







# Virtual Model Office (VMO)

## What is it?

Virtual Model Office (VMO) simulates the functionality of a physical office space in a safe, virtual environment. The VMO is connected to Cloud Gateway in an identical way to any other live site on your network. It provides an ideal space for new services and applications to be tested without risk of disruption to other sites or users. The architecture is deliberately the same to ensure that all performance testing carried out within the VMO is representative of a live, physical site.

## Key benefits

-  **No impact on live users** - VMO provides a safe space, separate from business as usual, allowing uninterrupted testing.
-  **No physical site** - With VMO, there's no need to transport personnel or hardware to the test site, saving time, money and resources.
-  **Reduced time to test** - VMO is deployed within minutes, providing a ready-to-use test lab, enabling faster time to test and a shortened time to market.
-  **A flexible testing space** - An adaptable virtual platform that can be used to replicate any real-world test in isolation.
-  **Real-world traffic and performance** - Test the functionality of cloud services using the same network infrastructure as the Cloud Gateway stack.
-  **Simple costing model** - A flat fee to provision and manage, with a monthly variable charge based on the volume of applications the client chooses to build within the VMO.

## How does it work?

By simulating the network connectivity of a specific site, and connecting it to Cloud Gateway's core infrastructure, we provide a dedicated testing space, using real-world performance, with no impact on live users. VMO is a fully managed service. We build the environment, manage all connectivity back to the tenant and cloud service provider, before handing over full control to the client.

## Onboarding

We require 5 working days from receipt of a valid purchase order to spin up a VMO. Multiple VMO's can also be provided, but may be subject to a longer lead time. Once provisioned, credentials for the relevant cloud service portal are provided to the client to gain access.

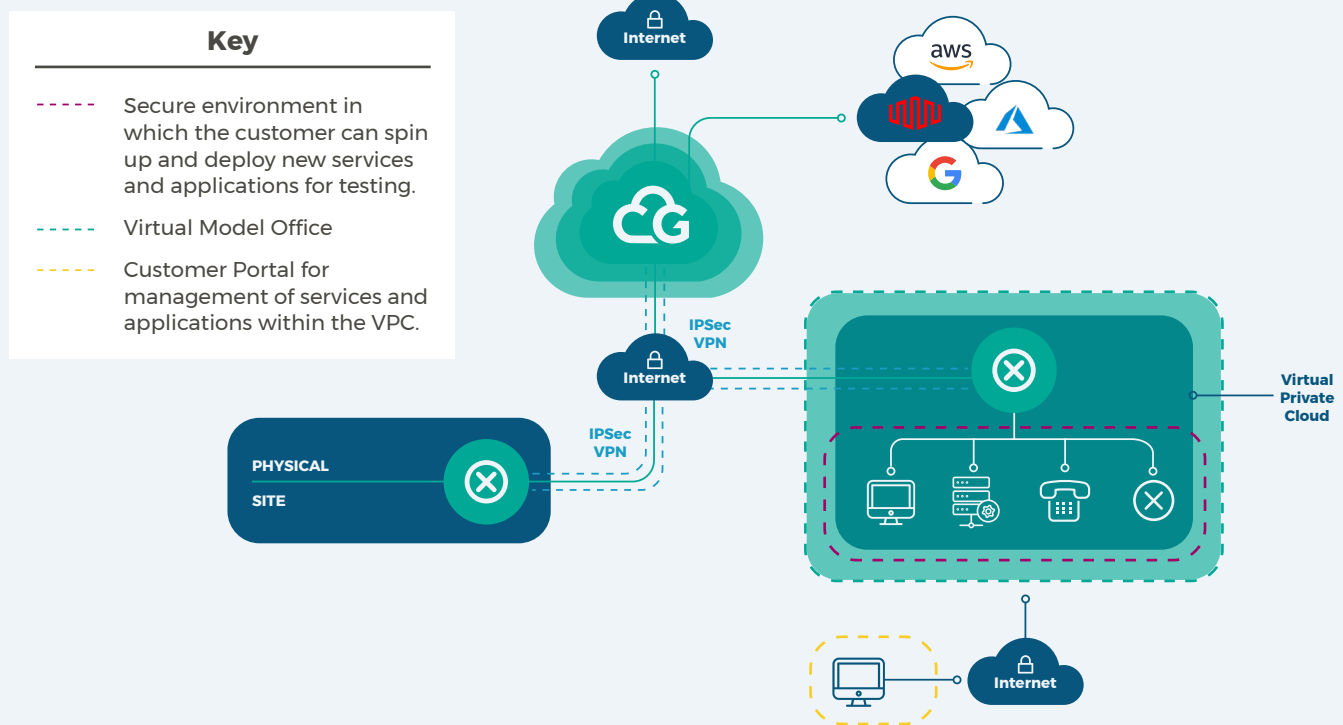
## Use cases

**A.** A company needs to re-engineer some of their applications into AWS before moving users over to it. There's a long list of upgrades which need to be tested without affecting real people. Cloud Gateway provisions VMO, allowing each application to complete their required work, and roll out the update on schedule. The VMO can then be scaled back until the next transformation, whenever that may be.

Alternatively, VMO can support a continual change programme, focussing on regular development, testing and roll out of their existing (and new) products. VMO enables our clients to maintain a regular test schedule, with applications booking their slot in the lab to do their work and move on.

**B.** A business has created a new service within a cloud environment, and needs to check performance and durability before rolling it out. If tested without any network traffic then they will not get a true reflection of the real-world environment within which it will eventually go live. It is also likely that they don't have the time, resource or networking expertise to replicate this themselves. The nature of the testing could be detrimental to a live site or its users, so an alternative solution is required.

VMO connects back to the core Cloud Gateway stack, providing as close to real-world network performance as possible, all within a safe testing environment. Using this, companies can rigorously test new services and applications, ensuring a robust product before roll-out.



## About Cloud Gateway

Cloud Gateway provides unique cloud-native innovation for fully agnostic hybrid cloud and multicloud connectivity. Securely connect your estate with multiple cloud service providers, the PSN, the HSCN and the internet.

Organisations of any size can harness the power and flexibility of hybrid cloud and multicloud but with greater control, pace and visibility. Cloud Gateway secures all your internet and network traffic, with rapid deployment and government grade security. Built-in flexibility ensures continuous change is future-proofed and reduces operating costs. By centralising connectivity, organisations have a single, timely and accurate source of truth, ensuring regulatory compliance and protection from cyber threats.

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