FREEDOMTECH
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HYBRID COLO CLOUD

Freedomtech Solutions are leading IT solutions and consultancy company delivering Internet Infrastructure and software technologies to businesses across the globe. In an age of digital disruption, companies are under increasing pressure to improve their time to market. A reduced time-to market can bring immediate positive outcomes to your business. Freedomtech can help your organisation thrive by leveraging emerging technologies to deliver 'true' business value.

In an age of digital disruption, companies are under increasing pressure to improve their time to market. A reduced time-tomarket can bring immediate positive outcomes to your business.

New technologies and strategies can help deliver a competitive edge in growth areas like cloud, cognitive computing, big data, business intelligence, hyper-converged infrastructure, micro-segmentation,blockchain and artificial intelligence.

Freedomtech can help your organisation thrive by leveraging emerging technologies to deliver 'true' business value.

Through our ethos of 'freedom in technology', we have the ability to assist IT leaders to deliver positive business outcomes by harnessing these innovative and digital transformation solutions.

- Data Centre services
- Global Networking
- IT Hardware procurement
- IP Asset Management
- IT Security
- Application Development
- Technical Resourcing
- Professional Services

Our objective is to help you take full advantage of cutting-edge technologies and IT service delivery platforms to achieve the most sustainable and cost-efficient business outcomes possible.

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You are guaranteed our full range of expertise regarding our dedicated hosting solutions. All our servers use next-generation components - with each machine designed and assembled by us, then delivered in record time.

We offer different ranges of highly-efficient dedicated servers, adapted to the most demanding needs of any type of company. Host your website, deploy your highlyre-silient infrastructure or customise your machine to suit your project requirements in just a few clicks. When you store your data on our secure infrastructure, you will benefit from a highly-available environment for your most critical uses.

Many "hybrid" cloud solutions require you to switch between the different environments you are working on, whether you are creating a new application, getting reports or auditing activity for compliance purposes. A true hybrid cloud brings consistency across all your cloud environments, whether in a Freedomtech private cloud or a public cloud provider. With Freedomtech Hybrid cloud solutions, you can receive the best of all worlds by incorporating Public cloud providers like Azure, Google and AWS directly into the Freedomtech cloud management system.

Furthermore, Freedomtech can provide true hybrid ColoCloud whereby you can consume any type of cloud services with a direct connection to a dedicated colocation environment within the same Data Centre, thus enabling you to host your secure data or applications within your own rack while utilising a local Private or Public cloud all under the same roof, under one agreement.

On-Premise   Cloud   Dedicated   Colo   Public Cloud

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WHY CHOOSE FREEDOMTECH AS YOUR MANAGED NETWORK SERVICE PARTNER?

Freedomtech **leads the way in managed networks both locally and Globally**. Our approach to network virtualization using Software Defined Networks (SDN), Software Defined Wide Area Networks (SD-WAN) and Network Functions Virtualization (NFV) has significantly and positively impacted our customers' strategic objectives.

We partner with leading telecommunication providers to ensure that we always source the right solution matched to your business priorities.

Freedomtech has invested heavily in building a robust and resilient Private network that connects all three of our footprints securely and resiliently delivering a fail-safe a network that is also self-healing.

USABILITY

Our private network also extends the barriers of a closed network by integrating and connecting directly to third party Cloud and Connectivity providers giving us a global reach to every network on the planet. Using our managed network service knowledge, expertise, and skillset we enable your organization to fully understand the impact of new technologies and services for LAN, WAN, and WiFi networks.

We offer end-to-end LAN, WAN, and WiFi network management - from the data centre right through to network endpoints, including your offices and BOYD 'Out of Network' user devices.
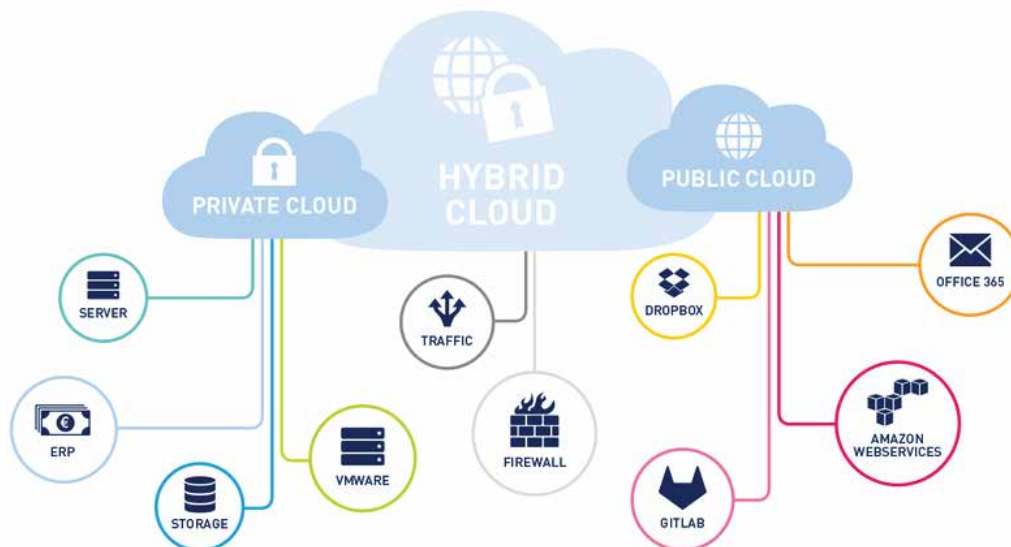
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THE DATA CENTRES

Freedomtech have invested in a **Global footprint of interconnected Data Centres**

- UK – London & Manchester
- EMEA – Berlin & Amsterdam
- USA – Santa Clara, Washington, New York and more
- Canada – Toronto

All Data Centres are connected via a fully managed and fault-tolerant mesh network, with direct access to other UK, European, USA and Asia PAC Data Centres.

RESILIENCY

Data Centres are the home of the Internet and as such require absolute resiliency on all components.
Our Data Centre's provide a 99.999% SLA on power and cooling guaranteeing uptime and service availability.
CCTV is in operation throughout as well as manned patrols and multiple points of secure entry.

- 100% Service uptime history
- Built and maintained to Tier3 standard
- N+1 on all power components

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CLOUD COMPUTING

Cloud computing is now a major marketplace strategy for any company that is aiming to deliver high-quality services to customers over a variety of channels, especially those involving high levels of online traffic.

But how does an organisation know if and which a version of the cloud is best?

At Freedomtech, we have a wealth of expertise and a resource to help you decide what iteration of the cloud is most suited to your application requirements.

At times, a hybrid cloud or federated cloud can be the key to your application's success.

Freedomtech is responsible for system management, software and hardware upgrades.

Through this OPEX model, this will save you time and money so you can concentrate on your business applications.

PUBLIC CLOUD

Ideal for entry level users who require basiccomputing power with limited needs for ondemand load increases. Even though our public cloud platform is shared across multiple users, RAM and CPU allotments are still reserved for quality of service. Public Cloud VMs can be deployed with 24 hours for new clients.

PRIVATE CLOUD

For demanding enterprise users that require heavy computing power and the ability to add more on-demand in real-time.

Your private cloud platform is built and managed by us, but the hardware is dedicated to you alone. This eliminates the potential for resource over-utilization by other users.

AVAILABLE DATA BACKUP AND FIREWALL SERVICES

Any dedicated server can be combined with our Managed Data Backup and security services. Firewall services give you a private network allowing controlled access, VPN, and Site-to-Site IPsec tunnels.

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EVERY BUSINESS OBJECTIVE IS DIFFERENT AND NEVER THE SAME.

Over the years, we have seen many businesses migrate straight into the cloud for all their compute, storage and networking requirements - only to come back out again after being bitten by costs, service and data concerns. This has left some organisations puzzled as to what might be the best solution for them moving forwards. We believe that technology has moved on from pure-play cloud services and so considering a federated solution across multiple technology stacks might produce the best results. Although each solution has its purpose and benefits for each specific task or duty required by the business, we currently see two primary solutions being considered today

(A) Basic Hybrid Cloud
(B) Basic Hybrid Colo-Cloud

Both of these solutions are readily available today through a vast number of providers across the globe, however, we at Freedomtech consider the business outcome well before the technology conversation starts. Seasonal spikes in traffic and data downloads can seriously affect the performance of your network and core infrastructure stack, thus damaging your businesses reputation or customer base.

By utilising a public cloud platform inline with your existing Private Cloud or Colocation stack you can simply lean on the resource when/where needed to cope with the increase in demand - without any contractual obligations or the need to procure more infrastructure, racks or dedicated cloud instances.

Once the seasonal demand "dies down" you can simply tear down the additional resource and resume normality. Delivering these services within the same Data Centre (or across a dedicated network) can provide additional security and technology services all under one roof, under one flexible agreement.