




Modular Data Centre Upgrade for Ealing Hospital

Salute supported London North West University Healthcare NHS Trust with a live upgrade of Ealing Hospital's data centre, increasing capacity, efficiency, and resilience without disrupting ongoing services.



Project data

-  **Deployment location:** Ealing Hospital, London, United Kingdom
-  **Deployment Type:** Live data centre upgrade and modular capacity expansion
-  **Key Capabilities:** Modular UPS deployment, close coupled cooling, live upgrade, scalable M&E infrastructure

Our customer's business priority

- Increase data centre capacity to support current and future requirements.
- Improve operational efficiency and resilience of mechanical and electrical infrastructure.

Problems our customer faced

- Complex lifecycle replacement required within a live, operational environment.
- Limited space and flexibility in existing plant rooms and data centre footprint.

Solutions provided by Salute

- Redesigned data centre to create modular infrastructure allowing incremental capacity growth.
- Deployed Modular UPS System N+1 with 10-minute autonomy and External Maintenance Bypass.
- Installed Close Coupled Cooling System N+1 for high efficiency and resilience.
- Relocated critical infrastructure to free up valuable plant room space, all completed with zero downtime.

Business Impact

- **Increased data centre capacity and flexibility**
enabling incremental growth while maintaining full operational uptime
- **Enhanced efficiency and resilience**
optimising M&E systems and freeing up plant room space for future requirements