



# Indoor Connectivity for Healthcare

**Eliminating not-spots and coverage problems across your building or campus.**

**With healthcare professionals, patients and visitors relying on a wide range of devices to stay connected to one another and the outside world, Cellnex UK's secure indoor connectivity solutions can tackle the most complex signal issues and cellular coverage problems.**

Providing cellular connectivity in areas where conventional wireless coverage does not reach, we take the signal from the mobile network operators (MNO's) and distribute these throughout the building or campus via a network of small antennas.

By working together with the site owner (such as a hospital) and MNO partners, every Cellnex UK indoor solution is tailored to the precise needs of the location using a wide range of technologies and frequencies including 4G and 5G.



## Typical Use Case

**Reliable, robust communications are essential within the healthcare sector – not only to ensure the highest levels of patient care and allow first-responders to communicate effectively in emergency scenarios, but to deliver the best experience for patients.**

However, the thick walls and design of older Victorian hospital buildings often creates coverage gaps in basements, stairwells and across wards and departments, while the steel structures and metallised glass of newer designs can reflect radio frequency signals and cause similar service issues.

To overcome the problems caused by the physical constraints of hospital buildings, an internal network of antennas is created that ensures full mobile coverage throughout the building or campus.



**UK's leading independent telecoms site provider**



**9,000 Active telecoms sites across the UK**



**Partners with all UK Mobile Network Operators**

## Features & Benefits

**Dedicated mobile signal –** designed to the precise requirements of your environment

**Multi-operator compliant –** ready to provide coverage from all mobile network operators

**24x7 assurance –** fully-managed, end-to-end telephony service, with 24x7 support

**Effective emergency communications –** enables clinicians to be called in the event of a patient emergency

**Enhancing the patient experience –** allows patients and visitors to use their devices to access entertainment services and stay connected to friends and family

## Why Cellnex?

**Cellnex is a key piece of the telecoms jigsaw throughout Europe.**

Every day, as a UK Critical National Infrastructure Provider and the country's leading independent telecoms site partner, emergency services organisations, telecoms operators and many others count on us to connect millions of people to the world.



[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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