



CUSTODIAN
DATA CENTRES



Connectivity

The super-highway to
the cloud.

Cloud Connectivity

In today's world there is an ever-increasing pressure on organisations to adapt and innovate in order to drive efficiencies, remain competitive and ensure future growth. Businesses are embarking on a journey of digital transformation, augmenting or replacing traditional IT infrastructure with agile cloud services and platforms. Whether replacing hardware with compute and storage in the cloud, or leveraging Software or Applications as a Service like O365, businesses are realising the cost and resource benefits of the 'IT as a Service' model and the on-demand flexibility it brings to the business.

With a diverse ecosystem of cloud solutions and service providers to choose from, each with their own unique advantages, businesses can utilize an array of services to meet their specific business demands. Hybrid and multi cloud environments make the integration of these services possible and the benefits a reality. However, the success of these environments and their performance relies heavily on connectivity capabilities.

Like every area of technology, connectivity and bandwidth services are evolving. Data centres can offer impressive connectivity capabilities and these are facilitating the move to cloud services. More and more businesses are replacing the traditional on-premises infrastructure in favour of private colocation and public cloud as a hybrid solution.



Connecting to the Cloud

Connecting via the public internet can leave businesses vulnerable. Lack of security, scalability and stability of service could lead to higher risk of data breaches and downtime. Public internet also lacks the flexibility to meet rapidly changing workload and application demands. These risks are not conducive to the benefits businesses are seeking to achieve with adopting hyperscale technologies and hybrid environments.

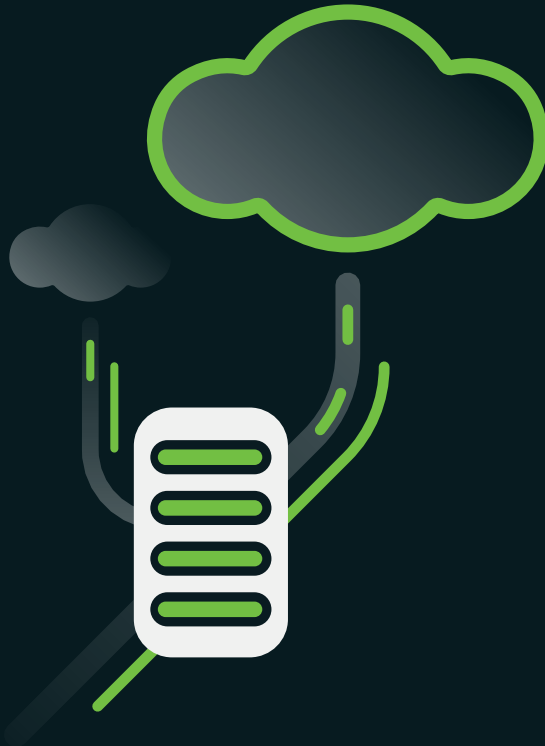
Some of the most popular providers such as AWS Direct Connect, Azure ExpressRoute and Google Cloud Interconnect provide onramp connectivity. This allows businesses to bypass the public internet and connect directly to their public cloud infrastructure through a private connection. With hundreds of onramps available worldwide, businesses can now benefit from private, secure connectivity into specific cloud regions with global reach.

Connecting to Multiple Clouds

The journey to the cloud is becoming more complex, and more often than not involves a combination of multiple public cloud providers, a colocation partner and private cloud environments.

Connectivity experts such as Megaport have transformed the way businesses and service providers interconnect multiple clouds via their Network as a Service (NaaS) model. Megaport's Software Defined Network (SDN) enables businesses to flexibly provision bandwidth on demand between multiple clouds and Megaport enabled colocation providers.

Network as a Service (NaaS) is a key component to an integrated IT strategy. It aligns the consumption of network capacity to the elasticity of cloud models through a web-based point-and-click environment. The on-demand provisioning and retained security through private connectivity provides the real time flexibility to respond to business demands and gain competitive advantage.



Benefits of a Megaport enabled Data Centre



Many data centres have stepped up to business demand and offer Cloud Connect services to facilitate their customers to take full advantage of hybrid environments. But, as with most services, they are not all built alike.

A Megaport enabled data centre can leverage the connectivity capabilities from the world's leading provider when connecting collocated infrastructure to public and multiple cloud environments. Businesses can gain seamless private access to more than 130 major cloud onramps globally with connection speeds up to 100Gbps.



Increased Security

A secure and private connection to the cloud, bypassing the internet to increase the security and integrity of your business-critical data.



Fast Provisioning

The web-based portal provisioning significantly reduces connectivity lead times compared with traditional network deployments.



High performance connectivity

Direct connectivity from the data centre to the cloud, ensures high-bandwidth, high availability, on-demand connectivity.



Increased Flexibility

Predictable yet fully flexible bandwidth. Ability to scale bandwidth up and down on-demand in line with your business demands.

Custodian Data Centres is a Megaport enabled data centre.

Custodian's Cloud Connect service provides businesses with the secure, scalable and high-performance connectivity they need to enable their hybrid and multi-cloud strategy.

Housed in Custodian's award-winning UK data centre, businesses also benefit from fanatical 24/7/365 support and free remote hands provided by our inhouse team of technical experts.

To maximise the benefits of your future IT strategy and ensure return on investment, speak with the Custodian team today on **01622 230 382** or email **info@custodiandc.com**

Visit Custodian Data Centres **custodiandc.com**