving time and money.

### Free Specialist Advice Available

For more information and advice you can call 972- 422-0877 or email our sales team at [sales@bectechnologies.net](mailto:sales@bectechnologies.net)



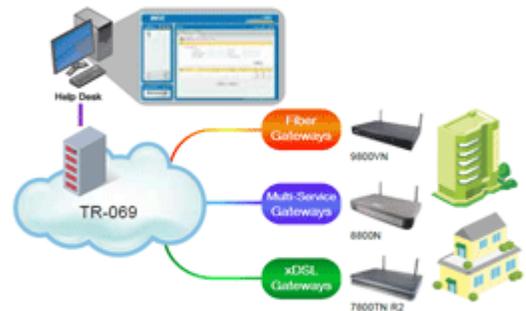
**6200WZLR4**



**6800RULR4**



**MX- 1000**



**LCMS Remote Management**

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