

The In-Building Cellular Coverage Challenges for Multi-Unit Environments

For residential and mixed-use properties cellular connectivity is an absolute necessity.

About SOLiD BARS™ for Residential and Mixed Use Buildings

The SOLiD BARS™ solution was designed specifically for small to mid-sized buildings, making it a perfect fit for the properties you manage every day. Supporting all three major U.S. carriers, SOLiD BARS provides comprehensive multi-carrier coverage without requiring tenants to connect to a separate network or log in. The solution delivers cellular coverage over standard Ethernet cabling to small, aesthetically pleasing remote antennas installed discreetly throughout the building. Backed by 25+ years of proven expertise, SOLiD BARS provides property owners and managers a scalable, cost-effective way to eliminate dead zones and deliver the connectivity today's tenants demand.

Connectivity That Maximizes Your Values

Poor in-building cell signal isn't just an inconvenience; it's a leasing liability. Prospective tenants consistently rank reliable connectivity among their top priorities, and properties that can't deliver it lose prospects to competitors that can. Strong cellular coverage reduces tenant complaints, supports lease renewals, and positions your property as a premium option in a crowded market. It also means that residents and families stay connected with confidence, provides the ability to command higher rates, ensures necessary safety measures are met, and supports connectivity to EV charging spaces across residential and mixed use buildings.

SOLiD BARS is ideal for providing seamless mobile connectivity in:

- Apartment Complexes
- Condominiums
- University Residences
- Senior & Independent Living Communities
- Mixed-Use Residential & Retail Buildings
- Corporate Housing

Contact Us

Contact us to learn how the SOLiD BARS solution enhances connectivity and competitiveness to your properties. Our team will walk you through your building's specific needs and help design a solution that works for your space, your timeline, and your budget.

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SOLiD BARS FAQ

How does it work?

The SOLiD BARS system obtains cellular signals either directly from the carrier via small cell or “over-the-air” signals from nearby cell sites. It then amplifies and redistributes these signals throughout the building to aesthetically installed antennas in areas of the building requiring coverage enhancement. The solution supports three major U.S. carriers, enabling users to make calls, send texts, and stream content without disruption. The BARS system is simple, fast to deploy, and delivers service immediately.

What makes it different from a traditional DAS?

Traditional DAS systems are typically best suited for very large or high-traffic venues. They require carrier participation, fiber backbones, high upfront investment, and often take months to install and integrate. SOLiD BARS is different in several important ways:

- Multi-carrier: Supports all three major U.S. carriers without requiring any carrier engagement
- Cellular signal source options including carrier, small cell, or over the air
- Ethernet-based: Uses standard Cat6A cabling
- Scalable: Easy to expand as your coverage needs grow
- Cost-effective: Designed to bring mobile coverage within budget for small or medium-sized buildings

What does “over-the-air” mean?

Over-the-air means that the system uses signals from existing outdoor cell towers that are captured through antennas placed on the roof of the building. There’s no need to negotiate custom service agreements with carriers or build out fiber backhaul connections. This makes deployment faster, easier, and significantly more affordable — especially in buildings where cellular coverage is present outdoors but doesn’t reach indoors.

Is BARS compatible with all major carriers?

Yes. SOLiD BARS supports all three major U.S. mobile network operators: AT&T, T-Mobile, and Verizon. It can amplify up to three frequency bands per carrier, so you can be confident that your users will get the signal they need, no matter which network they’re on.

How is it installed?

One of the strengths of BARS is how easy it is to install. It runs over standard Ethernet cabling that your facilities and IT staff work with every day. The system provides coverage using lightweight, compact remote units that can be placed where needed in your building. Installations can often be completed in days rather than weeks, with minimal disruption to business operations, allowing for immediate service delivery.

Is the system easy to manage?

Yes. BARS includes a user-friendly equipment management system, that allows system integrators or your IT team to remotely monitor and optimize the system. That means fewer service calls, better visibility, and easier troubleshooting. It also makes it easy to add coverage to new areas as your needs or the carrier networks change.