

Dedicated Hosting Facility Security Location: Unicorn House, Bristol

Physical Location	
Building Information	Two storey converted industrial unit. Houses one of Kingston Communications national switches. Ceilings, walls, floors, and doors comply to RF90 in co-location areas and plant rooms
Hosting Floor space	Allocated co-location space 300m ²
Floor Loading Capability	Standard floor loading capability 5kn/m ² (500kg/m ²)
Raised Floor Specification	Hosting rooms have raised access floor with typical clearances of raised floor 550mm and floor to ceiling of between 2.2m & 3.5m

Security	
General	Security protocols are developed from ISO 17799 2005 Information Security Standard.
Site Security	The site has a Europlex 3GS intruder and integrated access control system, 54 intruder alarm zones, 9 doors on access control, 14 Panasonic CCTV cameras providing CCTV coverage of perimeter and common areas
Data Security	The servers are secured behind a multi-level firewall comprising of Cisco PIX and Checkpoint. Each firewall is monitored for, spoofed packets and oversized packets and all traffic is only allowed to pass based on statefull inspection to a rule base.
Data monitoring	The amount and type of data transferring through the data centre is logged and tracked with threshold controls alerting monitoring engineers of potential denial of service attacks and abnormal traffic trends.
Hardware and Software	All assets within the operating centre are tracked to the physical level with all ports and access points within the area controlled by MAC address to ensure non internal spoofing of equipment.
Penetration Tests	Penetration Tests will be under taken on a regular basis.

Facilities	
Fire Detection	The Co-location areas are fitted with a two stage fire detection system that monitors the under floor and ceiling void areas.
Fire Suppression	The fire suppressant gas is HFC227a. The system is linked to the air-conditioning system to shut down the system in the event of a activation of the fire detection system

Air-Conditioning Detail	The air-conditioning system is a 140kW system consisting of 2 off 70kW units each with 2 stages of cooling.
Electrical Power Supply	Single 11KV HV Supply
UPS Detail	400KVA Single UPS with Parallel Redundancy capability
UPS Autonomy	15 minutes on full load
UPS Maintenance	UPS is covered by Chloride Life Line Contract. UPS Batteries
Generator Detail	Single 1500KVA Generator
Generator Autonomy	24hr fuel tank capacity with refuelling contract
Generator Maintenance	Generator run monthly, with a quarterly on full load test
Hosting Racks	Standard server racks 600x1000x47U. 60% meshed doors with 4 point locking Electronic door locks with multiple codes

General	
Incident Management	All incidents are logged and a full risk analysis carried out to review operating procedures
Personnel	All engineers are vetted and have passed MOD Security checks. Only personnel which have been authorised have access to the client's equipment. Clients may request an authorisation list at any time.