



PENZIAS

Co-location

Our Data Centre facility in West Byfleet, Surrey is a high specification facility for the accommodation of servers and networking equipment.

In addition to co-location and rack space we offer a range of additional services such as Multi-homed Bandwidth, Firewalling/Anti-DoS, Systems Monitoring, Systems and Application Management, and onsite Engineers for Remote Hands.

Key Features

24x7x365 Onsite Security with additional remote monitoring of the CCTV and alarm systems and proximity access control systems on all doors ensure access to authorised personnel only.

Own onsite Sub Station supplied by diverse routes from the national grid.

Generator and UPS backed electricity supply to the building, ensures continuous running in the event of a mains grid failure.

Onsite fuel for 36 hours plus a 12 hour refuelling contract allows the building to run indefinitely without mains electricity.

Downflow (Underfloor) air conditioning has been designed to be able to cool 130% of the total heat load for the data floor. The capacity is designed such that the failure of one unit can be handled by the other units.

Full Underfloor water leak detection system, to allow for fast detection and rectification of water leaks.

Full VESDA system provides for early detection of smoke and heat so that any potential fire is detected before it can develop further. An FM-200 fire suppression system is in place for the unlikely event a fire does occur. All under floor cabling is low smoke and the under floor void is protected by FM-200.



Fact List

Power

- › 2MVA Supply (880KVA usage)
- › Onsite Generator and UPS in N+1 configuration for continuous power
- › 5,000 litre fuel storage (36 hours run time at 100% load) with 12 hour refuelling SLA. Can be refuelled while in use

Cooling

- › Under-floor-air conditioning maintaining 22°C +/-2°C
- › N+1 air conditioning redundancy
- › Hot /Cold aisle data floor layout for optimum cooling

Other Features

- › Full VESDA Early Smoke Detection System
- › FM-200 Fire Suppression System
- › 24x7 Onsite Security
- › 24x7 CCTV Monitoring / Internal & External Coverage
- › Proximity Access Control for all doors
- › Physically diverse fibre routes entering the building at multiple points

When you entrust Penzias with your business critical servers and data, you can be assured they are in good hands.

Security plays an important part in the overall service we offer our clients, which is why we invest not only money in a high-tech security infrastructure but also time in consistently maintaining strict security and access protocols.

How we work

Engage and Understand

Our job is to understand what your objectives are and what your business is trying to accomplish. We won't make random assumptions. If we don't know, we ask.

Evaluate the options

You need to know and understand your options. We assess all viable options available and present the choices to you in accordance with your needs.

Educate and Inform

You need to make difficult decisions that may have a serious impact on your business. Our aim is to enable you to understand the full ramifications of the solutions you are choosing to minimize any risks.

Design and Implement

Anyone can make promises, but proper execution is what makes the difference between happy and unhappy customers. We deliver solutions based on a structured delivery methodology, encompassing all aspects of the project lifecycle.

Report and Adjust

Penzias is committed to working with our customers to ensure that the solutions offered are flexible enough to meet evolving requirements. Underpinning the whole process is regular, accurate, structured reports.



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Technology securing & protecting technology

CCTV – Our Data Centre uses both internal and external cameras throughout to make sure all the angles are covered.

Linked to a central security system which is controlled and monitored by our on-site security personnel 24 hours a day, any camera can be interrogated instantly to review what just went by, whether it is a scavenging fox or unwelcome intruder.

Proximity Card Readers – Every person who comes to our Data Centre, including all our staff, is issued with a security pass which is associated directly with them.

This allows us to monitor the movements of every individual throughout the building and where necessary restrict access to areas of the Data Centre.

Intruder Detectors – When not in use, all areas of the Data Centre are protected by Passive Infrared Sensors (PIRs) and door contacts, all of which are linked to a police and key holder response system.

Fire Detection and Suppression – Using a combination of Very Early Smoke Detection Apparatus (VESDA), traditional smoke detectors and a high-tech FM-200 fire suppression system, our Data Centre will not only detect but automatically respond to any smoke or fire related threat.

Lockable Racks & Cages – All the racks we provide our clients with, come as standard with secure combination locks that can be set by clients themselves.

For clients requiring additional security, caged areas can be constructed on the data floor.



Sensible Protocols

Security technology without strictly enforced protocols can only provide a certain amount of protection; we're just as passionate about practising best practice.

All visitors and deliveries have to be declared through our internal ticketing system before they arrive otherwise they're turned away without exception.

Employees and clients are placed on a permanent access list which grants them access 24 hours a day, 7 days a week but photographic ID is still required for each visit.

Security People

We believe best practice is having security professionals on site 24 hours a day, 7 days a week, 365 days a year protecting the Data Centre and your data.

Our security guards are sourced, trained and managed through a professional security company which is both SIA and NSI approved (the Security Industry Authority & National Security Inspectorate respectively).

With regular patrols of the facility and training in the use of all our security features, our 24 hour security guards are the foundation for us being able to ensure your peace of mind.

Why choose Penzias?

Unbiased Recommendations

Because we are not tied to any particular service providers we can evaluate a multitude of solutions and recommend the best ones.

This gives us the freedom to provide you with honest, unbiased suggestions that best suit you and your business.

Ultimate Flexibility

We understand that whilst each company may be similar to others within their industry in 80 - 90% of their requirements, ensuring that we give time and attention to that elusive 10% is what turns a standard solution into a great solution.

Business and commercial driven solutions

There may need to be flexibility and creativity on financing, budgeting, vendor choice, billing, resilience or departmental control.

The list is endless, but don't worry, talk to us and we can help.

Contact us now to find out more:

Phone: 0203 1785214

Email: info@penzias.co.uk

Visit: www.penzias.co.uk



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Penzias Networks, 20 Mortlake High Street, London, SW14 8JN

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