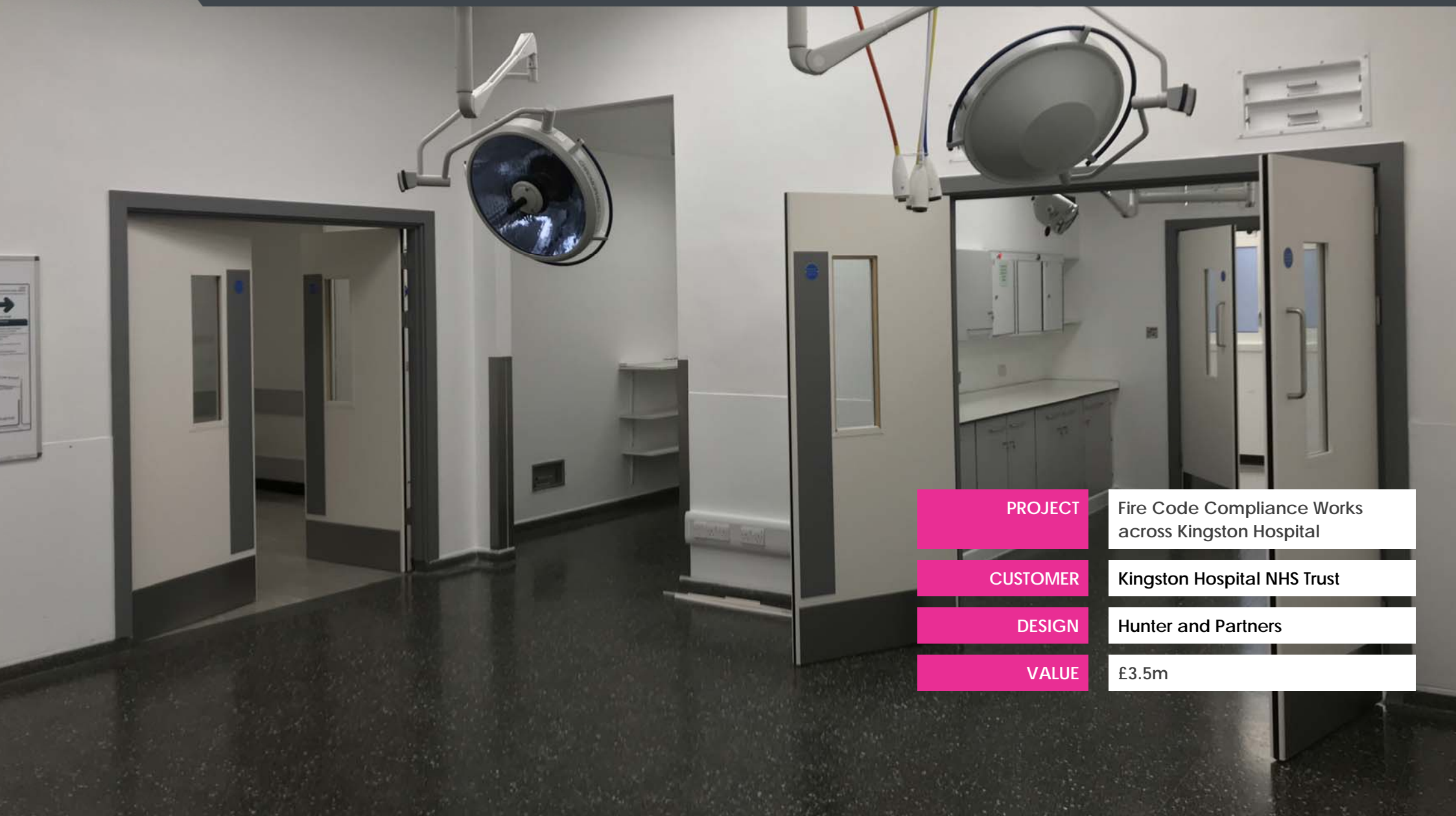


Agile Retrofit

Kingston Hospital FRA



PROJECT

Fire Code Compliance Works
across Kingston Hospital

CUSTOMER

Kingston Hospital NHS Trust

DESIGN

Hunter and Partners

VALUE

£3.5m

Issue

For owners and operators of public buildings, assuring continued safe operation and use can be a challenge.

Whilst new buildings will comply with current regulations, subsequent enhancements, alterations and even normal wear and tear can erode compliance.

At Kingston NHS Trust essential upgrade works were required for continued fire safety compliance. Balancing patient's needs with construction during the inevitable disruptive works was critical.

Solution

The 7 storey Esher Block, housing essential surgical wards, required significant improvements. Degraded fire doors had to be replaced, new fire stopping was necessary where post build works had compromised integrity and fire duct dampers had to be installed to meet current regulations.

In conjunction with this, each room was redecorated to reduce future disruption and refresh the patient environment. As a 'good

will gesture' we also redecorated communal corridors and stairwells.

Theatre space is a valuable commodity and minimising the time out of use was critical to the NHS Trust. Sequencing of the works ensured each area was completed and handed back before the next area commenced.

Our challenge was assuring quality and patient safety whilst completing the work within the tight time and space restrictions.

Decision Making

Efficient decision making was crucial. From the start, a series of Fire Code Compliance Workshops were effective in agreeing the scope and the design. The workshops led to agreed protocols and developed trust and collaboration with customer's team and their designer Hunter & Partners. As a result decision making was streamlined.

Work programming took into consideration the 'winter bed pressures' and the busy day to day hospital environment. The team worked 24/7 to reduce the length of time theatres and wards were out of use.

'WhatsApp' became a valuable tool to expedite information flow and provide transparency between Kingston NHS Trust, Osborne and our Supply Chain. Decisions

were made quickly and, where necessary, escalated and efficiently resolved during critical day/night working. Accurate record keeping completed the process.

Logistics

Material deliveries required precision planning and rigorous quantity/quality control. By scheduling deliveries at night using a time slot booking system, disruption was minimised. Combining this with 'just in time' delivery the hospital continued to run smoothly.

Hospital Health and Hygiene

With the team working in operating theatres, infection control was critical. Timber hoarding with double sided plastic screens, microfibre towels and Hepa Vacuums were all used to control airborne dust and germs. Double bagged disposal contained contamination.

Outcome

The team's agile approach enabled Kingston NHS Trust to achieve their essential fire upgrade improvement whilst keeping the operating theatres and wards open and safe to use