# Reducing costs and enabling future growth for Brightsolid

Salute delivered a 1,700 m² Tier III modular data centre with 2 MW across 400 racks, integrating energy-efficient cooling, monitoring, and robust security to ensure resilient operations.

**SALUTE**

## Project data

📍 **Deployment location:** Aberdeen, UK

🏢 **Deployment type:** Tier III modular data centre

🗄 **Scope:** 1,700 m², 2 MW capacity, 400 high-density racks, advanced cooling, security, and monitoring

### Our customer's business priority
- Deliver resilient, high-performance infrastructure for local businesses and the energy sector
- Support high-density compute and secure, energy-efficient operations

### Problems our customer faced
- Rapid delivery required within a tight timeframe
- High-density infrastructure needs up to 25 kW per rack
- Complex operational requirements including energy efficiency, monitoring, and security

### Solutions provided by Salute
- Delivered 1,700 m² Tier III modular data centre with 2 MW capacity across 400 racks
- Implemented through-wall cooling (Ecofris) for energy efficiency
- Central Building Monitoring System for real-time reporting
- Advanced fire detection/suppression (IG55, VESDA, FM200)
- Two-factor access control, 24×7 CCTV, and on-site security

## Business Impact

➤ **High resilience and operational reliability**
ensuring uninterrupted service for clients and critical sector operations

➤ **Energy-efficient, scalable infrastructure**
reducing operational costs while providing flexibility for future expansion