

No coverage,  
no problem

with Cellnex UK  
In-Building Solutions



# Can't get a signal inside?

In today's connected world there's an expectation that mobile coverage will simply be there. When it's not, it can be a frustrating, productivity-impacting issue for building users – one that damages the reputations of owners.

Thick-walls, steel structures and the use of metallised-glass in building design has a major impact on mobile signals – reducing their strength or blocking them completely.

If the physical building is impeding 4G signals, this will only get worse in a 5G world.

5G connectivity operates at a higher frequency – making signals more sensitive to disruption by physical infrastructure.

Eliminating existing – and avoiding new – voice and data connectivity problems is now a business imperative. And it's easier than you think with a complete in-building solution from Cellnex UK.



# In-building connectivity in the real world



**Staying connected is a commercial priority. Cellnex UK has a wealth of experience in meeting the indoor coverage needs of organisations across the UK.**

## Commercial real estate

Maximise building potential.

### Optimise occupancy.

Attract and retain high value business tenants.

### Support new ways to work.

Make mobility and hot desking a reality.

### Increase revenue.

Bundle connectivity into your service package.

## Retail and leisure

Boost revenue opportunities.

### Increase dwell time.

Keep shoppers connected across your site.

### Enable new services.

Support app-based promotions, wayfinding and cashless payments.

### Boost rental opportunities.

With coverage in retail units, in-store concession and food and beverage areas.

## Healthcare

Connect staff and patients.

### Enhance patient experiences.

Access entertainment services and stay in touch with family and friends.

### Boost team collaboration.

Connect clinicians and administrators across campus.

### Support emergency comms.

Ensure first responders stay in touch at all times.

## Live sports and events

Enhance the fan experience.

### Extend your audiences.

Events go viral as fans socialise pictures and footage.

### Drive app-based revenue.

Promote venue services and offers to on-site fans.

### Support health and safety.

Keep stewards, safety and security teams connected.

## Hospitality

Exceed guest expectations.

### Enable remote working.

Provide secure remote working for business guests

### Boost loyalty.

Connect with guests and share promotions through mobile apps.

### Deliver new services.

Offer in-app reservation and remote check-in/out services.



# 5-bar connectivity, created for you

A Cellnex 4G/5G indoor multi-operator solution answers the connectivity challenges of today and tomorrow.

Addressing your requirements and the specific challenges of your location – and leveraging the latest Distributed Antenna Systems (DAS) – we will create a built-for-purpose In-Building Solution that delivers the coverage and capacity your users need and expect.



## Features

- Purpose-built 4G/5G solution
- Tailored to meet your specific needs
- Coverage from all UK Mobile Network Operators
- Fully scalable solution to support changing needs
- Future-proofed for 5G connectivity
- Full network control and management
- Flexible commercial models to suit your business



## Benefits

- Eliminates dropped calls and slow mobile internet
- Ensures seamless voice and data communications
- Enables the delivery of new revenue-generating services
- Enhances brand and encourages customer loyalty
- Tackles the operational and user access issues of WiFi
- Builds the connectivity foundations of a truly smart building

## Evolution of in-building connectivity

Cellnex is continually innovating our In-Building Solutions as technologies evolve. The latest architecture promises to further reduce the costs of delivering indoor connectivity. This approach removes large base stations and telecommunications equipment from dedicated communication rooms – so there's no need to give up valuable space. Power consumption is also reduced, on-site installation is straightforward and ongoing access requirements are minimised.





# Fully managed by Cellnex UK

**From design and planning to deployment,  
and operational support, we are with you all the way.**

Each Cellnex In-Building Solution is designed to meet the specific business requirements of the building – taking advantage of our in-house expertise and tried-and tested processes.

We begin by understanding your needs, conduct detailed site surveys then deliver back a blueprint tailored to your specific building requirements. Our engineering teams will then deploy and commission the indoor solution.

On completion, your network will be fully managed and monitored 24x7x365 to ensure optimal performance.

With expertise in providing flexible commercial models for site and building owners – some requiring no capital investment – we will create a package that is absolutely right for you and your users.

**To discuss your requirements,  
contact the team [here](#)**



## End-to-end



Survey, design  
and engineering



Deployment and  
commissioning



Management of mobile  
operator connections



Operational monitoring  
and maintenance



Upgrades  
and extensions

## Making it easy with a single partner

As a neutral host – an independent provider delivering connectivity from all mobile operators – Cellnex UK removes the complexities of dealing with multiple stakeholders. We'll engage with the mobile operators and third-party suppliers on your behalf.

Our solutions are built to established industry specifications, including the new Joint Operator Technical Specifications (JOTS) for Neutral Host In-Building, and can be extended as your business location grows. As your single point of contact, we'll manage the whole process for you.



# It's time to get smart about indoor connectivity

**Building and venue owners can now embrace a wealth of opportunities to simplify management, reduce costs, generate new revenue streams and address the sustainability agenda.**

Despite the plethora of communication options in our smart homes, offices and leisure spaces, most of us turn to the mobile to make a call, check email or update our social-media feed. In fact, 80 percent of mobile traffic either originates or terminates indoors.

A 4G or 5G Cellnex UK In-Building Solution addresses the indoor user experience, delivers 5-bar connectivity and provides a powerful foundation for today's smart building apps and services.



# Get in touch

**Cellnex is a UK Critical National Infrastructure Provider and one of Europe's leading telecommunication companies.**

We have extensive experience deploying in-building solutions in sports stadia, transport hubs, commercial real estate, hospitals and more.

Find out how to get 5-bar connectivity in your building, book a meeting with our in-building experts at:  
**[In-BuildingSolutions@cellnextelecom.co.uk](mailto:In-BuildingSolutions@cellnextelecom.co.uk)**



**[cellnextelecom.co.uk](http://cellnextelecom.co.uk)**

Cellnex plays a key role within the telecoms sector enabling connectivity throughout Europe. In the UK, as the country's leading independent telecoms site partner, Cellnex provides critical national infrastructure & services to telecoms operators, emergency services organisations and many other enterprises.

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## Further Reading

See how a Cellnex UK In-Building Solution deployed in Manchester City's Etihad Stadium is delivering new match-day experiences.

Visit our **In-Building Solutions** pages.



**cellnex**  
driving telecom connectivity

