

Hampshire Data Centre



SSE Data Centres own and operate high specification UK Co-location data centres. Our facilities offer exceptional build quality with a focus on customer service and best practice.

Our high availability and high density proposition has already helped us to attract prestigious clients such as Thomson Reuters and Kingfisher.

SSE Data Centres is part of SSE, a top FTSE 50 organisation and the UK's broadest based energy company. Designing, building, operating and supporting national critical infrastructure is core to SSE, and SSE Data Centres is a natural extension of all its network businesses; power distribution, power transmission, utility solutions and Telecoms.

- ✓ High Powered
- ✓ Reliable Infrastructure
- ✓ Flexible Build Options
- ✓ High Security
- ✓ Hyper Connected
- ✓ Financial Strength

High Powered

- Dual (2N) 8 MVA supplies traceable from separate and diverse 400kV HV supply points with an on-site ring
- Minimum of N+1 concurrently maintainable power infrastructure
- Uninterruptible Power Supply (UPS) with separate systems supporting plant and IT Load
- Up to 12 kW per rack with the ability to flex to 30 kW
- 5 x 2.2 KVA generators supplying minimum of N+1 concurrently maintainable standby, supported by 72 hours on-site resilient diesel storage
- A and B feeds to all racks, with single and three phase distribution options available
- Mechanical and Electrical (M&E) infrastructure systems monitored via BMS
- Power energy management system monitoring and recording of all electrical supplies from intake to rack
- 100 kW rooftop solar photovoltaic green energy generation

Hyper Connected

- Carrier neutral – 5 different carriers currently available
- Diverse site entries
- Dual carrier “meet me rooms” cross-connected internally
- Multiple wavelength and Next Generation Ethernet for multiple internet access options
- High speed access to 140 additional data centres across the UK

Flexible Build Options

- Multiple private data centre suites and/or individual racks in shared suite
- Short lead times
- Site capacity for 50,000 ft² of net technical space
- Pre-configured or bespoke solution options
- Raised access flooring throughout, with 12kN UDL rating

High Security

- Anti-ram Vee entry gates, anti-climb fencing and protective landscape
- Comprehensive internal and external monitored and archived CCTV
- 24 x 7 x 365 manned security
- Permit to work access controls, ID verification process and man-trap entries
- Bespoke Performance Optimised Data Centre (POD) and rack access options including biometric and capability to be remotely managed
- Area access controls and alarms

Reliable Infrastructure

- High availability 2N CRAC units (Computer Room Air Conditioning), backed up by both UPS battery systems (due to high density cooling) and HV generator sets
- CRAC units fitted to exterior of POD's ensuring separation of water services from technical areas, 2N availability
- Free cooling technology deployed on chiller plant
- Multi-stage Very Early Smoke Detection Apparatus (VESDA)
- Multi point addressable fire detection systems supported by Gas suppression within the POD's
- Constructed with fire rated steel clad wall panels with no wet services in technical areas
- Cold Aisle Containment as standard allowing for more efficient management of the technical environment
- Regulated, controlled and monitored temperature and humidity within the cold aisles

In-house Support

- In-house 24x7 on-site M&E engineering support with BMS management
- 24x7 x 365 manned and additional remote managed service support options
- In-house Data and Telecoms infrastructure services
- Customer service review programs
- Full planned preventative maintenance program
- Packing material disposal and recycling facilities

Convenient Location

- Just over an hour from London, situated between Portsmouth and Southampton
- Excellent transport links
- No exposure to key environmental risks
- Shared and private office with technical build areas available
- Site car parking and on-site visitor amenities

Financial Strength

- Unparalleled financial strength from a £12bn capitalisation
- Consistent FTSE top 50 ranking
- A+ credit rating

Standards and Compliance

- ISO27001 and 9001 accredited
- Tier3 *** as accredited by the PTS Site Tier Allocation Rating System (STARS).
- Highest standards of health and safety management

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**SSE**
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