Datasheet

Woking Colocation

Courtesy:Digital Realty

The facility is within a high security grade building, with high power and cooling density. Customers have a choice of multiple network carriers offering flexible connectivity and a resilient dark fibre connection between the Woking DC, the Redhill DC and Telehouse locations, delivering a high availability, triangulated network optimised for data synchronisation and replication as well as disaster recovery.

This document provides details about our Woking Data Centre and its capabilities.

SPACE

- 718m² of raised floor
- Slab-on-grade (concrete) floor with remote water detection monitoring
- Rittal TSIT 600 x 1000 cabinets
- Cages available
- Floor loading - 10 kN/m²

POWER

- 1440 kW
- N+N providing 1650kVA each stream (1440kW) 6 minute battery, 10 year life Via3No.550kVA units each side.
- N = 3No.1500KVA HV Sets with one common spare
- PDU - 14No. A and 14No. B Row End PDU's

ENVIRONMENT

- Cooling - Optimised Free Cooling Chilled Water N+2 plant
- Direct Steam Injection from AHU's
- Temperature range control - 22 +/- 2°C measured at DFU supply air
- Humidity Control - 30%RH to 70%RH measured at DFU supply air

MONITORING

Fire Systems:

- Early-warning VESDA fire detection system, as well as smoke and high temperature detectors
- NOVEC fire suppression system

Control Systems:

- Foreseer Monitoring system used for monitoring the facility's internal environment, power and HVAC, etc.
- NOC and Facilities personnel onsite 24x7x365

Physical Security:

- Mandatory visitor registration and visitor escorts, as well as mandatory employee badge access
- Dual authentication required for access to the building
- Dual authentication required for access to the data center
- 7x24x365 video surveillance /recording for inside the building

TELCO

- Diverse routes into site. Two 'Meet Me Rooms' on opposite sides of the building
- We have our own IP address space and autonomous system number, and are running Border Gateway Protocol with full Internet table routes to ensure dynamic re-routing of data if any links areinterrupted

Network Carriers

- Virgin
- Level 3
- Vtesse
- Zayo/Abovenet
- Colt
- Verizon Business
- BT
- EU- Networks
- Easynet
- Geo

PREVENTION/RECOVERY

- Generator sized to run entire site at full load for 72 hours
- Two dedicated refuelling contracts
- Systems monitored on-site and by Network Operations Center (NOC)

MONITORING

- Customer IT infrastructure monitored by two redundant NOCs staffed 7x24x365
- Third party maintenance audit and verification managed and monitored by Ascent Corporation through IBM's Facilities Management System insuring all maintenance is done at proper intervals
- Extensive array of monitoring tools, including leading commercially-available tools and proprietary tools
- Technology agnostic (can receive events from a variety of sources, including agent-based and agent-less, SNMP, MIB, MIB2, OpenView, etc.)
- Customer has the ability to use a management portal to view both event and performance data
- Facilities monitoring on all critical electrical components and HVAC
- Monitoring and logging on card access system, logs reviewed monthly (per audit)

SECURITY

- Offices/common areas isolated from the data centre
- On-site, 24x7 security staff
- 24x7x365 video surveillance

Why choose RE Cloud

We provide datacentre technology infrastructure solutions and services that solve complex business challenges for coporate clients in the UK and Europe. At Richardson Eyres we are comitted to understanding our customers' business processes and helping them advance their corporate strategies using technology. Our established Cloud and Managed Services business is delivered by highly qualified technical experts, built on a foundation of 28 years infrastructure services

We have created RE Cloud from a foundation of 28 years in infrastructure services. In that time we have supported many of the world's largest banks, pharmaceutical companies, law firms, construction companies, software, retail and online businesses.

They trust us because we hold the highest accreditations with the main IT vendors and deliver on our promises. That confidence in our capabilities has translated to the cloud services division, with both new and existing customers leveraging the portfolio of offerings.

We have grown steadily through reputation and hard work, not through acquisition or private equity. We are a privately-owned UK company and debt free.

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