Broomfield Hospital
Chelmsford, Essex

Broomfield is a large public hospital that, in 2010, underwent a £148 million modernization project to centralize services and enhance patient care. The new facility includes ultra-modern accident and emergency facilities, a new maternity unit, a helipad and several new wards.

PROJECT DETAILS

As part of the redevelopment, Broomfield selected the Herbert Group, a system integrator, to upgrade commercial wireless service throughout the facility. Zinwave’s in-building wireless technology was chosen to ensure optimal signal coverage for all major mobile networks as well as the hospital’s private paging system.

Key to the selection of Zinwave was its ability to support multi-operator services on a single hardware layer, making it the most affordable option. Zinwave’s all-fiber solution made use of the hospital’s existing cabling infrastructure, resulting in a deployment time of just three weeks with minimal disruption to infrastructure, services, staff and patients. Zinwave’s solution also made it possible to roll out additional services like LTE without costly or disruptive upgrades.

“The key decision in us moving forward with Zinwave was the vendor-agnostic approach,” said Barry Stannard, IT Operations Manager, Mid Essex Hospitals NHS Trust. “Zinwave’s low-profile installation and limited infrastructure requirements have meant a seamless transition, without disruption to our day-to-day working.”

VENUE

• 43,000 m² space
• 800 beds
• Large parking structures

SYSTEM

• 2 primary hubs
• 7 secondary hubs
• 53 remote units

SERVICES

• All commercial carriers
• 2G/3G/4G services
• Private paging

THE ZINWAVE 3F ADVANTAGE

Zinwave’s indoor wireless solution delivers three game-changing benefits.

FIBER BASED

Zinwave’s simple, elegant solution leverages a building’s existing fiber infrastructure and limits disruption to day-to-day activities during installation.

FULL SPECTRUM

From routine business communication to life saving emergency response, Zinwave is the only solution that supports all cellular and public safety frequencies on one hardware layer.

FUTURE READY

As smart buildings and BYOD become the new normal, Zinwave prepares your building for the future without the need for additional infrastructure investment.