

## GROUND FLOOR

### 1. Colocation Racks

600 (L) x 1000 (W) x 2130 (H)

The colocation racks inside the facility are available as full, or ¼ colocation cabinets. Each rack has an individual combination lock and is powered by it's own 32A commando socket. A+B power supplies are available on request giving increased resilience.

### 2. Power

Synergy House has it's own HV supply and substation enabling the facility to sustain high powered racks required by today's powerful servers.

### 3. Generators

4750 (L) x 1550 (W) x 2000 (H)

N+1 Scania Generators can take the full load of the building should a mains power failure occur.

### 4. Air Handling Unit

1835 (L) x 750 (W) x 1940 (H)

N+1 Airedale HVAC system provides redundant under floor cooling at a constant ambient temperature of 22degreesC and 50% humidity

### 5. Raised Floor

The Data Centre has a raised floor which is used to supply conditioned air via grilles in the floor tiles. The supported weight of the floor is 12k N/sqm and is raised by 500mm.

### 6. Floor Space

The Data Centre is split over 2 floors offering 7000 sqft net customer space.

### 7. Connectivity

Synergy House is located on Manchester Science Park which boasts the best available Internet connectivity in Manchester. A carrier neutral facility, Synergy is connected via a dark fibre ring into Teleticity Williams, Teleticity Kilburn and IFL. Having dual entry points into the building gives our customers a great choice of connectivity from Dark Fibre to carrier neutral tier1 and tier2 bandwidth.

### 8. Door Entry System

Secure door entry access control system

### 9. Closed Circuit Television

Closed Circuit Television is prevalent throughout the Data Centre with motion detectors and infrared sensors.

### 10. UPS Batteries

820 (L) x 830 (W) x 2000 (W)

Batteries for UPS system

### 11. Condensers

2470 (L) x 1090 (W) x 1500 (H)

Condensers for Airedale cooling system. N+1 Airedale condensers provide redundant under floor cooling throughout the building.

### 12. Uninterruptible Power Supply

845 (L) x 830 (W) x 1780 (H)

Chloride energy efficient UPS systems provide N+1 uninterruptible power to our racks with a 10 minute autonomy providing power protection from spikes and mains failures.

### 13. Fire Suppression

600 dia x 2000 (H)

FM-200 fire suppression reaches extinguishing levels in 10 seconds or less. Incorporated with a VESDA smoke detection system, provides the most efficient non-water based data centre fire detection/suppression system.



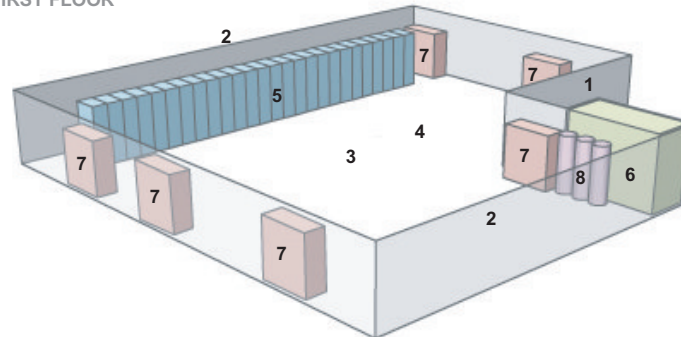
# Synergy House

The newly commissioned 'carrier-neutral' Synergy House has brought a further 7000 sq ft of premium data centre space to Manchester.

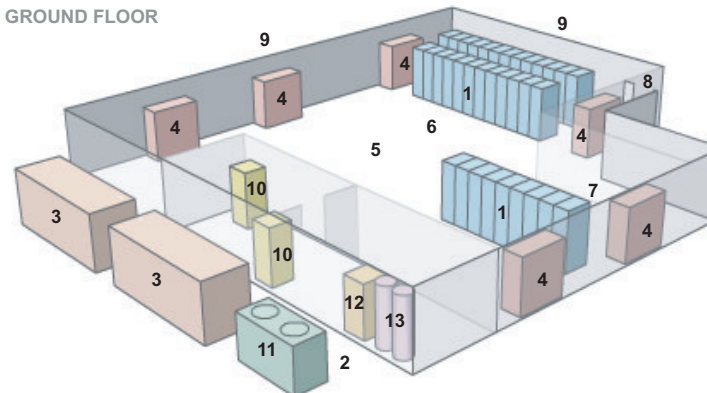
No.1 Synergy House provides two floors of tier II high end data centre space with fully redundant power, cooling and connectivity. Positioned on Manchester Science Park, Synergy House can supply your data centre needs from SME to corporate with individual 1/4 colocation cabinets up to fully enclosed suites.

Synergy House is serviced by a dual fibre ring providing a high availability, fully secure facility that welcomes colocation customers from all sectors.

FIRST FLOOR



GROUND FLOOR



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