BearCom provides everything needed to make your BDA project effective and compliant. Our team stays up to date with wireless technology by earning the latest credentials for DMR and P25 networking, R56 site installation, and other key industry certifications.

You can rest assured that we will design the right BDA / DAS solutions to meet all coverage requirements because we are certified with iBwave software and use Anritsu Site Master analyzers to monitor signal strength.

Get the Help You Need!

HOTLINE: 844.883.8904

Did You Know?

About 90% of public safety systems with first-responder in-building wireless radio coverage did not meet existing or impending fire codes from the NFPA and IFC.*


TOP COMPLIANCE REQUIREMENTS THAT IMPACT YOUR BDA PROJECT

Most cities in the U.S. have codes that require mandatory in-building radio coverage for first responders. To make sure your building meets these regulations, here are the top compliance requirements you need to consider when planning your BDA project...

Public Safety signal boosters must meet FCC guidelines, and often must comply with International Fire Code or National Fire Protection Association statutes.

IFC 510 requires 95% and NFPA 72, Chapter 24 requires 90% in-building wireless signal coverage.

In addition, NFPA requires 99% wireless signal coverage for critical areas like fire pump rooms, exit stairs and passageways, and elevator lobbies.

Minimal signal strength of -95 dB for two-way radios.

BDAs must work in high heat and humidity, and withstand direct water spray from a fire hose.

Coverage must be tested in a 20-grid or 40-grid process with a public safety radio.

Equipment supporting public safety radio systems must be able to operate up to 24 hours on a backup battery.

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