

Redhill, UK data center



Navisite data centers

- Andover, MA
- New York City, NY
- Oak Brook, IL
- **Redhill, UK**
- Santa Clara, CA
- Syracuse, NY
- Woking, UK

Space

- Approximately 496m² of raised floor.
- Slab-on-grade (concrete) floor with remote water detection monitoring.
- Cages - locking chain-link cage space in 100 and 200 sq ft increments; custom space available for larger applications.

Power

- 1000 kW.
- UPS - N+N, providing 1600 kVA each stream (1440 KW) 6 minute battery, 10 year life. Via 2 No.800 kVA units each stream. Power Generation Capacity (kW): 1250.
- Generators - N+ 1 - 2 no. 1875 kVA LV Sets to meet load with additional swing (3 No.gen sets in total).
- PDU - A+ B Perimeter PDU's each containing 4 no. 250A outgoing.

Environment

- Cooling provided by free cooling, Low noise Chillers N+1, dual fed single loop heavyweight steel PN16 rated. Joints screwed and welded.
- Direct steam injection from AHU's.
- Temperature range control - 26 +/- 1.5 oC measured at CRAH return air.
- Humidity control via AHU. Relative humidity will be within ASHRAE guidelines 20 to 80%.
- On-site, 24x7 security staff.

Prevention / Recovery

- Generator sized to run entire site at full load for 24 hours minimum.

- Systems monitored on-site and by the Navisite® Service Center (NSC).

TELCO

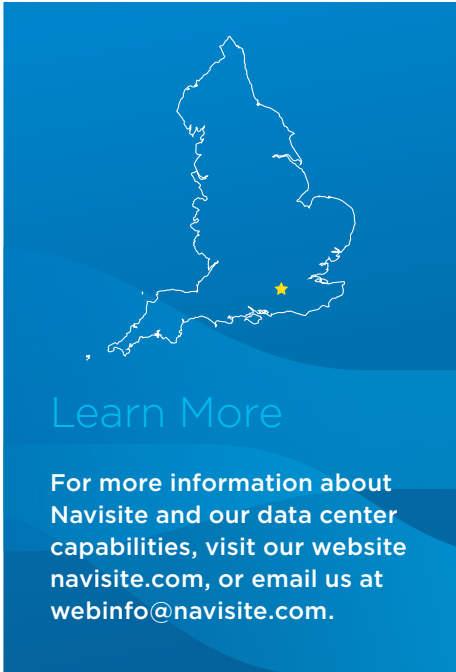
- Diverse routes to site. Two 'Point of Presence' rooms located on opposite sides of the building.
- Navisite has its own IP address space and autonomous system number, and is running Border Gateway Protocol with full Internet table routes to ensure dynamic re-routing of data if any links are interrupted.

On-network Carriers

- BT
- Colt
- Level 3
- Virgin
- Vtesse
- Zayo
- Verizon

Monitoring

- Client IT infrastructure monitored by two redundant NOCs (NSC and IT SOC) staffed 7x24x365.
- Extensive array of monitoring tools, including leading commercially-available tools and Navisite proprietary tools.
- Technology agnostic (can receive events from a variety of sources, including agent- based and agent-less, SNMP, MIB, MIB2, OpenView, etc.).



- Client has the ability to use NaviView 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).

Fire Systems:

High pressure water mist system to the Data hall and UPS rooms. The system is a double knock dry pipe system. Dry-pipe, pre-action, double interlock fire suppression system.

Control Systems:

Foreseer Monitoring system used for monitoring the facility's internal environment, power and HVAC, etc.

Physical Security:

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

About Navisite

Navisite, Inc., a part of Spectrum Enterprise, is a leading international provider of enterprise- class, cloud-enabled hosting, managed applications and services. Navisite provides a full suite of reliable and scalable managed services, including Application, Cloud Desktop, Cloud Infrastructure and Hosting services for organizations looking to outsource IT infrastructures to help lower their capital and operational costs. Enterprise customers depend on Navisite for customized solutions, delivered through an international footprint of state-of-the-art data centers. For more information about Navisite's services, please visit navisite.com or navisite.co.uk.