



Public Safety DAS

CASE STUDY

Emergency responder radio coverage signal failure resolved with a Public Safety Distributed Antenna System (DAS)

PROBLEM

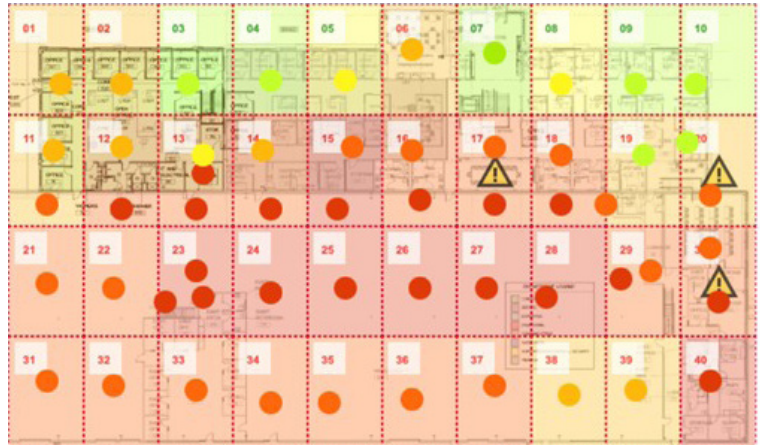
Buist identified a critical need to improve emergency communication capabilities within our headquarters. While traditional two-way radios worked adequately, we discovered coverage gaps in certain areas of the building, particularly on the lower levels and in interior rooms.

SOLUTION

To meet NFPA requirements and ensure reliable emergency communication, we installed a Public Safety Distributed Antenna System (DAS), also known as an Emergency Responder Communication Enhancement System (ERCES). Designed to improve in-building radio coverage, an ERCES enables first responders to maintain clear communication during emergencies. Buist conducted a site survey to assess signal strength and designed a system tailored to the facility. The DAS captures and distributes 700/800 MHz signals through strategically placed antennas and equipment, providing consistent coverage throughout the building.

RESULTS

After installation, a post survey showed significant improvement. Areas that previously had weak or no coverage, especially interior rooms and lower-level spaces, now had strong, consistent signal. The entire facility benefited from dependable communication capability, ensuring first responders have full access in the event of an emergency. This project highlights Buist's dedication to **Raising The Standard** in the technology industry, safety, and beyond.



BEFORE



AFTER

OUR PROCESS

1. Contact us
2. Assess your current coverage
3. Review results
4. Design and implement a tailored solution
5. Experience a safe and code compliant environment

Interested? Contact us

TODAY

Visit our website www.buist.com for more information.

