



IN-BUILDING

CELLULAR

UNINTERRUPTED MOBILE CONNECTIVITY
WITH ONNEC'S IBC SOLUTION

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TOTAL COVERAGE CONSTANT CONNECTIVITY

Employees, customers and visitors – all expect certainty in their mobile connectivity, wherever they are. A seamless, fast mobile connection is the positive experience demanded by users today.

The problem with cellular coverage issues is that the service can be patchy and unreliable but evidence is often anecdotal, with people experiencing varying problems at different times. In the largest buildings, while people in one part of the building may have strong, consistent service – others may be getting no service at all. Lifts and stairwells offer a challenge and often remain as ‘Not Spots’. This all leads to frustration as they make do and suffer the inconvenience to their working processes that no access to mobile voice and data brings.

With the help of our dedicated team of In-Building Cellular (IBC) specialists, Onnec can solve this problem for good. We will deliver a solution that is right for every need. From one building to one hundred, we can specify and deliver connectivity that is right for each of our client’s specific requirements to deliver the highest performance possible.

A robust, In-Building Cellular wireless solution is a business necessity.

If you’re hoping to give employees, customers and visitors certainty in their mobile connectivity, wherever they are, Onnec can help.



LESS SPACE MORE SPEED

Up until recently, implementing an In-Building Cellular solution had a reputation for being expensive and cumbersome to install and operate. A long-drawn-out process that involved extensive on-site equipment, specialised cables and often protracted negotiations individually with Mobile Network Operators.

Onnec offers a solution that provides users the services of all major networks, guaranteeing no network lock-in for your business and ensuring guest devices can connect, even those from abroad.

A recent initiative by OFCOM has led to the legalisation of cellular repeaters, allowing self service mobile coverage solutions have arrived to the benefit of all mobile users, with the advantage of minaturised form to save precious space and power. Onnec maintain a high capacity solution for larger sites, where our repeater technology is not always suitable.

As well as providing best-in-class technology, Onnec brings an innovative set of commercials to the offering. We manage the relationships with the network providers and operate the system, bringing significant simplifications to this important facet of the solution.

➤ With our approach, it is possible to solve coverage and capacity issues.

➤ By moving mobile phone traffic to IBC, it eliminates the need to manage connectivity and keeps them separate, whether it's an employee's phone or a guest that just walked into the building for the first time.

➤ This means less time focusing on support issues, and higher user satisfaction.



YOUR IBC SOLUTION DELIVERED

We can deliver a connectivity platform that's right for you – both for now, and the future. Our approach is simple:



BESPOKE DESIGN

- Conduct an on-site cellular coverage survey to understand the IBC environment that will be encountered.
- Understand the service options required and assets present to form the basis for an accurate recommendation.
- Be vendor agnostic - providing the best performing and efficient solutions most suited to the clients' requirements.



EXPERT DEPLOYMENT

- All site work carried out by our very experienced team of IBC specialists.
- Experience in new build and retrofit projects, taking a flexible approach to minimise the disruption to our clients' business.



ONGOING MANAGEMENT

- Available 24/7 for on-line and (subject to access) attendance on site, according to the SLAs agreed.
- Regardless of solution all our IBC solutions are monitored for optimum functionality 24/7 by our automated supervisory system.

SUCCESSFUL DELIVERY

Connecting a 40 storey, multi-tenanted building with an Onnec IBC solution.

PROJECT BACKGROUND

Comprising two buildings – a main 40-storey tower and a second 7-storey structure – the 100 Bishopsgate development, centred in the heart of the City of London, includes more than 650,000 sq ft of office space, restaurants and other hospitality facilities.

With a number of high-profile companies set to occupy office space, the sites developers set out to offer seamless access to the cellular mobile networks, with mobile connectivity having become an essential tool for well-being, and in many cases, the fifth utility.

OUR SOLUTION

Destined to be a multi-tenancy building, and with the added requirement to serve many visitors each day, the solution had to be operator agnostic and solve both a coverage and a capacity issue.

Our solution was to design and deploy a dedicated in-building cellular solution, using the latest digital technologies, working closely with the UK's major Mobile Network providers and taking into account the JOTS standard.

From the date of its completion, our solution has been providing the building's tenants and guests with seamless access to 4G mobile services.





ABOUT ONNEC

Onnec is a global IT Infrastructure specialist providing end-to-end connectivity solutions for Data Centre, Office, Fulfilment Centre & Retail environments.

From structured cabling, networking solutions, managed services, connected devices to building insights, our end-to-end services give you the infrastructure you can completely rely on.

Onnec is one of the world's leading exponents in this space, and with over 800 full-time employees across EMEA, US and APAC, the company is structured around key global customers to ensure consistency of service and delivery. As such, the company has a loyal customer base of multinationals, with relationships spanning 30+ years. Customers benefit from decades of experience and industry-leading standards, deployed at a local level.

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