



London's
**Data
Centre**
provider

VIRTUS
Data Centres

ABOUT VIRTUS

VIRTUS Data Centres, the UK's fastest growing data centre provider, owns, designs, builds and operates the country's most efficient and flexible data centres. VIRTUS leads the industry with award winning innovation in hyper efficient, Ultra High Density and highly interconnected facilities.

Located in and around London's metro, VIRTUS offers the best of traditional retail and wholesale colocation models, combining dedicated support and complementary ecosystems with low cost, scalable and custom solutions, in uniquely flexible and customer friendly packages. Customers also benefit from Tier III certified, ultra-secure facilities, that provide 100 percent uptime; protecting and connecting data, applications, networks and clouds within VIRTUS Data Centres and the global digital economy.

**VIRTUS - Flexible
colocation at
hyper-scale**

The **company**

VIRTUS is one of London's leading data centre operators, with over 90MW of data centre space across 6 London locations. As part of the ST Telemedia GDC group, it is a well-capitalised and financially robust private data centre owner-operator, and part of a 50+ data centre global network.

VIRTUS is a recognised leader in quality, flexibility and connectivity, and combines this with the skills to fit-out and build innovative world class data centres. We are low risk, credible, with fully committed financial backers and blue chip clients.

“In the last five years VIRTUS has become one of the most successful colocation providers in Europe, selling a large number of MW across its London portfolio.”

– CBRE

VIRTUS
AT A
GLANCE

Lowest Total Cost of Service

Limitless Connectivity

Service Excellence

Quality Credentials

Hyper Efficiency

Intelligent Design

Agile Commercials

Optimised Locations

Enhanced Security

A Safe Pair of Hands



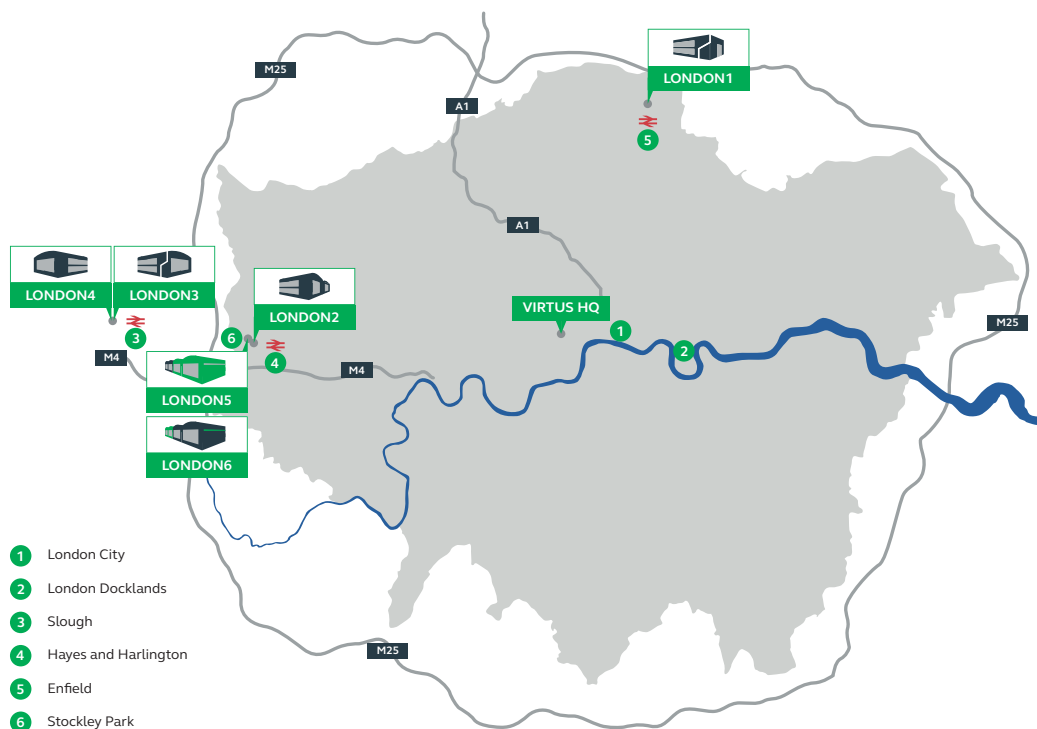
Better **connected**

VIRTUS' data centres have excellent communication, public transport and airport links. All of VIRTUS' London sites provide purpose-built, highly specified data centre space with meeting and office space, and offer a full range of colocation, interconnection, support and monitoring services.

Locations

VIRTUS' data centres are close enough to both London City and other London data centre ecosystems, allowing for mission critical data replication services, but far enough from both to satisfy physical disaster recovery requirements. All the data centres are located in and around London's Metro area, providing easy access from Central London, the rest of the UK and globally.

These optimised locations provide unparalleled connectivity and low, submillisecond latency to major Points of Presence (PoPs). With an extensive portfolio of national and international providers and services, VIRTUS' customers have access to a wide range of connectivity solutions to meet their business requirements.



LONDON1	Enfield
Net Tech Space	3,000m ²
Site IT Load	4.3MW

LONDON2	Hayes
Net Tech Space	6,000m ²
Site IT Load	12.2MW

LONDON3	Slough
Net Tech Space	3,000m ²
Site IT Load	7.2MW

LONDON4	Slough
Net Tech Space	10,600m ²
Site IT Load	26.6MW

LONDON5	Stockley Park
Net Tech Space	10,000m ²
Site IT Load	24.0MW

LONDON6	Stockley Park
Net Tech Space	7,000m ²
Site IT Load	16.0MW

Better by design

VIRTUS' sites are amongst the most technologically advanced in the UK. The facilities are at the forefront of innovation globally. Continual innovation ensures that the facilities are future proofed and pass maximum efficiency on to customers. Customers can reduce their operational and capital costs of IT, while improving cloud application performance and delivery of data to users, consumers and customers.

Quality Credentials

Uptime Institute Tier III design certified

BREEAM Excellent

ISO 14001:2004 – Environmental Management

ISO 50001:2011 – Energy Management

ISO 9001:2008 – Quality Management

ISO 27001:2013 – Information Security Management



PCI/DSS Compliant

Payment Card Security

PCI DSS is the Payment Card Industry Data Security Standard, and is a worldwide standard that was set up to help businesses process card payments securely and reduce card fraud. This is done through tight controls surrounding the storage, transmission and processing of cardholder data that businesses handle. PCI DSS is intended to protect sensitive cardholder data. VIRTUS' data centres are certified as PCI/DSS compliant, ensuring maximum safety of customer data at all times.

Capacity and Growth

VIRTUS is your IT infrastructure partner, enabling customers to adapt their footprint in line with actual growth.

VIRTUS provides customers clean, modern and uncluttered technical space with ample capacity to grow. Combined with our ever expanding footprint, VIRTUS is a long term partner for all of your IT requirements.

Ultra High Density

Built for High Performance Computing

VIRTUS' Ultra High Density gives customers the ability to run high performance computing, enabling them to consolidate IT infrastructure, reduce their overall data centre footprint requirements and increase the efficiency of their computing capability while optimising the cost of their deployment.

VIRTUS' data centres are uniquely built for Ultra High Density deployments in excess of 40kW per rack.

Hyper efficiency

VIRTUS' power and cooling capabilities lead the industry in terms of efficiency, resilience and availability.

The VIRTUS Air Flooded Room Principle delivers a perfect data centre environment. Flexible power density and cooling enables the deployment of ultra-high density racks alongside low density racks in the same cage or suite without the need for additional supplementary cooling.

Continual innovation around high performance computing has resulted in VIRTUS designing Immersive Liquid Cooling into much of its portfolio.

VIRTUS' industry leading PUEs and BREEAM Excellent standard are proof of its commitment to efficiency, passing huge savings onto its customers.

VIRTUS
Data Centres
Where the
Cloud lives



Intelligent colocation

VIRTUS offers flexible colocation to meet your IT power and space requirements. The modular facilities are designed to scale up with customer growth. This combined with truly flexible commercials allows customers to grow in a cost efficient and unrestrictive environment.

Rack

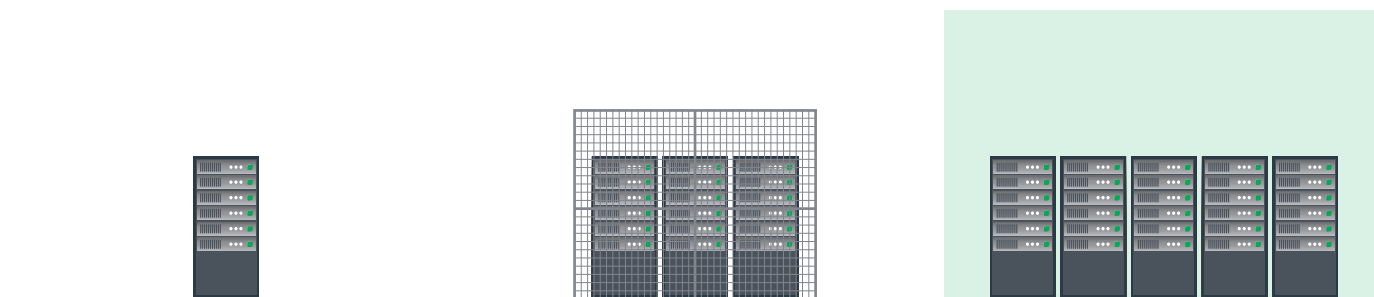
Best suited to customers with a small number of racks that can be accommodated within a shared hall environment. Ideal for customers who need to keep their installation and configuration costs to a minimum.

Cage

Customers with mid to large size requirements who want additional installation or configuration options, can be deployed in a caged environment within a shared data hall and still benefit from minimised cost of installation.

Suite

Customers with larger deployments or with a need to configure their data hall to fit specific requirements, will appreciate the flexibility, where they have additional control over their deployment installation, including the option of dedicated plant.



VIRTUS understands that each customer has very different requirements. Our agile solutions offer maximum flexibility with no compromise on value. VIRTUS wishes to be a true IT infrastructure partner, working with our customers to grow their deployment at a pace that suits them. Like a true partner, VIRTUS works with customers to not only grow their deployment, but also helps to Flex down the size of power and space commitments, adding uncompromising value.

On-Demand:

Providing data centre services on a day's commitment basis, this commercial option is ideal for customers wanting ultimate flexibility or a short-term environment to develop IT innovation before deploying into a production environment.

Flex:

Gives customers the ability to vary their space and power commitment up or down. VIRTUS Flex is best suited to customers with deployments that will grow or shrink over time, where demand is difficult to predict or where an initial period of assessment is needed to analyse ongoing IT needs.

Enterprise:

Traditional colocation, ideal for customers that have a well understood requirement of their IT needs and who have a predictable commercial structure allowing them the lowest total cost of service.

Intelligent connectivity

Connectivity has become a deciding factor for customers looking for colocation and this has, in turn, required that providers ensure that they can meet customer needs with as many connected locations as possible.

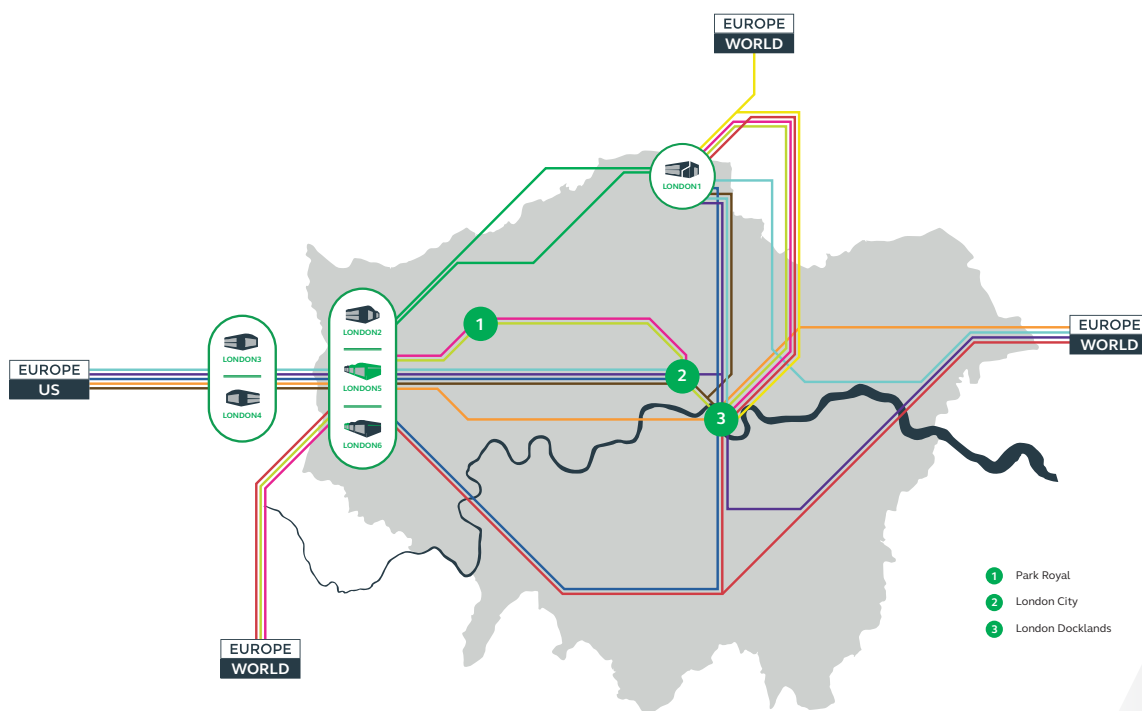
By investing in diverse fibre duct infrastructure, VIRTUS has enabled service providers to easily interconnect to VIRTUS' data centres and pull fibre through from existing routes, minimising additional construction works needed. Resilient and diverse 'meet me rooms' provide space in the data centres where telecommunications companies can physically connect to one another, exchange traffic and easily offer services to VIRTUS' customer base and ensure customers have the widest choice of connectivity:

- › Global Reach
- › High Capacity interconnects to over 250 other data centres
- › Fibre (Dark and Grey), Wavelength, Ethernet, MPLS/VPLS and IP services
- › Interconnection with all major global internet exchanges
- › Low latency, resilient, high bandwidth connectivity options on multiple fibre paths
- › Rack bundled connectivity solutions
- › VIRTUS' data centres are well connected to the top Tier I and Tier II carriers
- › Direct access to all major Private Cloud providers

Service Provider options and Market Place

Service providers offer a wide range of connectivity solutions for customers to take advantage of and are summarised below:

- › Dark Fibre
- › Grey Fibre/Spectrum
- › Connectivity Wavelengths 1GB/10GB/40GB/100GB
- › Ethernet from 10MB/sec plus (Point to Point or Point to Multi Point)
- › IP Transit from 10MB/sec plus
- › IP VPN
- › DDoS protection
- › CDN
- › Caching Services
- › NaaS
- › VOIP
- › On ramp to all major public cloud providers
- › Access to Public Cloud (AWS/MS Azure, etc.)
- › Access to LINX London Internet Exchange
- › Access to all major internet exchanges



Intelligent customer service

VIRTUS provides bespoke and professional solutions with a personal touch. VIRTUS is your local specialist with a young and dynamic culture, developing personal relationships with all customers, making VIRTUS more responsive to your needs.

Market Place

VIRTUS actively promotes the creation of ecosystems within the data centre by encouraging all its customers, connectivity providers, and technical partners to join the VIRTUS Market Place. Divided into 4 sectors encompassing Cloud Connect, Connectivity Platform, Bespoke Solutions and Services, Market Place acts as a virtual storefront promoting the participants' unique range of services and solutions.

- › The **Connectivity Platform** offers a range of connectivity solutions ranging from dark fibre, wavelengths and Ethernet to private patching services connecting to leading cloud service providers via private networks
- › **Bespoke Solutions and Services** covers a range of products and services from supply of infrastructure and software to technical consulting, migration services and actual technical set up
- › Via **Cloud Connect**, customers can choose a wide range of cloud solutions from the best combination of Platform, Infrastructure, Software and Business Process solutions
- › **Cloud Connect** offers VIRTUS customers access to a vast quantity of Public, Private and Hybrid cloud providers

Consulting

VIRTUS offers full 'design and build' turnkey solutions including migration of a customer's racks into the VIRTUS data centre having designed and implemented the agreed technical solution.

Services

Once in the data centre, customers have access to the 24/7 Services helpdesk which is the main point of contact for all access requests, deliveries, ordering of services and general enquiries.

Support

Technical support is offered 24/7 to all customers via VIRTUS Support. Services include a comprehensive range of Level 1 and 2 services which can be pre booked in advance for routine maintenance or at the time for more urgent requests.

VIRTUS Intelligent Portal (VIP)

VIRTUS understands the changing requirements of colocation consumers. With rapid growth that is sometimes unpredictable, enterprises need full visibility and maximum flexibility. The VIP integrates and presents real time data for key aspects of a VIRTUS data centre.

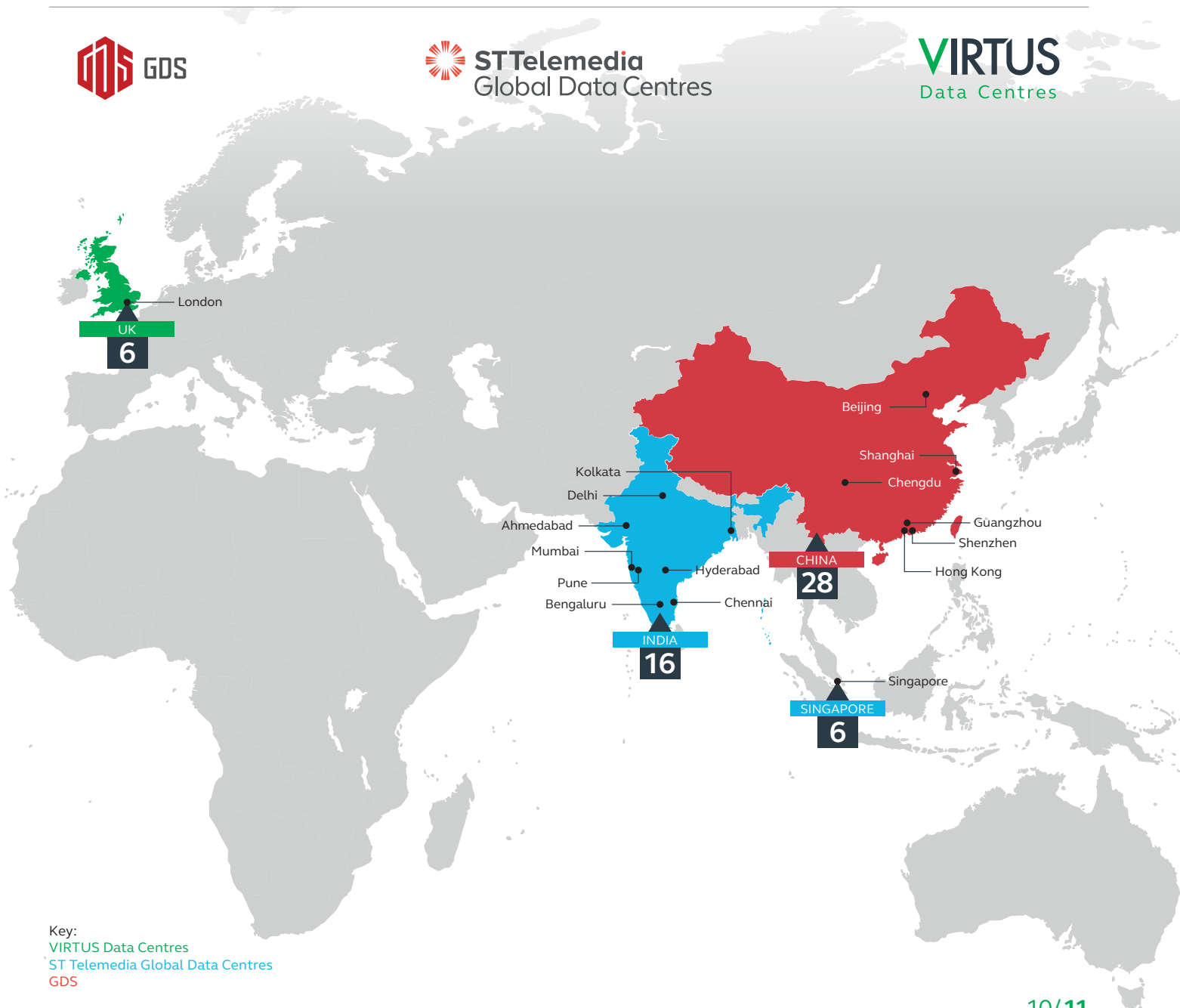
A web based interface provides customers with complete transparency and control of their collocated data centre usage. This enables customers to visualise their deployment and manage space, power, cooling and energy efficiency through a single view.

VIP provides a highly flexible system, which integrates core information from the data centre, giving customers real-time data of the facilities, building management and business IT systems.



A **Global Carrier-Neutral Platform** with Strong Local Presence

ST Telemedia Global Data Centres (STT GDC), GDS Services and VIRTUS Data Centres cover a large geography, including Singapore, China, India and UK. As a group, they create purpose-built, carrier-neutral facilities that focus on energy efficiency and flexibility to meet customers' requirements.





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For more information please go to: www.virtusdatacentres.com

VIRTUS Data Centres is a STTelemedia Global Data Centres company



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