



CBRS vs. Neutral Host

Choose the Best Network for Your Venue

Are you looking to enhance wireless connectivity in your venue? When considering wireless network options, evaluating the benefits of different technologies is important. Let's compare CBRS (Citizens Broadband Radio Service) versus a neutral-host network to help you decide!

CBRS

Neutral Host

Control

With CBRS, you have full control of your network. You can deploy a private 5G network tailored to your venue's specific needs, ensuring optimal performance and customization. In addition, you will have visibility of users authenticated on the network.

A neutral host network relies on shared or leased spectrum from multiple service providers. This arrangement limits your control over the network, users, and infrastructure, leading to potential compromises in coverage and performance.

Cost-Effectiveness

Building a private CBRS network drives an investment in a single network for both venue and mobile operator usage. You can optimize costs and allocate your budget more efficiently in the long run without relying on external service providers.

A neutral host network often involves coordination with multiple service providers, which can be costly and complex to manage.

Flexibility and Customization

With CBRS, you have the flexibility to design and customize the network to match your venue's requirements. We can tailor coverage areas, optimize performance and grade of service, and deploy venue-specific critical and next-gen applications—enhancing the user experience and meeting your unique needs.

Neutral host networks typically have standardized infrastructure designed to support multiple bands, carriers, and technologies. This may result in a one-size-fits-all approach that may not fully meet your venue's specific requirements.

Reliability and Performance

CBRS networks provide dedicated and reliable connectivity within your venue. With a private 5G network, you can ensure consistent performance even in densely populated areas or during peak usage times, offering an exceptional user experience.

While neutral host networks provide connectivity from multiple service providers, ensuring consistent coverage and performance throughout the venue can be challenging, potentially resulting in network congestion and compromised user experience.

Time to Deployment

Deploying a CBRS network is a streamlined process that gives you control over the deployment timeline. You can quickly implement your private 5G network, ensuring faster connectivity for your venue and minimizing potential delays.

Implementing a neutral host network requires coordination and agreements with multiple service providers, which can prolong the deployment process and introduce complexities.

CBRS offers you unparalleled control, customization and cost-effectiveness. With a private 5G network, you can ensure exceptional connectivity, optimize performance and tailor the network to your venue's specific requirements.

Extenet specializes in CBRS deployment and offers comprehensive wireless connectivity solutions. Let us help you harness the power of CBRS to transform your venue into an ultra-connected, seamless and engaging experience for your visitors!

Visit [extenet.com](https://www.extenet.com) to learn more about how Extenet's CBRS solution can revolutionize wireless connectivity in your venue.