

Transformed business Virtual Host / Managed Hosted Cloud

You need infrastructure that is scalable, agile and efficient to meet the demands of a modern business and which is hosted in a highly secure, and reliable environment. We understand this and have built our Virtual Host and Managed Hosted Cloud services to help you respond to changes in your environment.

Virtual Host and Managed Hosted Cloud, Liquid Telecom's virtual server hosting environment, leverages off the superior infrastructure of our data centre environments to offer you a similarly reliable compute environment.

The Liquid Telecom virtual server infrastructure environment delivers a customisable virtualised server environment to you. This platform delivers you the capability to rapidly deploy servers on a fully secure platform, whilst having the ability to elastically grow the power and capacity of the servers at any time.

Through the superior network access speeds available to Liquid Telecom, we are capable of unlocking potential in the virtual server environments that are unique to Liquid Telecom. The tight integration of the networking, storage and server platforms across our data centres, along with a hypervisor environment that provides full independence of underlying physical architectures allow Liquid Telecom to create unique and highly resilient virtual server environments that span multiple geographic locations.

Our Data Centres are strategically located at major regional trade hubs; and provide a secure and reliable home for all your business-critical data, thus providing you with the foundations for your company's digital transformation. We take care of the hardware and infrastructure, which allows you to focus on the things that matter to you; delivering your products and services to your customers without having delay time-to-market because of legacy hardware requirements. Additionally, by replacing your physical servers with their virtual counterparts, and consolidating them, you can reduce your hardware and maintenance costs.

How does Virtual Host or Managed Hosted Cloud grow your business?

- **You are more responsive** to business needs by removing the barriers, of high costs and long turnaround times, that are part of managing and deploying data centre physical infrastructure.
- **Your staff are focused** on core business services, while enjoying peace-of-mind knowing that your critical business data is fully secured 24/7/365.
- **You control your expenses by increasing or decreasing** capacity as and when required while enjoying state-of-the-art technology, connectivity and the services your business really needs to be competitive.
- **You comply with South African data requirements** because your data is hosted locally and not exposed to international operators.

What can you expect from Virtual Host and Managed Hosted Cloud?

With Liquid Telecom's Virtual Host and Managed Hosted Cloud service offerings, Liquid Telecom provides you with inherently secured and flexible virtual server infrastructures. Both Virtual Host and Managed Hosted Cloud provide you with the ability to create virtual servers to match your exact server requirements while ensuring end-to-end security and enterprise class resiliency.

- **Virtual Host** provides you with a pre-configured environment of virtual servers and networking designed to your exact specifications. Customers pay a fixed-billing per month with a minimum twelve-month contract term. There are currently four packages available:

Key benefits to using Liquid Telecom's Virtual Host / Managed Hosted Cloud:

- **Managed Hosted Cloud** provides you with the ability to self-create and manage your virtual servers via a web interface. You can choose any virtual machine size based on RAM, vCPU and disk requirements. Managed Hosted Cloud enables customers to quickly create, delete or modify virtual servers on the fly – increase and decrease capacity at any time. You only pay for the resources used – vCPUs, Memory and Disk space. Cost calculations will be constrained to the number of configured virtual machines based on vCPU, RAM and allocated disk space.



Virtual Host / Managed Hosted Cloud

Key benefits to using Liquid Telecom's Virtual Host / Managed Hosted Cloud:

- **Secure Full customer self-provisioning:** With Managed Hosted Cloud, you have full control of your virtual servers. You can create, delete and modify virtual servers at your own convenience.
- **Powerful Portal access:** The Managed Hosted Cloud platform is 100% web interface driven. You have full control of your virtual and cloud servers from a simple web interface – across different devices.
- **Full service elasticity:** For Managed Hosted Cloud, you can scale the size of your servers based on your business demand – increasing capacity when you need it and reducing capacity again in quieter periods.
- **Pay-per-use:** For Managed Hosted Cloud, you only pay for the resources used – CPUs, Memory and Disk space.
- **Enterprise class platform:** The Managed Hosted Cloud or Virtual Host platform is built on solid and reliable hardware and software. Unlike many local cloud operators, Liquid Telecom only used enterprise class hardware and software with the necessary vendor support contracts. This provides a cloud platform with unmatched reliability and stability.
- **Connections to private networks:** General cloud computing environments connect all the virtual servers to the internet – exposing servers with potentially sensitive customer data to the internet. With Virtual Host or Managed Hosted Cloud, you can connect your virtual servers directly to your private MPLS or Metro Ethernet networks – fully protected from the security threats of the internet.
- **Quality of Service Networking:** Liquid Telecom has ensured that we can guarantee the Quality of Service metrics on the network end-to-end. This ensures that the Virtual Host or Managed Hosted Cloud platform can be used even for network-sensitive applications like software PBX's, Video Servers, and more.
- **Security built in:** One of the key objections customers have to Cloud servers is the inherent insecurity of the platforms. Liquid Telecom designed the Virtual Host or Managed Hosted Cloud service with security built in. This encompasses the physical environment, the inherent security of the platform used, the configuration of the platforms and the perimeter security elements. All security elements are integrated to provide a consolidated security posture.
- **Full integration to Liquid Telecom services:** Apart from the ability of Virtual Host or Managed Hosted Cloud to seamlessly integrate with the Liquid Telecom Network assets, the Virtual Host or Managed Hosted Cloud platform will also integrate into all the hosting services - including Colocation, Managed Storage, etc. This ensures that customers can have a heterogeneous server environment across physical and virtual servers, allowing them to pick the best platform for the applications.
- **Locally based:** The Liquid Telecom Virtual Host or Managed Hosted Cloud platform runs from Liquid Telecom's data centres in Midrand, Johannesburg and Diep River, Cape Town. With locally based servers, you will have the lowest latency network connectivity to your servers for a better end user experience. By not having your data sent to servers overseas, with Virtual Host or Managed Hosted Cloud you can be rest assured that foreign countries will not have jurisdiction over your data and that you comply to personal data protection acts in South Africa.
- **Billed to the Liquid Telecom bill:** Managed Hosted Cloud services are billed to your standard Liquid Telecom bill - It does not require you to have a corporate credit card.
- **No exchange rate fluctuations:** All billing takes place in South African Rand. As a Managed Hosted Cloud customer, you will not be exposed to exchange rate fluctuations.
- **Pre-licensed with Microsoft servers:** licensing is not an issue as the platform comes prelicensed for Microsoft servers, although it also runs on other OS environments if that is the customer's preference.
- **Free your IT team from day to day data centre administration:** Make better use of your inhouse IT resources and improve efficiency and productivity by relying on the LTSA technical expert team and advanced data centre technology

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.



Virtual Host / Managed Hosted Cloud

Take advantage of our value-added services:

- Burstable per Gigabyte **Hosting Bandwidth, a pay as you use** hosting bandwidth, for access to **multiple gigabits per second** of internet speed, without any shaping or caps being applied to the internet traffic. Because of the dynamic bandwidth provision demand required with using data centre services, Liquid Telecom offers **usage-based billing for peak capacity required beyond the committed capacity**.
- **Microsoft Services Provider License Agreement (SPLA)** for licensing the **latest** eligible **Microsoft software products** to provide software services and hosted applications which can be added to your server contract
- **Managed Storage** provides you with flexible storage tier options enabling you to drive cost efficiencies by choosing the storage disk/type that best suits your business application needs.

Why Liquid Telecom Colocation

- Our Data Centres are strategically positioned and located at the heart of our most peered fibre network, offering customers the highest network availability from our data centres to any location nationally and globally.
- Africa's largest fully redundant fibre network means fast access to your hosted servers and data
- We offer a full range of hosting services – anything from Colocation to our inherently secure Cloud, you can mix and match to suit your needs.
- Choose our VPN to connect your branches to our data centers and get free bandwidth.
- Keep your data safe and secure in South Africa by hosting in our secure, and reliable Data Centres
- Our global-skilled and experienced technical data centre experts can design, integrate and fully manage data centre solutions that deliver the best possible performance for your business, backed by 24x7 support

About Liquid Telecom Data Centres

Designed, built and operated to the highest standards demanded by today's leading cloud providers, carriers and enterprises, our Data Centres provide businesses with peace-of-mind, regardless of the scale of requirement.

With an abundance of local and international carriers as well as leading cloud and content providers physically connected or located in our facilities, our Data Centres are an integral part of Africa's largest and most-peered open access network - The heart of Africa's digital transformation

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.

