

Connected business

CloudConnect for Microsoft Azure ExpressRoute

Liquid Telecom offer a suite of connectivity products and services that provide our customers the ability to connect to global cloud services. These are facilitated by providing secure, resilient and high availability connections across our pan-African network.

CloudConnect for Microsoft Azure ExpressRoute

If moving high volumes of data quickly or using resource hungry applications in Azure, Microsoft Azure ExpressRoute is recommended for you.

Through our CloudConnect service, Liquid Telecom already offers ExpressRoute to European Azure data centres and will expand this by offering direct private connections to the South African Azure data centres in the first half of 2018. This will be the first time that businesses of all sizes in Africa will be able to access Azure on their own continent.

CloudConnect for Microsoft ExpressRoute will enable you to create private connections between Azure data centres and infrastructure on your premises or in a colocation environment, resulting in greater reliability, faster speeds, lower latencies and higher security than standard connections through the public internet.

Liquid Telecom is enabling CloudConnect ports at over 25 Points of Presence (PoPs) across Africa to support Microsoft Azure, and is also making major upgrades to Liquid Telecom data centres in Johannesburg and Cape Town to meet the needs of global cloud players and enterprise customers.

As an official Microsoft Cloud Solution Provider, Liquid Telecom can provide cloud services and products to Africa, such as Microsoft Azure, Microsoft Dynamics 365, Microsoft 365, Microsoft Office 365, Enterprise Mobility Suite and Windows 10.

The agreement with Microsoft brings together reliability and performance from Microsoft Azure with Liquid Telecom's award-winning fibre network.

Benefits:

CloudConnect for Microsoft Azure ExpressRoute is bundled into a single, flexible solution, giving you the benefit of dealing with one service provider that takes care of your connectivity needs.

- **Predictable**, with low latency, guaranteed bandwidth and security through bypassing the public internet, giving you a quality user experience and increased efficiency
- **Seamless, total control** as ExpressRoute provides full transparency between on-net and the cloud
- **Confidently secure** as the same security overlay is applied for on-net and the cloud service
- **Reduce capital expenditure** and move to an Opex model, saving you significant costs for ongoing and short-term applications and developments
- **Scalable** according to your needs with the planned self-service portal, enabling you to tune your connections in minutes, giving you the ability to rapidly deploy new applications and services
- **Flexibility** to choose the bandwidth required

Features:

Microsoft Azure ExpressRoute is delivered using carrier-grade connectivity with speeds from 50 Mbps up to 10 Gbps, supported by Service Level Agreements.

- **Resilient private and direct access:** dual links to customer premises or cage in a data centre and routed over a protected MPLS core
- **Latency** guarantees with traffic routed along the most optimal paths
- **Scalable bandwidth:** Increase your ExpressRoute circuit bandwidth without affecting existing connections, up to multi-gigabit speeds
- Up to **99.99% ExpressRoute circuit availability**
- Select from a **range of throughput** to Microsoft Azure and your infrastructure backed by a SLA
- **Dynamic routing** between your network and Microsoft over industry standard protocols (BGP)



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Take your business to the Cloud with CloudConnect

To take advantage of the numerous benefits of Microsoft Azure ExpressRoute, all you need to connect is the following:

- Dual link from your premises or cage at the South African data centre with a dual port. The two connections will require Border Gateway Protocol (BGP) running across both virtual connections for active-active redundancy
- Provisioning of layer 2 services on two ports with separate VLANs on the Liquid Telecom interconnect point
- Two routers or switches which have available ports and have BGP capabilities for active-active redundancy

Support

Keeping your business connected at all times is of utmost importance to us, which is why Liquid Telecom provides inclusive 24/7 support for your connectivity needs.

Microsoft Azure ExpressRoute Pricing Plans:

Customers have the following Microsoft Azure ExpressRoute Pricing Plans to choose from:

- **Unlimited Data Plan:**
 - Non-Recurring Charge
 - Monthly Recurring Charge
 - Billed at the beginning of the month
- **Metered Data Plan:**
 - Non-Recurring Charge
 - Monthly Recurring Charge
 - Outbound transfer traffic totalled, rated and billed at end of the month

Liquid Telecom, your digital transformation partner

We believe in the ambition and potential of the African business. That is why we combine our expansive reach, reliable, high-speed connectivity, state-of-the-art data centres and innovative digital solutions to augment your digital experience. Because we are not just a telecoms company. We are your digital transformation partner.

