



## Connecting health care staff when they need it most

When health care staff couldn't make or receive calls, Cel-Fi Mobile Signal Boosters provided a reliable solution.

### Business Profile

Hywel Dda University Health Board provides healthcare services to a population of approximately 384,000 throughout Carmarthenshire, Ceredigion and Pembrokeshire.

It provides Acute, Primary, Community, Mental Health and Learning Disabilities services via General and Community Hospitals, Health Centres, GPs, Dentists, Pharmacists and Optometrists and other sites. Around 115,000 people now access their services each year.

### Challenge

- Maintain a reliable mobile signal throughout the existing and new wing at Bronglais General Hospital
- Boost EE signal throughout the entire building

### Product Solution

- 1 x [Cel-Fi Quatra](#) NU
- 4 x Cel-Fi Quatra CU
- 1 x External Antenna

## Business needs

In a hospital environment, continuous and stable mobile connectivity is imperative for staff and patients alike.

At Bronglais General Hospital, they needed to improve EE mobile signal coverage in all areas of the existing and new built hospital wing.

Boosting solutions from the mobile network was insufficient and Wi-Fi calling proved ineffective.

## The Solution

Following a site inspection, the [Cel-Fi QUATRA mobile signal boosters](#) were fitted. The Cel-Fi QUATRA is a scalable in-building mobile system for delivering high quality signal in venues up to 200,000 ft<sup>2</sup>.

It is a cost-efficient and easy-to-deploy solution that combines the best of active DAS and Smart Booster technologies that have been widely adopted by industry and networks around the world, setting a new standard in Signal Boosting capabilities. Cel-Fi QUATRA delivers a mobile signal that is up to 1000x stronger than analogue,

utilising CAT 5e/6 cabling for RF and power over ethernet, with no signal attenuation right to the perimeter of the building.

## Business Benefits

- The [Cel-Fi QUATRA](#) solution resolved the EE mobile coverage issues in the existing and new wing of Bronglais General Hospital.
- Staff are confident that they are always contactable.
- Since the system was fitted, the mobile signal has gone from zero to a steady four-five bars.

Cel-Fi products comply with OFCOM regulations (OFCOM SI 2018/399) and can be used without a licence.

