

LIVE CRITICAL POWER UPGRADE

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St Helier Hospital in Carshalton, Surrey, is part of the Epsom and St Helier University Hospitals NHS Trust. Serving over 400,000 residents the hospital provides a full range of medical and specialist services including a busy 24-hour accident and emergency department.

Major NHS hospitals such as St Helier have a substantial and growing reliance on a wide range of IT services, many of which are critical for patient care. St Helier's IT environments had grown organically over the years and the existing critical power infrastructure needed upgrading to meet current and future needs, together with an overall improvement of the surrounding physical environment management.

With proven, award winning experience with delivering upgrades within live critical environments, Keysource were able to develop and plan an approach which ensured that the live operations were maintained whilst the new infrastructure was installed.

Keysource completed the project within a strict programme with zero downtime.

EPSOM AND ST HELIER UNIVERSITY HOSPITAL CASE STUDY



KEYSOURCE

KEY HIGHLIGHTS

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The project included:

- Live critical power upgrade delivered on time and with zero disruption or downtime to the existing facilities or operations.
- The new modular and resilient critical power solution delivers concurrently maintainable infrastructure.
- The IT & Estates team now have visibility of all power infrastructure and assets via the monitoring tool.
- Legacy infrastructure was safely decommissioned and removed as part of the project.

MONITORING

A key ongoing requirement of the hospital's estate management team was a toolset which would improve management and performance of the critical environment in order to ensure it remained fit for future needs.

After fully understanding the requirements and customers' needs KeySource delivered a monitoring solution which provides comprehensive and reliable information on capacity and resilience. It also allows future changes to be planned and modelled to ensure all impacts are considered when evaluating options.