



Beacon Hospital invests €500,000 in CAT6A Network

Leading Technology Installed By Kedington

The Beacon Hospital in Sandyford has installed a €500,000 CAT6a data cabling infrastructure, capable of delivering ten Gbit of data per second to any computer on the network. The Beacon is the first hospital in Ireland to install the leading edge cabling technology, supplied by Kedington.

This innovative networking technology has been installed to cater for the heavy data transmission loads, typical of hospital environments, and also to future proof the hospital by guaranteeing capacity to support a ten fold increase in data traffic when required.

The Beacon Hospital opened officially in October and has 183 beds. It is the first private hospital to be built in Dublin for 20 years. The hospital is expected to treat more than 17,000 patients annually, of which it is hoped up to half will be public patients. The Beacon offers a whole range of medical services, specialising in cardiology, oncology, radiotherapy and interventional radiology.

Kedington has installed 136 km of CAT 6a cable, 2.5 km s of fibre and 1,500 data points across the hospital. The fibre backbone connects all the floors within the hospital and also links the hospital with the Beacon Consultants Clinic, Beacon Dermatology and Beacon Renal, integrating all parts of the Beacon campus within a seamless network. All departments are wired in CAT6A structured cabling and are fully covered by wireless (WiFi) access points. Wireless access is also being used to support Wifi phones and mobile data access.

All departments of the hospital have been cabled with 10G cable, supporting operations, facilities, diagnostic imaging, clinical, patient records, drug administration, patients (internet access) and patient entertainment and staff training areas.

When making the decision to install the most effective cabling, it was vital to choose the most reliable cabling partner. Kedington was chosen for a number of reasons according to John Coronor, Associate Director Ethos Engineering who were responsible for the Mechanical and Electrical design of the hospital network, including data. "We wanted to install Systemax cable as it is the leader in the field. We quickly discovered that Kedington was the first Prestige Systemax BusinessPartner in Ireland - demonstrating exceptional technical expertise and commitment to the data networking market – and ahead of its peers by a long chalk," said Coronor.

"In addition, Kedington was able to present an impressive list of installed customer sites, all of whom spoke very highly of Kedington's knowledge and expertise."

Willie O'Connell, managing director, Solutions, Kedington is pleased with the way the project has developed. "We applaud Beacon Medical Group for its long sighted approach to using the best that technology available today. They did not stint in their technical requirements and opted for the most powerful and cost effective solution on the market.

"The decisions made today mean that the hospital has a huge data network capacity immediately. But it can also be scaled very quickly in the future. The best of both worlds for a world class hospital."

About Kedington

Kedington was founded in 1989 and was purchased by Denis O'Brien's Esat in 1999. In March 2003 an MBO, lead by Matt Porter and Colm Lyons was concluded taking the company back into private ownership. Matt and Colm managed to secure the entire Republic of Ireland operation, with offices in Dublin, Cork and Limerick, and kept the original management team together. Its customers have enjoyed a seamless change-over and continue to benefit from a huge wealth of expertise that still resides within the group.

For more information, please visit www.kedington.ie

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