

CASE STUDY

TORBAY HOSPITAL CCU AND MAIN ENTRANCE

TOTUS



Sector: Health

Client: South Devon Healthcare NHS Trust

Scope of Works: Mechanical & Electrical Installation

Project Duration: 18 months due to complete January 2017

Contract Value: £2.4m



A complex, challenging and prestigious new critical care unit and main entrance building for Torbay Hospital providing state of the art intensive care facilities.

This project at Torbay Hospital consists of the construction of a new main entrance at Level 4, café, retail unit, reconfigured drop off area, covered walkways and a new 14 bed critical care unit at Level 5 including 4 dedicated isolation rooms for highly infectious patients, which aims to transform the delivery of care for both patients and staff.

Plant space is provided at Level 6, housing air handling equipment and packaged steam plant. Internally the critical care unit is designed in accordance with the current HTM/HBN guidance, with the main entrance providing a mix of Trust accommodation and commercial space.



CASE STUDY

TORBAY HOSPITAL CCU AND MAIN ENTRANCE

TOTUS

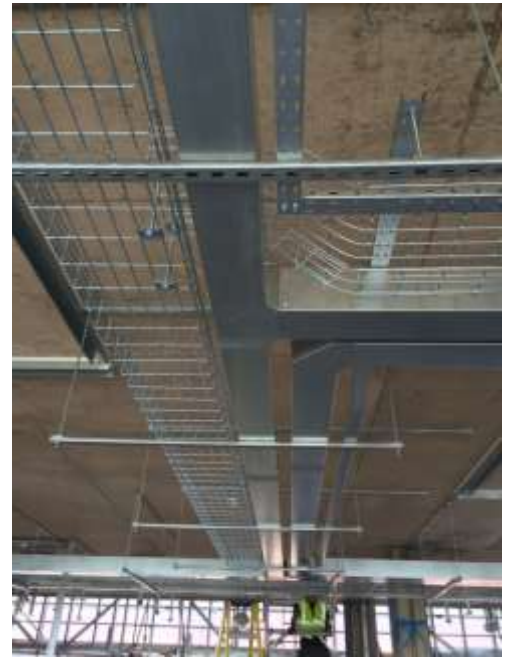
In addition this facility is provided with isolated power supplies, UPS and generator backed main supplies from multiple origins providing uninterrupted power supplies ensuring a continuous provision of patient services.

The total cost of this project will reach circa £14m of which £1.6m has been raised and donated by **Torbay Hospital League of Friends**

Obstacles Overcome

In collaboration with the Interserve Design Team and Hoare Lea Consultants the Totus Pre-Construction Design Team were appointed at the early stages of the project due to the complex multi-service facilities being provided within a working hospital environment.

Totus have spent considerable time on the pre-construction design co-ordination to ensure all services could be installed within the limited service voids and co-ordinate with existing site services with minimal disruption.



Services Provided:

- Steam and Condensate
- LTHW Heating
- Mechanical Ventilation Systems
- Chilled Water
- Heat Pump Air Conditioning
- Domestic Water Services
- Above Ground Drainage
- IT Structured Cabling
- Access Control & CCTV
- Fire Detection and Alarm
- Nurse Call System
- TV
- IPS & UPS Systems
- Induction Loop