

Daisy Wholesale Colocation

Secure, scalable and reliable

Introduction

Colocation of mission-critical equipment within a secure data centre environment is fast becoming a key organisational priority to minimise the risk of disruption to business continuity. Daisy Wholesale data centre facilities are built and managed to the highest industry specification to provide customers with access to highly secure, scalable, high power rack and suite environments. Being hosted in a Daisy Wholesale data centre facility gives direct access to the Daisy Wholesale network allowing customers to enjoy lower latency services and high speed access via our upstream carriers and international peers.

Overview

Environment

- ✓ Space for up to 1500 racks
- ✓ 15MW of power delivered via resilient feeds from different points of the National Grid
- ✓ Up to 25kW available per rack
- ✓ VESDA Early Warning Smoke Detection
- ✓ FM200 Fire Suppression
- ✓ Power Usage Effectiveness (PUE) at 1.6 – 1.7, one of the lowest carbon footprint facilities in the UK
- ✓ Multiple backup generators and UPS
- ✓ Cold aisle containment
- ✓ N+1 Airdale Air Handling systems
- ✓ 20°C – 25°C (+/- 2°C) data floor temperature
- ✓ Capability to support requirements ranging from 1U through to individual 120+ rack secure suites
- ✓ Modular formation allowing for rapid expansion

Security

- ✓ Manned by security personnel 24x7
- ✓ CCTV
- ✓ Perimeter fencing and secure gated entry system
- ✓ No un-authorised pedestrian access
- ✓ Multi-level entry system

Connectivity

- ✓ Direct access into the Daisy Wholesale network
- ✓ Options for connectivity into London data centre and public/private peering services
- ✓ Close to motorway, rail and airport transport links
- ✓ 24x7 on site, remote hands support available
- ✓ Meeting room facilities
- ✓ Rest area and kitchen facilities
- ✓ Dedicated suites and office space available



The Benefits

- ✓ Highly secure, carrier class data centre facilities
- ✓ Tier 1 network stability and reliability
- ✓ Fully scalable with room to grow as your requirements change
- ✓ Direct access to the Daisy Wholesale network
- ✓ Redundant, high power availability
- ✓ On site remote hands 24x7
- ✓ Fire suppression and advanced cooling



Security

The Daisy Wholesale South Coast Data centre is one of the most secure colocation facilities in the UK. The site is guarded by 24x7 manned security with other features including anti-ram Vee Gates, gated pedestrian access, anti-climb fencing, perimeter and internal CCTV, access control and man-trap entries.

Cooling

The facility has a minimum of N+1 concurrently maintainable chiller plant and pump sets. It utilises leading edge Airedale "free cooling" devices with CRAC units fitted to the exterior of suites ensuring separation of water services.

Power

The facility receives resilient power feeds from two diverse points on the National Grid, Southampton and Portsmouth. The feeds are resiliently delivered into separate transformers backed up by 2MW diesel generators. There is sufficient fuel to keep the site fully operational for up to 72 hours and UPS battery backup to power the facility whilst the generators start.

Fire Detection & Suppression

The facility has multi-stage Very Early Smoke Detection Apparatus (VESDA) with an FM200 gas suppression system.

Data Floor

The facility has high power and cooling densities up to 25kW/100amps per rack. Suites are constructed with fire rated steel clad wall panels. Internally the racking system in place allows high efficiency and management of cooling using aisle containment. The raised floor has a 12KN per square metre UDL rating.

The facility is a Tier III+ data-centre with numerous Tier IV aspects eg: diverse and disparate power, separate grid feeds, physical access security levels.

Meeting Room & Office Facility

There are location based meeting room facilities available for hire. Should there be a more permanent requirement there are options to rent office space within the facility.



helping your business **grow**

For more information on how Daisy Wholesale can help

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