



Cambium Networks™

CASE STUDY

# MyJEC Broadband Connects Rural Texas with Cambium Fiber and ONE Network



## Customer Overview

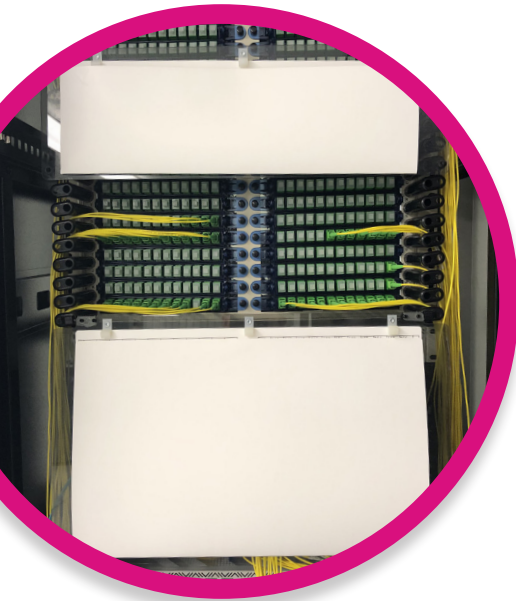
MyJEC Broadband, the communications arm of Jackson Electric Cooperative (JEC), serves rural communities across Matagorda County and surrounding areas in Texas. As a member-owned cooperative, JEC has a mission to provide reliable electric and broadband services with the same commitment to quality and community engagement. With over 2,400 broadband customers and expansion plans to grow their network to 10,000 homes and businesses, MyJEC is transforming connectivity in underserved areas.

## Business Challenge

In rural Texas, traditional broadband options are often unreliable or unavailable. Competing providers failed to meet customer expectations, often driving residents back to MyJEC for more dependable service. MyJEC initially deployed wireless broadband using Cambium Networks radios but faced the need for higher capacity and long-term scalability.







The discontinuation of their existing GPON vendor created a strategic inflection point. MyJEC needed a fiber solution that could seamlessly interoperate with existing infrastructure, provide superior performance, and integrate into their existing network management tools—all without disrupting service or requiring labor-intensive equipment swaps.

## Technology Solution

MyJEC selected Cambium Networks to deliver a fully integrated fiber and Wi-Fi solution, supported by centralized management through cnMaestro. Cambium's end-to-end platform enabled MyJEC to confidently scale its fiber network with reliable, manageable infrastructure.

### Cambium Products Used:

- **GPON Fiber Solutions** – for high-speed, scalable fiber broadband
- **cnMaestro™ Network Management** – unified visibility and control of fiber, wireless, and customer premises equipment
- **RV22 Wi-Fi 6 Home Mesh Router** – for high-performance home Wi-Fi with easy provisioning and management

By selecting Cambium, MyJEC avoided truck rolls when replacing ONTs, thanks to interoperability with legacy hardware. Currently, there are about 1,500 ONTs deployed in the field. Equipment could be onboarded and managed through cnMaestro, which their team already used extensively for their wireless infrastructure.

## Field Results

Deployment of Cambium fiber and RV22 Wi-Fi 6 Home Mesh Routers led to immediate benefits:

- **Reduced truck rolls** through remote provisioning and management
- **Improved customer experience** with high-speed, low-latency connectivity and strong Wi-Fi coverage
- **Streamlined operations** using a single pane of glass for managing both fiber and wireless through cnMaestro

Customers who previously tried competing services returned to MyJEC for better bandwidth and reliability. The system's easy manageability also empowered MyJEC's customer service reps and technicians, improving overall operational efficiency.

## Business Value

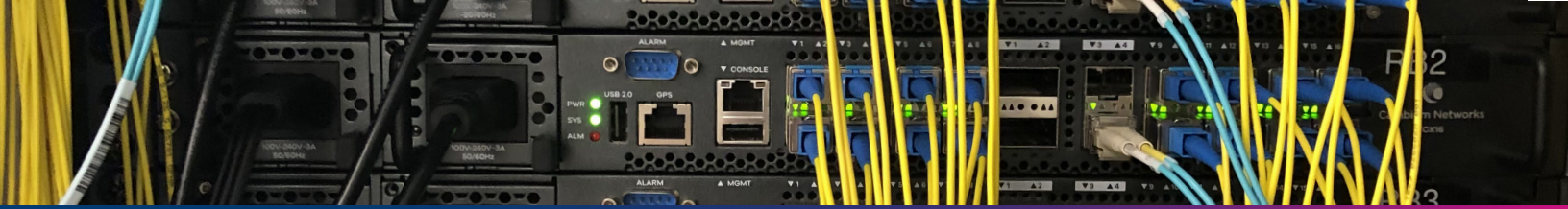
The transition to Cambium's fiber platform was not just a technology upgrade—it was a strategic enabler for growth. With Cambium's ONE Network approach, MyJEC



### The fact that

Cambium worked with us on interoperability was a huge win. We didn't have to roll trucks or rip and replace—we just dropped Cambium OLTs into the network and kept moving."

- Timothy Henderson, MyJEC Broadband



can rapidly scale its service without adding complexity to its operations. Fiber expansion is being completed faster with aerial deployment, while cnMaestro centralizes control, allowing the team to focus on customer service instead of network troubleshooting..

## The Power of Cambium's ONE Network

Cambium Networks' ONE Network simplified MyJEC's fiber and wireless operations under a single management platform. This integration allowed faster troubleshooting, lower operational costs, and a better user experience for both field staff and end customers.



### If I hadn't had

anyone at Cambium I could reach out to with my problems, a lot of this might not have worked out as smoothly as it did. Having that support from the Cambium team really gave me the confidence to move forward."

- Timothy Henderson, MyJEC Broadband



## About Cambium Networks

Cambium Networks enables service providers, enterprises, industrial organizations, and governments to deliver exceptional digital experiences, and device connectivity, with compelling economics. Our ONE Network platform simplifies management of Cambium Networks' wired and wireless broadband and network edge technologies. Our customers can focus more resources on managing their business rather than the network. We make connectivity that just works.