

The Bunker<sup>2</sup>



London's N+1

“London, not if but when!”



[thebunker.net](http://thebunker.net)



The Bunker is expanding its Kent operations. The Bunker<sup>2</sup> maintains the highest standards set by The Bunker by blending state of the art M & E infrastructure with military grade security.

**Protect against the Internets single point of failure**

The new facility provides a highly secure, low risk Internet hub outside London servicing clients who wish to establish systems in the UK, but who also require access to the World Wide Web without entering the high risk London zones.

**London not if but when**

London is the second largest Internet Exchange in the world. Unfortunately London is also one of the highest risk cities in the world. Flood, terrorism, theft and power are all real and present threats. London therefore represents a huge single point of failure to the availability of the UK Internet and all those that rely upon it.

**Power Shortage** "By 2009, London faces the prospect of regular 'brownouts'." ZDnet

**Theft** "A gang of robbers dressed as police told staff at a data centre in London's King's Cross last night they were investigating reports of people on the roof of the building, before making off with expensive hardware," the Metropolitan Police said.

**Terrorist** "SCOTLAND YARD has uncovered evidence that Al-Qaeda has been plotting to bring down the internet in Britain, causing chaos to business and the London Stock Exchange." Financial times 11.3.07.

**Flood** "The summer floods which affected 12 of the 33 London boroughs goes to prove how vulnerable any community is to flooding, whether it's rivers bursting their banks or torrential downpours." London Resilience.



Failure of the Thames Barrier

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Main fibre routes out of London & the UK

### **State of the art and military grade**

The Bunker<sup>2</sup> offers 12,000m<sup>2</sup> Tier 3 data floor within the existing defenses of The Bunker's facility, along with 2,000m<sup>2</sup> of office and support accommodation, staffed 24/7/365 by security and technical personnel.

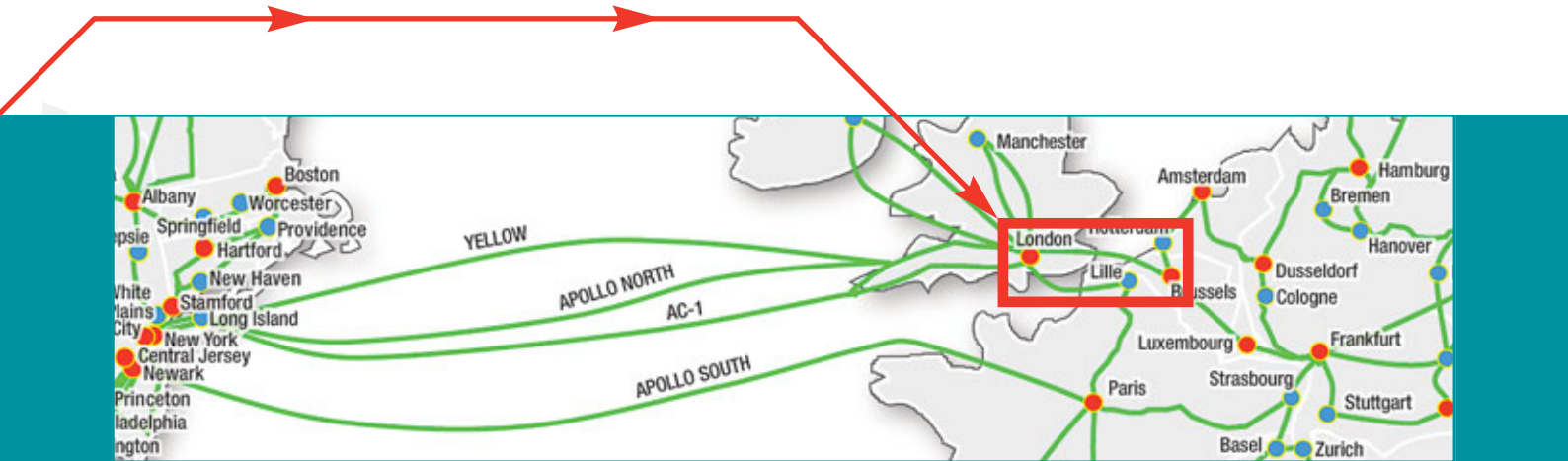
The development will be of a modular low profile design, cut into the landscape with a grass roof. Each module of 2,000m<sup>2</sup> blends into the surrounding environment with minimum visual impact.

### **Inaudible, Invisible & Green**

Sustainability is a key factor in the design, materials and construction techniques. The facility design and engineering services address best practice low energy and renewable Data Centre design creating a 'Green' Data Centre achieving a very good BREEAM rating yet maintaining the military grade quality which is its heritage.



Photo taken by Bunker Director on the M25, on the day of the 7/7 attacks on London



Level 3 Network Map

## The world without traversing London

The Bunker<sup>2</sup> is a Carrier Neutral Data Centre, situated at a strategically important location on the cross roads of the main Internet fibre routes leaving the UK towards Europe, Asia and the USA. For clients this affords peace of mind that traffic can be routed via the traditional channels across London, however in the event of a catastrophe, disabling the main Internet hubs in the London Docklands and the City, traffic can still route to any location in the world via the main Internet exchanges in Europe.

Multiple Fibre, telecommunications and Internet Service Providers are available including: Level 3, NTL, BT, Easynet, Claranet, Packet Exchange, Cogent, Thus, Orbital and Colt.

## The next step for a trusted brand

The Bunker<sup>2</sup> is owned and developed by The Bunker Secure Hosting Limited. The Bunker delivers ultra secure Managed Services and Data Centre solutions from within Europe's most secure Data Centre and has done so since 1994. The Bunker's technical leaders are recognised experts in security and cryptography, renowned for their work on Apache-SSL. The bunker's management team includes Data Centre experts with over 10 years experience.

The Bunker is ISO 27001 accredited, are recognised experts in Open Source technology, are Microsoft Gold partners and practice Prince 2 and ITIL standards.

The Bunker works with a broad range of high profile organisations. The Bunker's clients are Financial Services Organisations, Technology companies, local government and other regulated businesses that value a premium service built around security.

**State of the art fire protection systems, specialised high density areas, scalable power for future expansion, 24x7 technical support 365 days a year and unrivaled levels of security.**



### **A specification for the modern day**

At strategically important locations throughout the UK, The Bunker is developing and operating the most secure Carrier Neutral Colocation Facilities available. The Bunker's Data Centres offer a comprehensive range of cost-effective yet secure internet

services. The Bunker<sup>2</sup> features exceptionally high specification infrastructure including state of the art fire protection systems, specialised high density areas, scalable power for future expansion, 24x7 technical support 365 days a year and unrivaled levels of security.

## **Technical specification**

### **Data Floor**

- 12,000m<sup>2</sup> net usable data floor
- 6 modules of 2000m<sup>2</sup>
- Shared or dedicated caged areas
- Space from a full rack to a dedicated suite, vault or module

### **Power and Air Conditioning**

- Diverse HV Power Supplies with generator back-up @ N+1
- 80MVA HV power redundant availability
- Redundant UPS conditioned power @ N+1
- Redundant air conditioning units to guarantee stable temperature and humidity @ N+1
- High Density Blade Zones

### **Security**

- Guardroom (fitted with bullet-proof glass)
- Onsite security staff (ex-military & police)
- Random patrols with guard dogs
- Very Early Smoke Detection Apparatus installed
- Fire suppression system
- Infrared CCTV system
- 24-hour video recording
- Visual verification of all persons entering the data floor
- Vehicular gate with control barrier
- Sophisticated access controls

### **Secured Networks**

- Diverse independent telco risers from public highway to data floor
- Multiple Fibre Providers
- Multiple Internet Service Providers
- Choice of telecommunications service providers
- Satellite dish space available - subject to planning
- Microwave space available - subject to planning

### **Amenities**

- Separate goods delivery area away from data floor
- Separate unpacking area away from data floor ('dirty room')
- Separate machine set-up area away from data floor ('clean room')
- Bookable meeting rooms
- Bookable engineers' rooms
- Offices available for your own full-time engineers

Partners:



AboveNet



Business Partner



## The Bunker<sup>2</sup>

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### Disclaimer

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