

Connecting patients, visitors and staff at Papworth Hospital

**Supporting life-saving care with
state-of-the art mobile connectivity**

At the heart of the community

Royal Papworth Hospital is the UK's leading heart and lung hospital, treating around 50,000 patients a year. In 2019, 100 years after its establishment, the hospital was granted Royal status in recognition of its pioneering work in cardiothoracic care. In this same year, Royal Papworth also moved into a new state-of-the-art facility on the Cambridge Biomedical Campus, with best-in-class voice and data connectivity deployed by Cellnex UK.

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Benefits and outcomes

- **Seamless voice and data connectivity for staff, visitors and patients** – across all four UK networks.
- **Future-proofed and robust mobile infrastructure** to support all clinical and estate functions.
- Integration with the hospital's **unified communications environments**.
- **Crash team pager support** over DAS
- **Radically improved visitor and in-patient experience** – by staying connected to the outside world.



For more on how Cellnex UK In-Building Solutions can enhance public network coverage in your critical healthcare environment, visit <https://www.cellnex.com/gb-en/solutions/healthcare/>

Optimising investment with Cellnex In-Building Solutions

Understanding the vital importance of mobile phone communications for patients, visitors and staff, the team at Royal Papworth chose the same technical solution as its sister hospital Addenbrooke's, a Zinwave Distributed Antenna System (DAS), delivered by Cellnex UK.

Being on the same site meant Cellnex was able to leverage reduced deployment costs and radically speed up installation – by extending the fibre network

from Addenbrooke's to the new build hospital. With the underlying infrastructure connected, the entire In-Building Solution was delivered in just six weeks.

As the hospital's requirements change, the flexibility of the system allows mobile operators to upgrade their base stations and add more capacity without Royal Papworth having to upgrade the DAS – just as happened during the COVID-19 pandemic of 2020.

