

VTESSE LOCATE data sheet

Location

Hoddesdon
Hertfordshire

By road

- 51Km London Docklands
- 34Km London City

Key Features

- 2,500sq.ft. data hall
- 5MVA diverse 11kV supply. Upgradeable to 11MVA.
- Communal or caged space
- 1 – 5Kw per rack
- Diesel backup generators
- Uninterruptable power supplies
- Energy efficient cooling
- Wide range of communications options

Associated Services

- Bespoke connectivity services (see overleaf)
- ETHER/IP
- ETHER/LIGHT
- Public Internet access
- Basic Internet services
- Managed Firewall services
- Remote site VPN access
- Remote worker VPN access

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Energy efficient, reliable, secure, well connected co-location



The Vtesse **Hoddesdon Data Centre** provides for a wide range of customer co-location and hosting needs. **"Hall One"** is one of five halls within the facility and is designed for customers wishing to co-locate between 1 and 100 racks of computer, storage and networking equipment in communal managed space, or in cages within that space.

Hall One provides affordable co-location, reliable power and cooling and best in class communications facilities for low and medium density equipment configurations requiring up to **5 kilowatts per rack**.

Power and cooling

Power and cooling services are provisioned in **n+ 1** configuration ensuring high levels of service availability.

AC supplies to each rack are further protected by **UPS** systems and **diesel generators**. The site enjoys diverse 11kV feeds to twin substations. Up to 11MVA of power is available.

Sustainable energy supplies may be arranged as required.

On-site generators provide failover for National Grid power and are rated to match the available power to the site. Generators are configured to provide n+1 redundancy, and are designed for continuous operation.

The fuel storage tanks provide for 24 hours of operation at full load. The site enjoys an 8 hour priority service level agreement with its two fuel suppliers.

Internally, all power distribution, Uninterrupted Power Supplies (UPS), Heating, Ventilation, Air Conditioning (HVAC), fire suppression and building management systems are configured to provide n+1 redundancy.

UPS systems protect against power failure and provide continuous supply to IT loads until generators take over

Communications

Communications facilities in Hall One are provisioned to site using Vtesse's own national fibre optic network. The Vtesse Network offers **IP VPN, Ethernet and Optical Wavelength services** to national and international destinations.

Managed firewall and Remote VPN services are also available.

Equipment co-located in Hall One is easily connected to customer's existing communications services from other suppliers using relatively inexpensive Vtesse backhaul from cross-connects in leading Telehotels.

Vtesse also provide wholesale IP Transit and Retail Internet connectivity services for Hall One customers.

Diverse communications connectivity is available.

For **synchronous replication** requirements, Vtesse provide guaranteed latency diversely connected services with any combination of Fibre Channel, Escon, Ficon, Sysplex and Gigabit Ethernet service.

The Hoddesdon facility is also a core node on the Vtesse private national optical network giving **high bandwidth connectivity to all leading UK telehotels** as well as to Vtesse's 100+ UK points of presence.

Service Level Agreements offering communications service availability guarantees of up to 99.999% can be provided subject to design and agreement.

VTESSE LOCATE

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Accommodation & Services:

- 24*7*365 manned security
- Flexible accommodation for conference rooms, office space and meeting rooms.
- Casual Lounge and catering areas
- WiFi Internet access
- Lockable cabinets
- Parking for up to 70 cars

Connectivity:

- Diverse fibre building entries
- Fibre connectivity to other leading telehotels
- Optical Wavelength connectivity
- "ETHER/LIGHT" Ethernet connectivity
- "ETHER/IP" IP VPN connectivity
- Escon & Ficon connectivity
- Sysplex connectivity
- Fibre Channel connectivity

Affordable, flexible accommodation



Security

The site is secure. It will be **permanently manned** and the premises are regularly patrolled. It is protected externally by steel and wire fences and has a vehicle access control barrier. **CCTV monitoring and recording** facilities cover perimeter areas. Customer's cars, service and delivery vehicles may be parked within the secure compound.

Access security will be maintained throughout the building by use of a **zoned access system**. Visitors are escorted at all times. Access to the facility is by appointment only.

Very Early Smoke Detection Alarms

(VESDA) are to be fitted throughout the building and linked to security & fire station systems.

Fire suppression equipment will be deployed in nominated zones and is designed to be intelligently discharged in the event of an incident.

Incident management procedures are regularly reviewed with fire prevention officers.

Site facilities

Conference and meeting rooms may be configured on site as may office space for up to 100 staff. Desks in this area will all be equipped with mains power, telephone points and LAN cabling.

Wired or wireless internet connectivity will be available for visiting staff on request.

There is secured on-site parking for up to 70 vehicles.

Service

Equipment and Service in Hall One is managed to **individually agreed service levels**, monitored by Vtesse's 24*7*365 operations centre.

Remote hands services will be available on-site 24*7*365 for equipment and rack installation and de-commissioning and also for equipment moves, changes and adds.

Lockable storage cabinets and cages will be available on-site for customer spares and other



Access

Car

By road, Hoddesdon is 34km from the City of London, 51km from London Docklands, 79km from Slough, 107km from Reading and 185km from Birmingham

Rail

From Broxbourne Station: London Liverpool Street - 33 minutes.

Bus

Nearest road served is the High Street by routes 310 and 311 from Enfield and Hertford.

Air

36km from Luton Airport, 39km from Stansted, and 75km from Heathrow.

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