

Remote Access Service (RAS)

What is it?

Cloud Gateway RAS provides users with secure remote access to their company network via personal devices over the internet. With RAS, employees and third parties can access on-premise or cloud applications from anywhere, and at any time. The service is flexible, scalable, and can be configured according to specific policy, whilst also utilising existing IDAM services if required.

How does it work?

RAS sits at the heart of the customer's network alongside their Cloud Gateway platform, harnessing the centralised connectivity of the core production stack. The service connects remote users via an IPsec VPN internet connection to any physical site or cloud application, providing the same user experience as a traditional on-premise connection.

Cloud Gateway RAS is built in a cloud environment, allowing it to automatically scale on demand, free from the limitations associated with physical infrastructure. Crucially, RAS is equipped with fully resilient security protections, ensuring business critical traffic is secured whilst in transit over the internet. All remote activity on the network is logged and visible.

Key benefits

-  **Seamless scaling** - RAS sits in a centralised location, and adjusts to demand. Built on the cloud with no physical hardware constraints, RAS can be linked to an existing IDAM solution, scaling when required.
-  **Configurable access** - Policy can be configured to grant access to specific parts of the network, enabling full control over what employees and third party providers can access whilst off-site.
-  **Self provisioning** - Users can safely and remotely install a client to their own device, using a URL supplied by Cloud Gateway. The remote user doesn't need to visit site, which reduces operational costs and IT department demand.
-  **Dependable security** - Traffic is managed in accordance with robust security standards, and is logged and visible. Business critical data remains fully secured from end-to-end.
-  **Pay as you use** - A simple, transparent pricing model based on the volume of remote users and network demand. Billed monthly.

Onboarding

We require 5 working days from receipt of a valid PO to provision the RAS enhancement.

During the onboarding process, Cloud Gateway configures customer-defined policy rules that govern which services are accessible via RAS. This granular level of control ensures remote users are able to access all the applications they need (be they on-premise or in the cloud), whilst excluding services that are not relevant or deemed sensitive.

Access for individual users can be achieved by configuring RAS to connect with an existing IDAM solution, either in an on-premise or cloud hosted location. Remote users can self-provision their remote access by following a URL provided by Cloud Gateway, using the same login credentials they already use everywhere else.

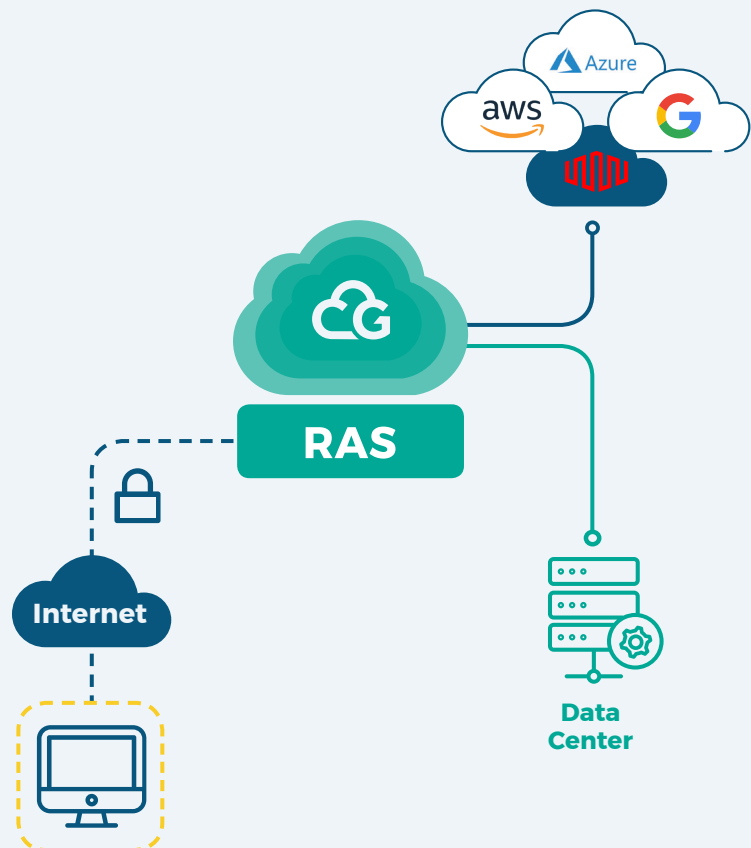
Key

- Secure RAS solution for business and third party users.

Use case

A company is undergoing significant change. Amongst other changes, existing IT applications are being moved to the cloud (with the help of Cloud Gateway), and flexible working initiatives have been introduced to allow staff to work from home. Remote connectivity needs to be secure and seamless for employees, but must avoid increasing technical debt within their on-premise data center, which is going to be shut down in the near future.

Cloud Gateway provisions the RAS enhancement alongside their core platform. From the heart of the network, and without relying on legacy circuits, RAS lets users connect remotely to both new cloud applications and legacy services that have not yet been migrated. By connecting to the company's existing IDAM solution, all approved users are given a URL and some simple instructions to set up their own remote access. This takes the burden away from the IT team, who can now dedicate resources to their digital transformation.



About Cloud Gateway

Cloud Gateway is an innovative UK-based startup founded in early 2017. It is pioneering the Agile Network and has developed an award-winning hybrid cloud PaaS solution that provides businesses with both the mechanism and resource support to adopt, develop and operate cloud, hybrid cloud and multicloud environments. Cloud Gateway isn't just a disruptive technology, it is disrupting the entire IT industry.

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