

In-building Cellular



Uninterrupted cellular connectivity

Uninterrupted connectivity is fundamental to the way we live and work, yet the high-tech structure of modern office buildings often means that they struggle to get a reliable network signal throughout. Poor connectivity resulting in dropped calls and data disruption is a source of huge frustration to the owners and users of commercial buildings – be it a single office, office blocks, hospital, or a large corporate campus.

Put quite simply cellular signals were not designed to penetrate walls and it's for this reason that more and more organisations are implementing in-building cellular solutions to ensure uninterrupted indoor cellular connectivity.

At Firstcom Europe we are highly experienced in delivering in-building cellular solutions including distributed antenna systems (DAS) and mobile signal boosters to a wide range of organisations. We will guide you through the process to ensure the smooth running and success of your project. We work with our technology partners Zinwave, and Cel-fi, to deliver the solution best suited to you whatever the size or location of your building.

What is an in-building cellular solution?

An in-building cellular solution is a network of small antenna installed throughout a building that takes the signal directly from the carrier or from an external roof-mounted antenna. It is both cost-efficient and easy to deploy and is the ideal solution to improve mobile signal coverage, eliminating dead zones and dropped calls to provide clear and reliable connections throughout the chosen location.

Where do in-building cellular solutions work best?

In-building cellular solutions are particularly well-suited to locations that are highly populated such as hospitals, shopping centres, educational institutions, and large office blocks.

The Firstcom project process explained

All Firstcom installations are undertaken with an emphasis on safety compliance and quality of workmanship and have been developed using a robust methodology to ensure successful execution.

Proposals all include a detailed plan, network map, clearly defined objectives, and a recommended course of action.

We manage every aspect of the implementation process from strategic planning, design, and procurement to project management, testing, training and documentation. We work closely with your existing IT team to ensure the smooth running of the project.

Health and safety are a priority for every cabling project we undertake. All our engineers carry CSCS cards and receive the very best training to ensure that all projects carried out on your site are completed in a safe and professional manner. Risk assessments are carried out during the initial stages of a project and if requested can be submitted along with method statements and supporting documentation

Contact Us

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