



## Case Study: Buggs Island

### Executive Profile



The Buggs Island Telephone Cooperative (B.I.T.) is in the process of expanding its Cellular, Broadband and Wi-Fi offerings in south central Virginia. One of the fundamental aspects of this process was finding a reliable service with more bandwidth for broadband services to cover more counties. Thus far, B.I.T. is using BEC's LTE products exclusively and successfully throughout five counties in the rural areas of south central Virginia.

### Challenges

With the goal the goal of making high-speed broadband available to areas that have never had high-speed internet access and areas that have only had access to unreliable and terribly expensive service, BIT was faced with a challenge. Before partnering with BEC Technologies, BIT provided a limited local, long distance, and DSL broadband services to their subscribers in its traditional footprint in just a few counties in the south central region of Virginia.

B.I.T. wants to offer fixed higher speed wireless with more Bandwidth for broadband services that will cover more counties in the south central part of Virginia.

### Our Solutions

Over the past six months, Buggs Island Telephone Cooperative (BIT) has been rolling out its new 4G LTE fixed wireless broadband throughout Virginia using BEC's LTE products exclusively. Using the 6200WZL, 6300VNL, 6800RUL and VG2600 - BiPAC 4G LTE Series, B.I.T. has delivered a myriad of solutions for BEC devices. Using BEC Devices has enabled B.I.T. to

expand their Cellular, Broadband, and Wi-Fi services. With the addition of their LTE Network, B.I.T. can offer fixed higher speed wireless with more Bandwidth for broadband services.

## Benefits

BEC has always been at the forefront in engineering devices which provide better wireless broadband and high- speed internet access to underserved customers. When completed, BIT's new broadband service will be available throughout the five counties in rural areas not previously served or with prior limited access.

In this and many other similar environments, BEC Technologies equipment has proven itself able to handle easily the rigors of providing reliable internet services to the un-served and underserved communities. BEC provides the highest level of services and reaches an expanded customer base. Our clients expect increased stability, extended range and improved performance from our products with very few problems compared to other products. BEC's products outperform other products and improve the quality of services for their customers.

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