CBRS on the West Coast

SPECTRUM FOR THE FUTURE

How shared spectrum is supporting businesses, communities, and innovation across America's innovation hub.

The West Coast is home to some of the nation's most advanced technology ecosystems, major manufacturing and logistics hubs, global trade ports, and diverse communities ranging from dense urban centers to remote mountain and coastal regions. Across the region, organizations are using CBRS to expand broadband access, support next-generation manufacturing, modernize logistics operations, and drive 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 West Coast, 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 leveraging private wireless networks to improve access to reliable connectivity. For example, Fresno Unified School District uses CBRS-powered private networks to close the school-to-home connectivity gap, expanding access across 24 school neighborhoods. In rural California, Oregon, and Washington, providers are using CBRS to deliver broadband service to communities where traditional infrastructure is challenging to deploy.

Supporting Business

The West Coast's logistics, agriculture, and industrial sectors are increasingly turning to CBRS-powered private wireless networks to support more connected operations. At the Port of Long Beach, CBRS enables automated guided vehicles, wireless sensors, and real-time asset tracking to improve cargo movement, operational efficiency, and safety across one of the nation's busiest trade hubs.

Meanwhile, Cal Poly has deployed CBRS-powered private 5G networks to support precision agriculture research, smart campus infrastructure, and hands-on workforce development. The university's private network connects research facilities ranging from its marine research pier to remote agricultural sites, while providing students with real-world experience designing and managing next-generation wireless systems for industries including agriculture, energy, construction, and public services.

Driving Innovation

CBRS is enabling organizations across the West Coast to modernize operations without relying solely on traditional Wi-Fi or public cellular networks. Cal Poly's private 5G network is also supporting hands-on workforce development by giving students experience designing and managing next-generation wireless systems for industries including agriculture, energy, construction, and public services.

Why It Matters

From global trade ports and agricultural research facilities to schools, rural communities, and technology innovators, CBRS is supporting a diverse range of users across California, Oregon, and Washington. The region's adoption of shared spectrum demonstrates that CBRS is helping expand broadband access, strengthen critical infrastructure, advance research and workforce development, and support economic growth across one of the nation's most innovative regions.

Additional Examples of CBRS Across The Region

California	**Port of Long Beach**	Logistics
Oregon, Washington	**PocketiNet Communications**	Rural Broadband
California	**Imperial County Office of Education**	Education
Oregon	**The Greater Eastern Oregon Network**	Education & Research
Washington	**Columbia Energy**	Energy

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.

Oregon	**Pioneer Connect**	Serves 7,000 customers using CBRS.
Washington	**The Local Connectivity Lab**	Serves 270 customers using CBRS.
California	**Accel Wireless**	Serves 2,000 customers using CBRS.
Washington	**Eltopia Communications**	Serves 4,000 customers and 600 farms using CBRS.
Washington	**Wired or Wireless, Inc.**	Serves 300 customers using CBRS.
California	**SmarterBroadband**	Serves 900 customers using CBRS.

Learn More

CBRS in Action

CBRS Powers American Manufacturing Report

Valo Analytica Study

Federal Communications Commission 17-258 Docket