



Facility Overview

EuroHub is an operations-focused carrier neutral data centre operator delivering high-quality, mid to high density collocation services. We deliver secure, turn-key data centre facilities to house your mission-critical IT systems and infrastructure.

Based on the Isle of Dogs in London's Docklands, backed and staffed by specialists with strong track records, we offer the highest quality, state-of-the-art infrastructure and connectivity services on the kind of flexible commercial terms that businesses appreciate.

Many of our clients need to scale their infrastructure, storage and bandwidth rapidly due to the success of their applications. EuroHub can quickly develop and deploy new infrastructure in a controlled, cost-effective, and risk adverse fashion.

For your peace of mind, we operate our Tier III data centres with fully redundant power and cooling infrastructure for guaranteed reliable service, complemented by on-site engineering support 24/7.

Environment

EuroHub is committed to best practice environmental standards and supporting new environmental initiatives. Our internal environmental policy ensures careful selection of hardware and that all our M&E systems are operated at optimal loading to minimise any carbon footprint. Ongoing operational procedures continue this commitment with regular power monitoring and system maintenance for peak operational performance and strict recycling practices for all surplus materials.

EuroHub is committed to obtaining the ISO standard for environmental best practice.

Locations

EuroHub caters for those businesses wanting Tier III facilities at the hub of Europe's data centre and telecoms industries as well as those needing to be outside central London but within synchronous replication of London.

LET

Greenwich View 7 (GV7)

A stand-alone Tier III data centre facility offering 1500w per m² of IT power and cooling on a private business park with excellent fibre connectivity to all the major carriers. This facility also offers 10,000 sq ft of DR office space, customer fit-out & testing areas and secure storage.

- NOC facility and diverse fibre routes into the building terminating onto separated ODFs
- Customer parking bays
- Secure delivery access
- Gross internal area 29,000 sq ft
- Net white space area 11,000 sq ft
- HV incoming power supply of 3.5Mva
- 410 rack capacity
- 24x7 manned security and monitoring

Greenwich View 1 (GV1)

A stand-alone Tier III data centre facility offering 1700w per m² of IT power and cooling on a private business park with excellent fibre connectivity to all the major carriers.

- NOC facility and diverse fibres routes into the building terminating onto separate ODFs
- Customer parking bays
- Secure delivery access
- Gross internal area 14,000 sq ft
- Net white space area 6,500 sq ft
- HV incoming power supply of 3Mva
- 260 rack capacity
- 24x7 manned security and monitoring
- Services tailored to meet the client's need
- Flexible commercial terms

Rochester

Stand alone Tier III data centre facility offering 1500w per m² of IT power and cooling, within its own secure boundary fence with excellent fibre connectivity to all the major carriers. 5,000 sq ft of DR office space and or customer fit out & testing areas. NOC facility and diverse fibre routes into building, terminating onto separate ODF's.

- Customer parking bays
- Secure delivery access
- Gross internal area is estimated 90,000 sq ft
- Net white space 40,000 m²
- Ready for occupancy September 2013
- Power supply at 14.5 mVa delivering 1,500 watts p sq m
- 1,600 no rack capacity
- NOC facility and diverse fibre routes into building, terminating onto separate ODF's

KEY FACTS

Due for completion Q3 2013
Purpose built
High power density offering
Environmentally efficient

The Point

Phase 3 of our Greenwich View Data Centre Campus "The Point" named due to the incorporation into the scheme of the landmark building which will form an integral part of the new Datacentre. As per the previous phases the facility will be predominately aimed at the Financial Services Sector and supporting industries with its proximity to Canary Wharf and the City of London one of its major strengths. The Point will be a new purpose built facility clad in granite and smoked glass to appear as a modern HQ building with all Mechanical and Electrical plant housed internally and security infrastructure tailored to individual clients needs.. The design parameter of 2000 wpsm will provide our clients with access too a previously unavailable density of service in London Docklands at a commercial value that make this a unique opportunity in todays market.

- Location: Canary Wharf
- Site area: 1.4 acres
- Total Scheme Net Internal Footprint : 89,900 sq ft
- Net Technical area: 36,000 sq ft
- Other space: 20,000 sq ft of Disaster Recovery or customer breakout areas
- Power supply at 16 mVa
- Design load 2000 wpsm
- Total number of racks: Circa 1,600
- NOC facility and diverse fibre routes into building from multiple vendors.
- Redundancy Tier III equivalent
- Secure delivery access & Customer parking bays

Data Centres



Power (mains and emergency)

- Minimum N+1 redundancy on power supply
- Mains power supplied via 2 x 11kV HV incomers
- Diverse A&B supply distributed via 11kV ring main units
- Diesel power generation and UPS Systems installed to support both IT, cooling and ancillary loads
- On-site bulk diesel fuel tanks to support a minimum of 54 hours at full capacity, 24/7 fuel delivery call-out contract in place
- Diverse and dual electrical supplies to all essential plant

Cooling

- Minimum N+1 resilience on chilled water cooling system
- Ambient Conditions - Summer / 35°C, Winter -2°C saturated
- Temperature in technical space maintained at 22°C (+/- 2°C)
- Humidity of 50% (+/-10%) in technical areas
- Energy efficient Air Cooled chillers installed at a minimum N+1 configuration
- Close control units (CCUs) provide conditioned air to technical space
- Diverse chilled water distribution pipework (ring main type) throughout the data centre

Security

At EuroHub we take security very seriously. Our data centres are manned 24x7 by specialist security guards who understand the importance of securing your IT infrastructure in a multi-tenanted facility.

The facilities are under constant surveillance by CCTV both internally and externally. All cameras are linked to digital recorders and alarm incidents are recorded automatically. All recordings are digitally archived for a minimum of 31 days and all areas are protected by intruder alarms.

Physical access is strictly controlled through the use of access-control lists.

Building entry is controlled by secure man-trap entrances whilst access throughout the data centre is managed using proximity card readers and PIN pads.

The data centres all benefit from secure managed delivery and loading areas

Building Management

- Dedicated 24/7 facilities management team
- BMS system monitors M&E operation within the data centre
- Strict PPM infrastructure maintenance regime
- Supplier Management
- Maintenance testing and co-ordination

Design Resilience

- Tier III data centre build
- Design of site infrastructure is N+1
- All critical plant is designed with a minimum 10% safety margin
- 0.9 - 0.9 Power Factor on IT load, 0.95 lagging overall power factor
- Dual incoming power feeds
- Diesel Rotary UPS infrastructure providing a "No-breaks" electrical deployment
- 54 hours of on-site fuel at full load
- Cooling System N +1
- Multiple fibre entry points
- Multiple Meet Me Rooms
- Multiple fibre and bandwidth providers available
- 24/7 on-site engineering support



Fire Detection and Suppression

VESDA Early Warning System

A VESDA early warning system is installed in the return air path of all Down Flow Units within the technical areas. This VESDA system is to provide early warning alerts only. The alarm will be raised in the technical area and repeated to the fire system.

Fire Detection Systems

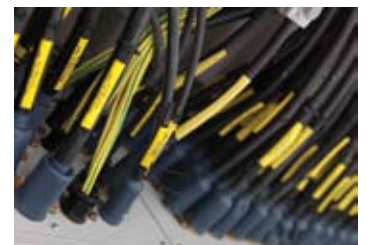
All technical areas have a detection and alarm system fitted at high level and low level. The system incorporates fire detection panels, break glass contacts, heat detectors or smoke detectors and alarms.

Fire Suppression

The data centre operates using centrally stored FM200 gas cylinders to the technical and selected landlord areas.

The system is fully integrated with the fire detection system to operate on a double knock system and is fully interfaced to the gas extract and fresh air systems.

- Analogue addressable fire detection system to all areas (smoke and heat) with manual break-glass units
- Very early smoke detection and alarm system (VESDA) in the return air-flow of CCUs
- Gas suppression system using centrally stored gas cylinders
- Sprinklers in corridors and selected plant rooms with water ingress protection and monitoring provided where required
- Dry risers to all floors
- Smoke and gas extraction





Services

Disaster Recovery

With technology at the hub of your business we provide our customers with a flexible portfolio of services tailored to your needs, allowing you to focus on running your business safe in the knowledge that your data is secure.

Business Continuity

EuroHub is pleased to offer Business Continuity Services to reflect business requirements in both office and technical spaces.

Flexibility is offered as to the type of service, term and specification for each customer. Scalability can be offered across multiple sites linked by secure high-speed fibre networks. Full technical support can be offered and EuroHub will work with each customer to ensure their Disaster Recovery plans are met.

Technical Facilities

EuroHub will make available its technical data centre areas within an agreed timescale that matches the customer's recovery plans. Space and power can be utilised and technical support can be provided to assist as needed.

Desk and Office areas

EuroHub has office areas within its data centres that can operate as part of the customer's business continuity plans and link quickly and effortlessly to the collocation and technical areas.

Collocation Services

Our services provide your business with the flexibility to grow and scale your data centre collocation services as required. Customers can choose from individual or multiple secure racks with power densities of between three and eight kWatts per rack position through to private caged areas for those customers requiring a larger IT infrastructure deployment with additional security measures.

Data Centre Services

The EuroHub support team becomes an extension of your team, increasing the ability to support complex infrastructure on a 24/7 basis. At any time, you have immediate access to our engineering teams with specialist experience in supporting mission critical application infrastructure environments.

- Certified on-site technicians
- 24/7 helpdesk
- Trouble ticket system
- 'Remote Hands' First Line through Third line support with Guaranteed Response Times



Services (continued)

Connectivity

As a carrier neutral data centre operator you are able to choose your bandwidth service provider of choice. We provide a fully managed cross connect service to allow you to connect to your chosen carrier's networks whose Points-of-Presence are available within our Meet-Me-Rooms.

Additionally EuroHub provides its customers with the option to utilise our managed IP bandwidth services. The service delivers high quality, reliable Tier 1 connectivity from multiple carriers, ensuring low latency uncontended bandwidth providing the required resilience and redundancy for your mission critical applications and services without the challenges and complexities of having to manage multiple IP transit feeds and complex BGP routing tables.

Support Services

EuroHub provides a broad range of data centre support services to cater for the individual requirements of our customers' ever evolving data centre and technology needs.

These services include:

- Receipt and delivery of goods
- Secure storage (shared and dedicated)
- Remote Hands including First through Third Line support
- Cabling services
- Infrastructure installation services
- Meeting Room facilities
- Office space (temporary and permanent)

Managed Services

EuroHub provides a full range of managed services to allow you to tailor our services to your exact needs.

These include:

- Multi-homed IP bandwidth services
- Data back-up and archiving
- Primary and secondary SAN storage
- Monitoring and management of IT infrastructures
- Network security
- Distributed Denial of Service "DDoS" attack prevention
- Virtualisation
- Cloud computing technologies

Products

Offering all the benefits of a dedicated Private Data Suite as detailed previously but with shared infrastructure including Power, Cooling, Fire Detection & Suppression.

Our Private Cages offer the benefits of large scale resilience for medium sized IT space requirements. These areas provide capacity and enhanced security measures such as caging, card readers or additional cameras.

Meet Me Rooms

Physically separate secure areas for carriers to establish their Network Point of Presence, to inter-connect and to deliver network services fast, efficiently and cost effectively to their customers.

Each facility has two Meet Me Rooms and each site has at least two fibre entry points. EuroHub can also make available sub-ducts for the use of Carrier customers to enable the delivery of fibre services into all its data centres.

Private Cages

- Purpose built technical space
- Power monitoring
- Power charged for on a usage basis
- A secure private area
- Enhanced security
- Flexibility to expand
- Attractive commercial terms
- Dual A&B power feeds to each rack
- All power is supported by N+1 Rotary Diesel UPS units
- Remote Hands and First Line Support
- Power densities of 1500watts/m²

Collocation

Includes cabinet footprint, dual power feeds, power consumption based on agreed specification and flexible terms to adapt to new requirements as companies evolve.

- Dual A&B power feeds to each rack
- All power is supported by N+1 Rotary Diesel UPS units
- 600mm x 1000mm 47U secure locked cabinets
- Hot and Cold Aisle configuration
- Cold Aisle containment
- Power monitoring
- Power charged for on a usage basis
- Intelligent PDUs
- Remote Hands and First Line Support
- NOC controlled individual rack security offering enhanced security
- Power densities of between 3kWatts and 8kWatts

Private Data Suites

A self-contained secure private suite with dedicated M&E plant designed and fitted-out to your specifications providing you with high quality IT space in which to manage your IT operations.

- Purpose built technical space
- Power monitoring
- Power charged for on a usage basis
- A secure private area
- Enhanced security
- Flexibility to expand
- Attractive commercial terms
- Dual A&B power feeds to each rack
- All power is supported by N+1 Rotary Diesel UPS units
- Remote Hands and First Line Support
- Power densities of 1500watts/m²

