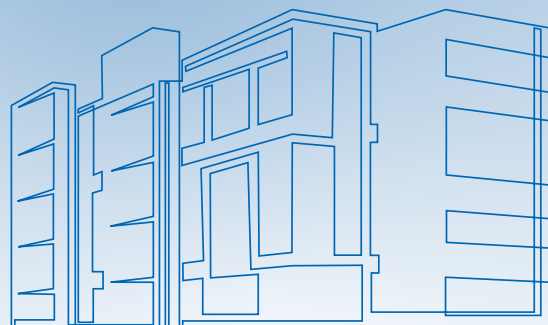# Woking
Data Centre

Redcentric's Woking data centre is strategically located just off the M3 corridor, in proximity to London and Heathrow Airport, and is well placed to serve the south of England. The facility adheres to the highest levels of security and standards, delivering to a minimum of N+1 on cooling and power, ensuring redundancy, reliability, and efficiency, along with a highly connected carrier neutral connectivity ecosystem. This strategically located facility offers cost effective ISO-certified racks and cages, and is powered by 100% renewable energy sourced solely from solar, wind and hydro.

General

Gross size of data centre (m²)	18,580
Net customer space (m²)	2,389
Building type	Type-2 steel framed industrial – non-combustible
Building tenure	Sub-Lease
Number of data floors	1
Number of IT Zones	1
Maximum floor load capacity (kg/m²)	1,500
Maximum raised access floor height (mm)	600
Raised floor to ceiling height (m)	3
Number of passenger lifts	1
Number of goods lifts	1
Good lift maximum load (tonnes)	5
Separate delivery bay	Yes
Build/unpack room	Yes
Office space	Yes

Security

Type of security system	Proximity + PIN/CCTV
Staffed 24/7/365	Yes

Fire Detection & Suppression

High sensitivity smoke detection system	Yes
Type of fire suppression	Data halls – water mist Technical rooms – gas

Air Conditioning & Cooling

Type of cooling system	Chilled water DFU
Number of chillers	4
Maximum cooling capacity (MW)	4@N
Cooling redundancy	N+1
CCUs or in-row cooling	CCU

Power

Number of independent supplies into the building	2
Total incoming feed capacity (MVA)	4.5
Generator fuel at full load (hours)	72
UPS type	Static
UPS autonomy (minutes)	10
UPS capacity (kW)	1,000
UPS redundancy	N+1
Generator redundancy	N+1
Generator capacity (MVA)	4

Connectivity

Number of entry points into building	5
Number of Meet Me rooms	1

Certifications

ISO 27001 Information Security Management	bsi. ISO/IEC 27001 Information Security Management IS 603187
ISO 9001 Quality Management	bsi. ISO 9001 Quality Management FS 603185
PCI-DSS Payment card industry data security standards	PCI DSS COMPLIANT
CE/CE+ Cyber Essentials	CYBER ESSENTIALS CERTIFIED
CPNI Critical Protection for National Infrastructure	CPNI® Centre for the Protection of National Infrastructure

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Other Redcentric data centres

Our highly resilient and secure data centres provide colocation racks, cages, and suites to both SMB and Enterprise organisations. All are conveniently located and offer excellent multi-carrier connectivity.

London West data centre is strategically located in Hounslow, just off the M4 corridor, close to London and Heathrow Airport. The facility adheres to the highest levels of security and standards, delivering to a minimum of N+1 on cooling and power, ensuring redundancy, reliability and efficiency, with a carrier neutral connectivity ecosystem. This strategically located facility offers cost effective ISO-certified racks, cages, private suites, and complete data halls, as well as significant on-site office and DR space. It offers high density colocation (AI/HPC) capability up to 100kW per rack, and is powered by 100% renewable energy sourced solely from solar, wind and hydro.

West Yorkshire data centre is strategically located in Elland, in proximity to both Leeds and Manchester, and is well placed to serve the north of England. The facility adheres to the highest levels of security and standards, delivering to a minimum of N+1 on cooling and power, ensuring redundancy, reliability, and efficiency, along with a carrier neutral connectivity ecosystem. This strategically located facility offers cost effective ISO-certified racks, cages, private suites, and data halls, as well as significant on-site office and DR space. The facility offers high density colocation capability, with up to 30kW per rack, and is powered by 100% renewable energy.

London City data centre is strategically located in Shoreditch, City of London. The facility adheres to the highest levels of security and standards, delivering to a minimum of N+1 on cooling and power, ensuring redundancy, reliability and efficiency, with a highly connected carrier neutral connectivity ecosystem. This strategically located facility offers cost effective ISO-certified racks, cages and private suites, and is powered by 100% renewable energy.

Reading data centre is strategically located on the M4 corridor, and is close to London, Heathrow Airport and is well placed to serve the south of England. The facility adheres to the highest levels of security and standards, delivering to a minimum of N+1 on cooling and power, ensuring redundancy, reliability and efficiency, with a carrier neutral connectivity ecosystem. This strategically located facility offers cost effective ISO-certified racks, cages, and private suites, and is powered by 100% renewable energy.

Byfleet data centre is strategically located on the M4 corridor, close to London and Heathrow Airport, and is well placed to serve the south of England. The facility adheres to the highest levels of security and standards, delivering to a minimum of N+1 on cooling and power, ensuring redundancy, reliability and efficiency, with a carrier neutral connectivity ecosystem. This strategically located facility offers cost effective ISO-certified racks and cages, and is powered by 100% renewable energy.

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