Redcentric Reading data centre

Redcentric Reading data centre is embedded in our high availability, multi-meshed MPLS network. Combining the very latest cooling technologies, an energy efficient infrastructure, fully resilient network equipment and rigorous security, this strategically designed facility offers organisations cost-effective ISO-certified hosting services. It is one of only 5% of UK data centres offering next-generation technologies, and our core network connects with other major network providers and provides multiple routes.

Overview

- 350 racks
- Colocated pods/racks and private suites
- 15,000 sq ft
- Highly resilient, N+1 redundancy
- Carrier neutral
- Direct access circuits to Redcentric's 100Gb core network
- Access to virtual server hosting and managed data services
- Redcentric staff are on-site 24/7/365

Security

- 24/7/365 CCTV onsite and HQ-based monitoring
- Schneider CCTV door access
- Single person, card-access entry
- Intruder alarms
- 24/7/365 manned security
- PCI DSS compliant for physical hosting services
- Processes and procedures are ISO 27001, ISO 14001 and ISO 9001 certified

Power

- 3 x 750 kVA generators
- Up to 3MW of power into data centre
- 3-8KW per cabinet
- Redundant feeds to cabinets
- N+1 backup generation, with an N+N UPS systems
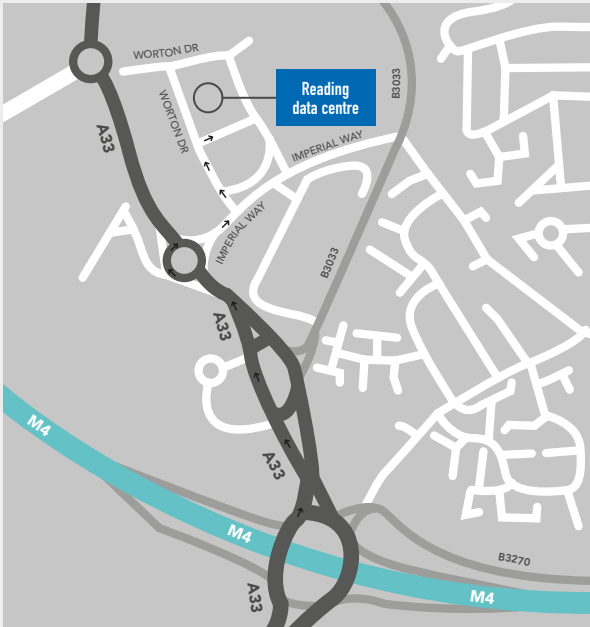
Fire protection

- IG55 inert gas fire suppression system
- Network-monitored, highly sensitive VESDA fire detection system

Cooling

- Leading edge cooling and energy management technologies
- Ultra-efficient Weatherite free air cooling system
- Rittal cold aisle containment units
- Designed to achieve PUE of 1.25

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AGILE • AVAILABLE • ASSURED

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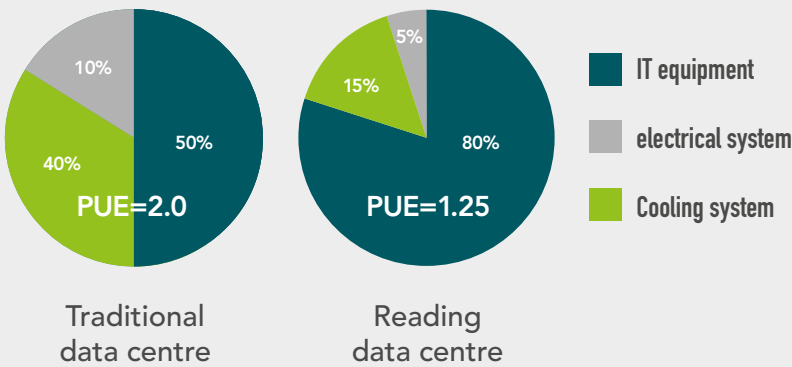
3-5 Worton Drive
Reading
Berkshire
RG2 0TG

SAT NAV ref: RG2 0TG

How to find us: Exit the M4 at Junction 11. Take the A33 towards Reading.

Follow the A33 for a quarter of a mile, turning right at the roundabout signposted Worton Grange Business Park onto Imperial Way. Follow Imperial Way and take first left onto Worton Drive.

Redcentric's Reading data centre is approximately half a mile along the road on the right, opposite Static Control Components Ltd.

Power usage effectiveness (PUE)

PUE=2.0
Traditional data centre

PUE=1.25
Reading data centre

- IT equipment
- electrical system
- Cooling system

The overall efficiency of a data centre can be determined by its PUE – the lower the PUE, the higher the efficiency. The PUE is calculated by dividing the amount of power entering a data centre by the power used to run the computer infrastructure within it. An efficient but traditional data centre will have a PUE of 2 or above.

The next generation of data centres have significantly lower PUEs, saving some 40% in power costs. Redcentric's Reading data centre has been designed to deliver a PUE of 1.25.

Redcentric at–a–glance

Redcentric is a managed IT service provider – your partner for your cloud, connectivity, communication and cyber security needs.

With more than 500 highly skilled employees serving over 1,500 customers across the UK, transforming and managing mission-critical infrastructure, with a comprehensive product portfolio that delivers assured availability, organisational agility and smarter working.

Our extensive experience across the public and private sector enables us to guide you and provide you with end-to-end management, total control, accountability and a single point of contact, with solutions delivered across our own network, platforms and data centres.

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