HSCN Connectivity

What is it?

Cloud Gateway provides a hybrid cloud connectivity platform that securely connects your organisation to the HSCN, PSN, cloud service providers, and the internet. Our centralised cloud-native solution has PSN and HSCN connectivity, and is used extensively within central government.

Taking an 'Internet First' approach in accordance with NHS objectives can be a complicated process, with multiple network endpoints and legacy infrastructure to connect. By combining HSCN, internet and cloud connectivity in a single, secure platform, Cloud Gateway provides the first step towards meeting these requirements.

Connect to the HSCN with Cloud Gateway

Understand Requirements

The first step towards HSCN connectivity is to fully understand your requirements by answering a series of questions.

Are you providing or consuming HSCN services?

It is important to understand how you will be using the HSCN, including the flow of traffic in and out of your network.

How does HSCN IP address allocation work?

Cloud Gateway can advertise your HSCN-allocated IP addresses into HSCN, or we can provide the IP addresses for use with Cloud Gateway.

Contractual Terms

The minimum contract term is 12 months. Capacity is calculated as the aggregated bandwidth throughput at any time.

Do you need basic or advanced security?

Cloud Gateway can provide security ranging from L3/4 firewalling, to end-to-end encryption with deep packet inspection and full network visibility.

Do you have any internet connected sites?

Do you have any internet-based entities (users or sites) that require access to HSCN and/or your cloud environments?

Managed Service

The platform is delivered as a fully managed service, supported by a service model run by a specialist team of industry experts, following the new VerISM approach, **backed by SLAs**. Enhanced support up to 24/7/365 is available.

What bandwidth do you need?

Cloud Gateway offers bandwidth options from 10Mbps up to 10Gbps. Cloud Gateway is available to purchase as a bandwidth license, billed monthly.

How quickly do you need to connect?

Cloud Gateway can connect you to the HSCN **immediately**, on completion of the connection agreement and shared responsibility document.

Deployment

HSCN Connection Agreement (CA)	All organisations that want to send or receive data across the HSCN must sign a Connection Agreement for use aligned with the HSCN Access Policy. Cloud Gateway can provide guidance, if required, to help you identify and complete the correct CA for your organisation.
Cloud Gateway shared responsibility document	In addition to the CA, you must also read and sign our shared responsibility document. This document sets out the obligations from both Cloud Gateway, and yourselves, to ensure fair and proper use of the HSCN once connected.
Connection Onboarding	Cloud Gateway will provision HSCN connectivity via our platform, to your network. You will create an ExpressRoute within your Azure console, and supply Cloud Gateway with the Service Key. We will then connect your ExpressRoute to your Cloud Gateway instance.
Policy	Based on your security policy enforcement needs (firewall / UTM changes), Cloud Gateway will enforce policy as part of a fully managed service, inclusive of free standard changes per month. We become the custodians of your policy.

The HSCN and Cloud Gateway Ecosystem
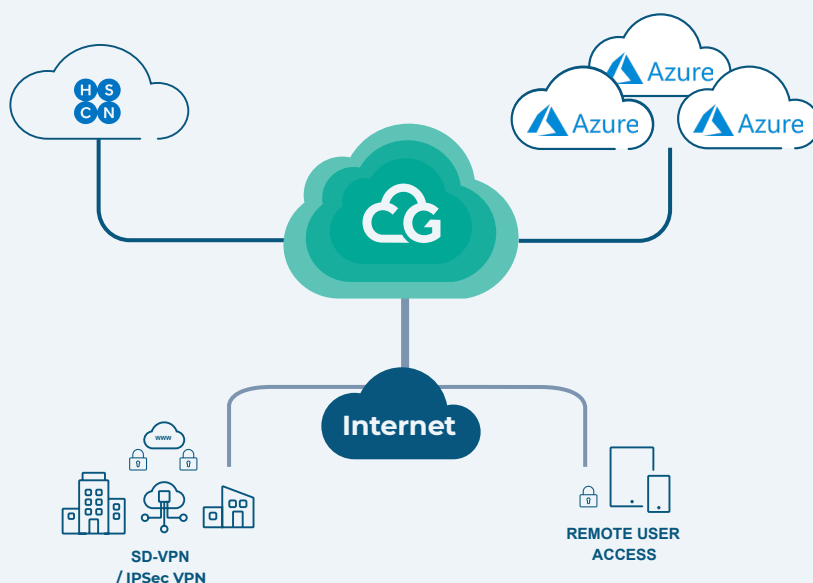
About Cloud Gateway

Cloud Gateway provides a truly cloud-native, hybrid cloud connectivity platform (PaaS) which securely connects anything on your estate with multiple cloud service providers, the PSN, HSCN and the internet.

The Cloud Gateway platform allows organisations of any size to 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 built-in flexibility to address continuous and future change and reduce your operating costs. By centralising connectivity, organisations have a single, timely and accurate source of truth, ensuring regulation and legislation compliance and protecting you from cyber threats.

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