

The **co-operative**

Case study

The Co-operative Pharmacy

Location: Meir Park,
Stoke-on-Trent

Project Value: £400,000

Site Size: 20,000m²
approx.

Data Centre: 2 x 25m² pods

Duration: 4 week turnaround

About

The Co-operative Pharmacy is one of the UK's largest community pharmacy groups with over 470 branches nationwide. Their business is dedicated to providing the highest standard of healthcare to local communities everywhere.

The brief

The Co-operative Pharmacy required a reliable communications infrastructure for the successful dispatch and delivery of prescriptions and over-the-counter products to almost 500 chemists throughout the UK.

Sudlows were asked to design and build two mission-critical data centre pods for full support of all operations at The Co-operative's National Distribution Centre.



The Sudlows solution

By having Independent Contractor Status for the project and a portfolio of top manufacturing partners including; Riello, Knürr, Molex and Airedale, Sudlows were able to recommend the most innovative technical design specifications and offer the best products on the market.

Our expert engineers carefully constructed two separate 25m² data centre pods as central hubs for the facility. These were positioned at opposite ends of the large warehouse space for resilience and maximum power efficiency, reflecting our total commitment to managing optimal operating levels for data centre efficiency.

The location of the free-standing hubs was a preliminary concern to the data centre project managers, who were concerned that extensive frontage to lorry parks, circulation roads and motorway networks posed risks of penetration to the data shell.

Our design team sourced and incorporated 100mm thick ModuSec panelling with steel lining into the data centre infrastructure to strengthen the exterior fabrication and prevent any penetration. This durability minimises the risk of impact to both mission critical facilities.

Sudlows are active advocates of energy efficient principles and monitoring these levels is important to lowering energy consumption. So in meeting changing environmental cooling requirements, expert monitoring and fire suppression equipment was built-in to manage the operating temperature and humidity levels.

The final specification cuts no corners; it delivers optimised dual power supply to the data cabinets for the most innovative and resilient facility.

The conclusion

John Nuttall, Managing Director at The Co-operative Pharmacy, commented on the success of the data centre project;

“On behalf of myself and the Healthcare Executive, I would like to thank Sudlows for the tremendous effort and hard work put into this outstanding facility. As we go through the migration process, I am confident that The Co-operative Pharmacy will emerge with a world-class facility, many thanks to an excellent project delivered ahead of the original timeline.”



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