

CBRS in the Great Plains



How shared spectrum is supporting businesses, communities, and innovation across the Great Plains.

The Great Plains is home to some of the nation's largest manufacturing, agricultural, healthcare, logistics, and educational institutions—all of which depend on reliable connectivity to compete and grow. Across the region, organizations are using CBRS to expand broadband access, modernize operations, and support innovation. Their experiences demonstrate how shared spectrum has become an important resource for communities and businesses across the region.

Regional Impact



Connecting Communities

Across the Great Plains, CBRS is helping expand connectivity where traditional broadband can be difficult or costly to deploy. Rural broadband providers are using the technology to reach underserved communities, while schools and community organizations are expanding internet access in hard-to-serve areas. For example, ATC Communications uses CBRS to deliver fixed wireless broadband across rural Nebraska, while Wisper ISP has leveraged CBRS to expand broadband access for homes, farms, and small businesses across Kansas and Oklahoma.



Supporting Business

The Great Plains' agriculture, energy, and rural business sectors are increasingly turning to CBRS-powered wireless networks. Providers including ATC Communications, Midco, Vistabeam, Wisper ISP, and Northern Skies Wireless are using CBRS to deliver reliable connectivity to farms, ranches, manufacturers, and small businesses across the region, supporting day-to-day operations while expanding broadband access in rural communities.



Driving Innovation

CBRS is enabling organizations across the Great Plains to modernize operations without relying solely on traditional Wi-Fi or public cellular networks. Providers including Midco, Vistabeam, Northern Skies Wireless, Rural Broadband Partners, and Blackdragon Networks continue expanding CBRS-powered networks to improve broadband availability across Kansas, Nebraska, North Dakota, and South Dakota, demonstrating how shared spectrum is driving innovation through locally deployed wireless infrastructure.

Why It Matters

From farms and ranches to energy facilities, rural communities, and small businesses, CBRS is supporting a diverse range of users across the Great Plains. The region's growing adoption of shared spectrum demonstrates that CBRS is helping strengthen agricultural competitiveness, modernize critical industries, expand connectivity to underserved communities, and support innovation across America's breadbasket.

Additional Examples of CBRS Across The Region

North Dakota, South Dakota	Midco	Rural Broadband
Nebraska	Vistabeam	Rural Broadband
Kansas, Oklahoma	Wisper ISP	Rural Broadband
North Dakota	Trilogy Networks	Agriculture

CBRS Champions in the Region

Many of the organizations headquartered or operating in the region submitted comments to the FCC asking commissioners not to raise power levels in the band. They reminded them that CBRS was intended for low-power usage because it reduces interference concerns and increases opportunities for businesses of all sizes to build their own networks.

Kansas	Blackdragon Networks	Serves 250 customers using CBRS.
Nebraska	Rural Broadband Partners	Serves rural customers using CBRS.
Nebraska	ATC Communications	Serves 1,200 customers using CBRS.
North Dakota	Northern Skies Wireless	Serves rural customers using CBRS.
Oklahoma	Arbuckle Communications	Serves 7,000 customers using CBRS.
Oklahoma	ProValue.Net	Serves 500 customers using CBRS.
Oklahoma	The Junction Internet	Serves 3,000 customers using CBRS.

Learn More

- [CBRS in Action](#)
- [CBRS Powers American Manufacturing Report](#)
- [Valo Analytica Study](#)
- [Federal Communications Commission 17-258 Docket](#)