



# Case Study: Beaumont Hospital



Communication  
without compromise.



# A revolutionary nursecall system upgrade for Beaumont Hospital



## Intro

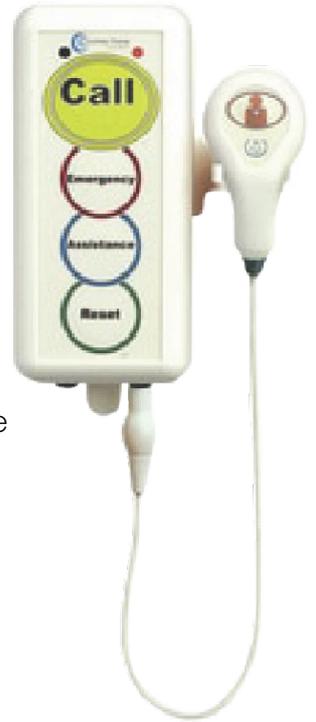
Beaumont Hospital, a large academic teaching hospital 5km north of Dublin city centre, provides emergency and acute care services to a local community of over 290,000 people. This prominent hospital has over 855 beds and employs around 4,000 staff.

## The Challenge

Sean Hurley, senior maintenance engineer, started receiving reports that the hospital's current nurse call system was experiencing difficulties in sending and receiving alerts. Upon investigation, it was uncovered that some of the existing nurse call units were over 20 years old and beginning to fail. Recognising patient care was of paramount concern, Sean reached out to Critico for a resolution. Given the majority of the current nurse-call units were in wards occupied by patients, and it would not be possible to vacate the wards prior to the installation of a new system, any solution would need to minimise patient impact.

## The Solution

After determining the need for an upgrade, Critico recommended a Courtney Thorne wireless nurse call system that would minimise the install time and cost of a traditional wired system. Installation of the new system was rolled out over almost 20 wards across 5 floors, including call-bells at each bedside, ceiling pull cords in showers/toilets and a main touch screen panel on each floor, supplemented by 4 – 5 scrolling dot displays in the corridors.





## Benefits

### Cost Effective

The wireless nurse call solution was a more cost-effective solution than a traditional wired system, negating the need for electrical contractors and reducing installation time and costs significantly.

### Hassle-Free

Install time was reduced to days rather than weeks and being wireless there was more flexibility in locating terminals, rather than being restricted by existing wiring. Importantly there was no requirement to vacate wards/rooms during the installation process and less disruption to patients.

### Critical Information Management

To improve patient response, critical information is displayed at a glance, allowing staff to easily see all calls in the queue, prioritized and timestamped. Each call's location is clearly identified in plain text, complemented by audio alerts, location mapping, and a live call list.

### Durable and reliable

The system is robust and built to withstand daily wear and tear, and is HTM08-03 compliant giving both staff and patients assurance it has been designed and installed to recognised standards.

## Final thoughts

A wireless nurse-call system delivers a more flexible and cost-effective solution, eliminating the need for additional contractors and extensive rewiring work. Crucially, the installation can be completed within days and without disrupting patient care.



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