



Creative
environments



Image courtesy of Vanguard Healthcare Solutions

Glamorgan Hospital

Client: Vanguard Healthcare Solutions | **Location:** Ynysmaerdy, Wales

Value: £5m | **Services:** Building Services (MEP)

The Brief

ONE's mechanical and electrical engineers were commissioned by Vanguard Healthcare Solutions for the M&E solution of a high-spec healthcare facility at Glamorgan Hospital in Ynysmaerdy, Wales.

Project Overview

The hospital facility contains four operating theatres, an eight-bay recovery ward, a six-bay recovery ward, a reception and waiting area, consultation rooms, staff welfare and changing facilities, as well as dedicated storage areas. Designed and delivered on a fast-track program, the entire project was completed in just nine weeks from start to finish, using modern methods of construction.

A strong focus was placed on sustainability and operational efficiency by repurposing as many existing components as possible, minimising waste, reducing costs, and significantly shortening lead times.

The project faced a few challenges, including a short nine-week delivery timeframe, a constrained site, and the complexities of working within a live hospital environment. These were overcome through fast-tracked design and construction processes, efficient logistics planning, and just-in-time material deliveries to manage limited space.

Strict infection control measures and close coordination with hospital staff ensured that construction activities did not disrupt ongoing clinical operations, maintaining patient safety and service continuity throughout.

This project complete in June 2025.



Image courtesy of Vanguard Healthcare Solutions

The Benefits

Experience working in a live environment – The team understands the complexities of safely delivering a project in a live site while ensuring there is no disruption to services as the work is undertaken.

Delivering on time and budget – ONE's team works quickly and efficiently to meet our clients' requirements to enable them to deliver their vital services.

A wealth of healthcare knowledge – ONE's clients benefit from ONE's extensive experience in the healthcare sector, with the team bringing this knowledge and expertise to every project.

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