



YOUR BDA COMPLIANCE CHECKLIST

To meet local code requirements, many facilities require Bi-Directional Amplifiers (BDAs) that deliver enough in-building signal strength to boost two-way radio coverage on public safety frequencies. BDAs can also increase signal strength for private VHF and UHF two-way radio networks to increase staff efficiency and safety by reaching into dead zones inside the building.



This BDA Strategic Checklist Can Help You Get Started

It can be challenging to design and deploy an in-building communication system that meets performance requirements and code standards. Here is basic information you need to consider:

Public Safety Communications	Yes	No	Maybe
Do you know the Emergency Responder Radio Code (ERRC) requirements in your locality?			
Has your facility been assessed to identify dead spots in signal coverage?			
Does your building meet 99% wireless signal coverage (NFPA Code) in fire pump rooms, exit stairs, passageways, and elevator lobbies?			
Do you know the public safety radio frequency bands requiring coverage?			
Is this new construction, or is there an upcoming code audit, safety review, remodeling project, or building addition that requires passing an inspection or earning a permit?			
Are the general contractor and electrical contractor informed enough to meet state and local ERRC requirements to earn a Certificate of Occupancy? Can they also meet FCC requirements?			
Can your BDA provider deploy a system with: Backup power or batteries that support systems for 12 hours (NFPA) or up to 24 hours (IFC); as well as equipment that is resistant to high heat, high humidity, water splash from a fire hose, dust and dirt; along with enclosures that are NEMA 4 rated; and more?			
Team Communications	Yes	No	Maybe
If your staff uses VHF or UHF two-way radios, are there dead zones that impact team productivity and worker safety?			
Are you considering BDAs for your own two-way radios communications system?			
Does your two-way radio system meet requirements for FCC licensing, and standards for DMR and R56 installation?			
Are BDAs for cellular signals part of your project plans?			
Is your building LEED certified, or will it be?			
Next Steps	Yes	No	Maybe
1 Are projects underway that require a DAS or BDA installation?			
2 Are you interested in receiving a proposal?			
3 Are there site plans/floor plans/blueprints available to better understand wireless infrastructure needs?			
4 Are you ready for a site-walk to analyze wireless coverage?			

DAS/BDA Planning and Deployment

BearCom has deployed hundreds of BDAs in all types of buildings. To get the right solution for your environment, our team uses sophisticated site analyzer equipment and we have engineers certified to use iBwave software to identify and address issues.

Contact BearCom to request a FREE consultation or site walk.

→ BEARCOMPLIANCE HOTLINE: 844.883.8904