Telehouse **Enhanced Connect**
for Microsoft Azure

Location: Coriander Avenue, London, E14 2AA, United Kingdom

CLOUD/SaaS

OUR SERVICE FITS ON TOP OF
YOUR EXISTING SOLUTION

OPTIMISATION HERE

HQ

IP-SEC VPN

DIVERSE (MULTIPLE)
PATHS TO DESTINATION

...AND HERE...

TELEHOUSE

IP-SEC VPN

...AND HERE...

BRANCH
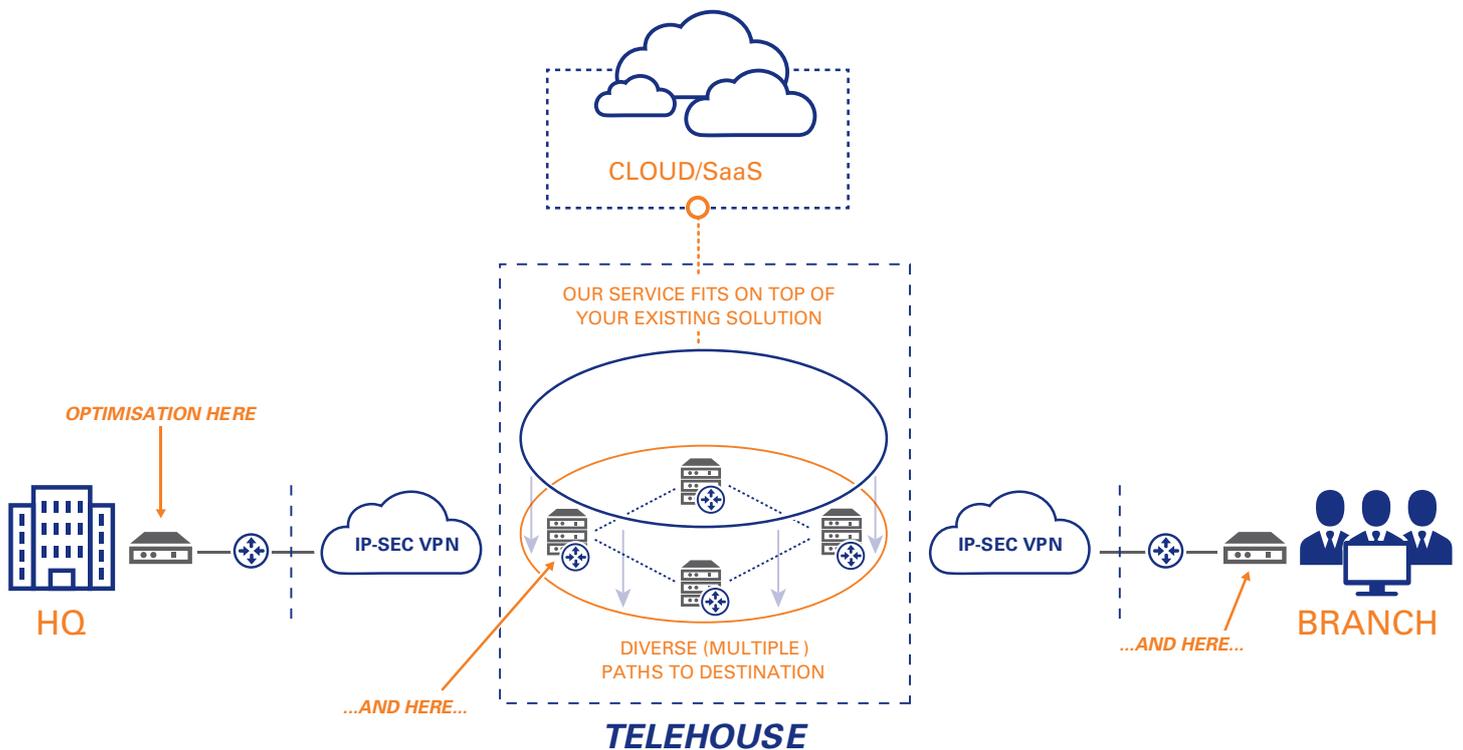
Telehouse Enhanced Connect for Microsoft Azure

Up to 40x application acceleration and 98% bandwidth reduction

The Rise of the Cloud and Microsoft Azure

Over the past few years, the cloud has evolved from a rather hazy concept to a set of real-world solutions for today's complex IT ecosystems. Enterprises are working with multiple cloud service providers and look to combine private, public, and hybrid cloud models to meet specific use cases.

Given this evolving cloud landscape, IaaS and PaaS platforms like Microsoft Azure are being evaluated for adoption owing to their global scalability, flexibility, and compatibility with multiple operating systems, languages, development tools, and frameworks. Microsoft Azure is on the rise. More than 57% of Fortune 500

companies are already using Azure in their enterprises. But small- and medium-sized enterprises are catching up fast. One of the primary drivers for Azure adoption is its ability to support multiple As-a-Service architectures. Another key driver is the fact that Azure helps ease growing IT complexity, while providing the obvious benefits inherent in any cloud service, such as cost reduction, operational efficiencies, and minimal capital investment.

The Network Manager's Dilemma

Cloud adoption comes with its own set of challenges. One of the major issues is application performance. The problem is that the way enterprises access any cloud service is over the public Internet, which

is unreliable at best. The public Internet is plagued with latency, congestion, packet loss and jitter – all of which reduce application performance. Furthermore, as enterprise data and applications move from behind the firewall to the cloud, MPLS and conventional WAN optimisation technologies (the traditional approach to long-distance access and application acceleration challenges) fail to deliver on their promises. Those legacy technologies simply weren't designed for cloud architectures. This disconnect ultimately leads to lower end-user productivity and even lower ROI. The same holds true for Microsoft Azure. If your users can't access it at LAN-like speeds, adoption rates and productivity will fall off a cliff.

Map to show POP locations of Telehouse Enhanced Connect

Telehouse Enhanced Connect for Microsoft Azure – The Future of Cloud Acceleration

Telehouse **Enhanced Connect enables the most advanced Cloud Acceleration** solution available on the market. **Enhanced Connect** provides access to the world's only global and private cloud overlay network that is within 1-5ms of most cloud service providers. Our Cloud Acceleration solution provides enterprises with an optimised, intelligent, private network that ensures accelerated access to applications hosted in public, private, or hybrid clouds. All enterprises need to do is use one (or more) Internet link(s) to connect to one of our 25 global points of presence (POPs). Thanks to the disruptive deployment model enabled by Telehouse, long deployment times are now a thing of the past!

While our private core network allows global enterprises to bypass the unreliable public Internet, our proprietary WAN optimisation software stack enables them to leverage the benefits of TCP optimisation, compression, and de-duplication technologies to maximise throughput and performance of their resources on the cloud. This breakthrough technology enables enterprises to focus on crafting a high-performance cloud strategy, with absolutely no concerns with respect to network performance.

Why Enterprises Choose Telehouse over other ExpressRoute Partners

Telehouse Enhanced Connect eliminates network performance issues experienced by Azure customers in a way that others can't match. Telehouse provides a number of advantages over an MPLS partner:

1. Our solution combines enterprise-grade private connectivity for the hybrid enterprise WAN with our breakthrough WAN optimisation technology. This results in much faster access to the Azure cloud, superior and predictable application performance, higher levels of reliability, and enhanced security for our customers.

2. Single deployment can take as little as three working days to be fully operational. With our unique deployment model, the opportunity costs saved through having a new office location live on the network so rapidly are unmatched.

3. Telehouse Real Time Performance Portal ensures visible and quantifiable quality and speed performance. SLA's are met through real time network data and analysis.

4. By joining the Telehouse community, customers benefit from being in the most connected data centre in Europe.

Key Benefits

Improved Azure access and performance
- Microsoft Azure access over private core network
- Up to 40x application acceleration and 98% bandwidth reduction
- SSL Proxy offers 4X improvement in number of end-to-end RTTs

Faster access to Azure servers
- POPs located close to Azure data centres
- Private links from POPs to Azure DCs

Real Time Performance Portal
- **Telehouse Enhanced Connect** portal ensures visible and quantifiable quality and speed performance
- SLA's met through real time network data and analysis

Data Centre Pioneer
- By joining the Telehouse community, customers benefit from being in the most connected data centre in Europe

In partnership with Aryaka

Telehouse. The First Name in a Connected World

Telehouse offer full end-to-end ICT solutions from design to implementation such as IP connectivity, system integration, LAN and software installation, system monitoring and virtual servers as well as premium data centres.

Speak to a member of our sales team regarding your requirements and we will propose the right solution for you. Telehouse can also assist in improving the efficiency of your existing IT infrastructure and the management of a comprehensive IT migration plan.

Contact our Sales Team:

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W: **www.telehouse.net**

FREE TRIAL

www.Telehouse.net/Enhanced-Connect