

Ysbyty Ystrad Fawr Hospital, Caerphilly

Location: Caerphilly, Wales

Industry sector: Healthcare

Client: Lorne Stewart, mechanical and electrical contractors for Aneurin Bevan Health Board

Ysbyty Ystrad Fawr (YYF) hospital is a new building constructed for the Aneurin Bevan Health Board (ABHB) in Wales. This centre is the new local general hospital and has 100% single rooms with en suite facilities. Providing single bedrooms helps control infection, protects patient's privacy and dignity, and allows people to be admitted 24 hours a day without disruption to other patients.

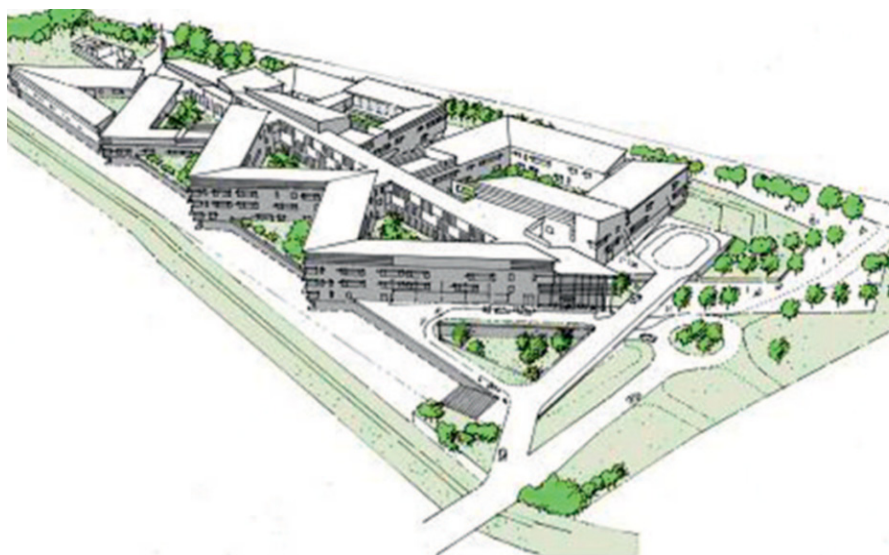
The YYF development is a key element of the Gwent Clinical Futures strategy, reshaping healthcare, allowing patients to have better access to a wider range of health services near their home.

Prior to securing the contract Trinity organised a full scale demonstration of how the fire and security systems

would be integrated. This was critical to the client to ensure that fire and security control systems, including control and monitoring of smoke dampers, were fully integrated and appropriate for this new development.

Trinity were able to provide a full bespoke system solution to meet the client's requirements, including fire detection, access control, CCTV and intruder alarm.

Chris Lloyd, Project Manager at Lorne Stewart commented 'Trinity were proactive in finding the right product solutions to do the job. They are a main technology centre for Gwent, who is a known quality fire detection manufacture that we have used in the past and we trust. Trinity were also able to find practical bespoke system solutions for the other demanding security requirements.'





The security protection systems utilise the Trust's IP infrastructure, thus minimising additional cabling, allowing flexibility of configuration and enabling a centralised systems database to be developed at Pontypandy, Wales. The grade 3 intruder alarm system integrates with the access control and CCTV systems to provide the complete security solution.

The fire detection system uses the very latest false alarm management technology and is designed to meet HTM03, the healthcare guide to fire detection in hospitals.

Future developments for the client include generating a cloud network security overview, where it will be possible to monitor all hospitals through one computer, as if you were in the building. This will allow global and local access depending on what role the individual has within the hospital.

Installed:

- 13 Fire alarm panels
- 51 CCTV cameras
- 109 Access control readers
- 3500 Fire alarm system devices