Hybrid Cloud

Gibtelecom

Gibtelecom's Infrastructure-as-a-Service (IaaS) Cloud platform takes care of your mission critical compute deployments in Gibraltar, London or Malaysia.

Hybrid Cloud lets you build flexible and scalable infrastructures that sit alongside and seamlessly integrate with your traditional hosted assets either within one of our data centres or further afield. Dedicated secure private connections link a specific tenancy with hosted infrastructure that present cloud on the inside of your networks and act as a flexible extension to existing resources.

Built using industry leading components and OpenStack software tools that are supported by manufactures mission critical services the cloud is built to run 24x7x365 with multiple redundant components and Internet access paths.

Intuitive self-service browsers based GUI portal lets your technical teams quickly create compute server environments and draw upon large quantities of storage on demand.

Powerful orchestration APIs allows direct programmatic control of the environment allowing tenants to quickly build repeatable configurations or integrate with external provisioning tools.

Benefits of Gibtelecom's Public Cloud:

Scalable	Scalability of public cloud environments is achieved without exposing sensitive IT workloads to the inherent security risks of public Internet connections.
Highly reliable	Services are distributed across multiple data centres across public and private data centres.
Improved security	Sensitive IT workloads can run on dedicated resources in private clouds while regular workloads can be spread across inexpensive public cloud infrastructures

Ideal choice for:

- Organisations serving multiple verticals facing different IT security, regulatory and performance requirements
- Optimising cloud investments without compromising on the value proposition of either hosted infrastructure, public or private cloud technologies
- Improving security on existing cloud solutions such as SaaS offerings that must be delivered via secure private networks
- Strategically approaching cloud investments to continuously switch and trade-off between the best cloud or infrastructure service delivery model available in the market

Hybrid Cloud Network Topology
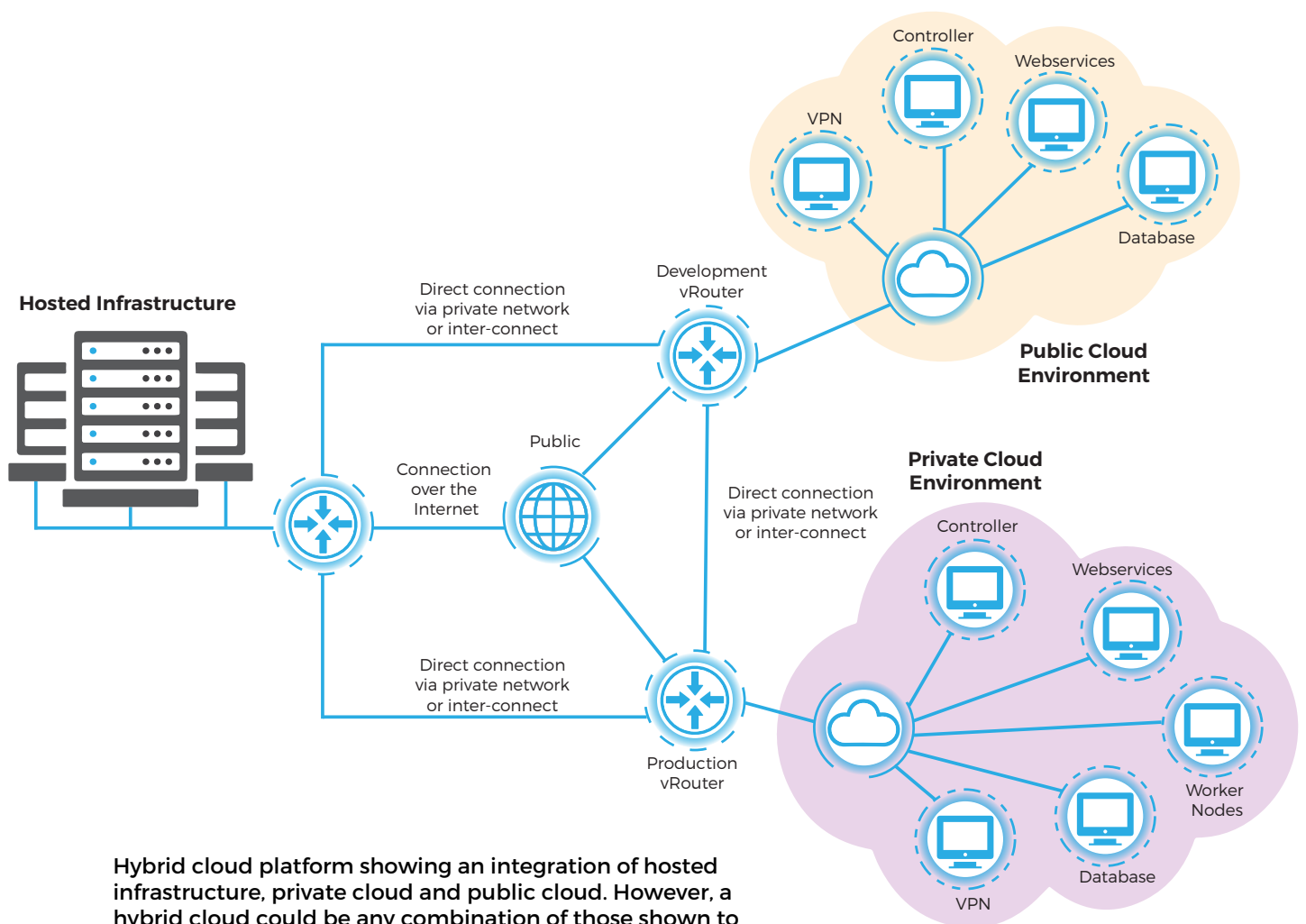
Hybrid cloud platform showing an integration of hosted infrastructure, private cloud and public cloud. However, a hybrid cloud could be any combination of those shown to meet your business requirements

Choose the cloud service that suits your needs

Private Cloud
- Dedicated & secure virtual environment
- Supported with highest level of availability and fastest internet links
- Ideal for businesses in a regulated sector

Public Cloud
- Long-term flexibility or short-term additional computing power
- Pay for what you use when you've use it
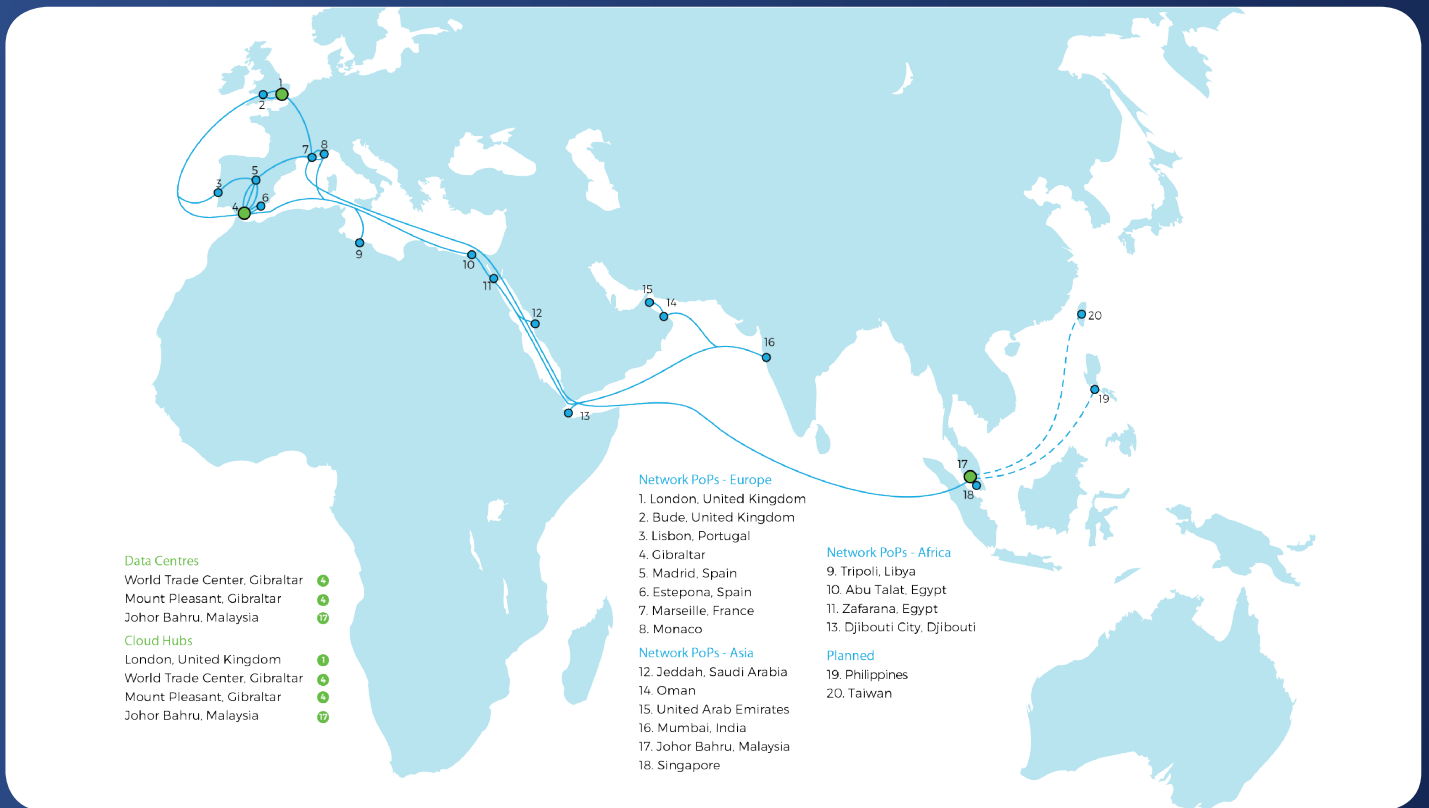- Elasticity and scalability

Hybrid Cloud
- Seamless integration with your existing infrastructure
- Optimum performance when covering spikes or rapid expansion in network requirements
- Improved security

Cloud service matrix

Public cloud	Private cloud	Hybrid cloud
Easy of deployment No investments required to deploy and maintain the IT infrastructure, no need to purchase separate hardware or software.	**High level data** Dedicated and secure environments that cannot be accessed by other organisations.	**Work load balancing** Sensitive IT workloads can run on dedicated resources in private clouds while regular workloads are spread across public cloud infrastructure.
Low cost entry Only pay for what you use and when you use it. Ideal if you aren't sure of your exact requirements.	**Cost saving** Enjoy greater performance, flexibility and increased cost-savings in a controlled environment, using dedicated compute resources that aren't shared with other tenants.	**Cost effective** Your organisation is just paying for the additional computing resource at the time of requirement. Legacy infrastructure can also be incorporated.
Scalability on demand You only use what you need and when you need it. Perfect to meet unpredictable workload demands.	**Secure and scalable** High scalability and efficiency to meet unpredictable demands without compromising on security and performance. Ideal for highly regulated industries.	**Flexible resourcing** Enables policy-driven deployment to distribute workloads across public and private infrastructure environments based on business needs.
Peace of mind Highly reliable as a broad network of servers available.	**Reliability** High availability, on site and dedicated infrastructure. High SLA performance and efficiency.	**Distributed resilience** Built in redundancy, services are distributed across multiple infrastructures or locations, across public and private clouds or hosted infrastructure.
Low maintenance Reduced complexity and requirements on IT expertise as Gibtelecom is responsible for the infrastructure management and security.	**Compliance** Conforms to stringent regulations as organisations can run protocols, configurations and measures to customise security based on unique workload requirements.	**Enhanced security** Dedicated private network connections between distributed cloud and legacy infrastructure provides protection from external security risks.

Globally interconnected cloud services & hosting

Data Centres
World Trade Center, Gibraltar
Mount Pleasant, Gibraltar
Johor Bahru, Malaysia

Cloud Hubs
London, United Kingdom
World Trade Center, Gibraltar
Mount Pleasant, Gibraltar
Johor Bahru, Malaysia

Network PoPs - Europe
1. London, United Kingdom
2. Bude, United Kingdom
3. Lisbon, Portugal
4. Gibraltar
5. Madrid, Spain
6. Estepona, Spain
7. Marseille, France
8. Monaco

Network PoPs - Asia
12. Jeddah, Saudi Arabia
14. Oman
15. United Arab Emirates
16. Mumbai, India
17. Johor Bahru, Malaysia
18. Singapore

Network PoPs - Africa
9. Tripoli, Libya
10. Abu Talat, Egypt
11. Zafarana, Egypt
13. Djibouti City, Djibouti

Planned
19. Philippines
20. Taiwan

WHY USE GIBTELECOM?

Gibtelecom provides customers with best in breed data centre facilities, managed solutions coupled with fast and highly resilient global network connections needed by today's internationally connected organisations.

Gibtelecom's internationally expanding data centre footprint, head quartered in Gibraltar, is connected to many of the world's largest business and financial centres by the fastest and most reliable submarine cables.

✔ **State of the art facilities supported by over a decade of experience**

✔ **Flexible and scalable solutions designed to meet your budget and objectives**

✔ **On site and remote support capabilities**

✔ **Access to industry certified professionals who understand your business and environment**

✔ **Gibraltar based with international cloud platform**

✔ **Founder member of the Europe India Gateway (EIG) submarine cable consortium**

✔ **Personalised service**

✔ **Custom plans available**

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