



Today's web applications are essential to business operations and profitability. A poor performing website or cloud/web application can quickly impact customer satisfaction, affecting efficiency and brand reputation. Organisations have often outgrown their existing internet service and suffer from slow web applications and browsing, while having a seamless connection is business critical.

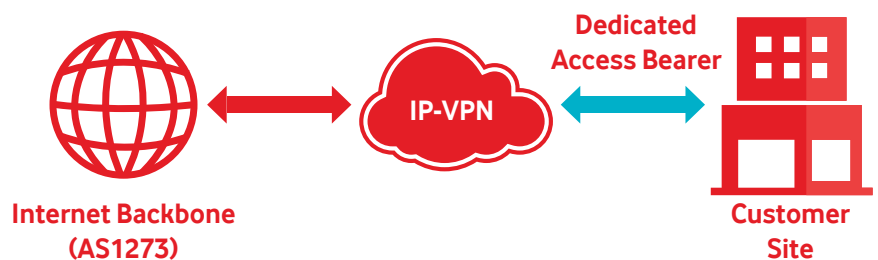
Vodafone Internet Access is a fast and reliable service that connects you directly to our global IP backbone. The global IP Backbone peers with Tier 1 internet service providers, content delivery networks, and cloud service providers in APAC, Europe, Middle East, and the US.

The scale of our network provides customers with low latency, high speed uncontended internet access services at their sites. Vodafone Internet Access can be delivered to enterprises in a number of methods to suit specific requirements.

Internet Access Delivery Methods

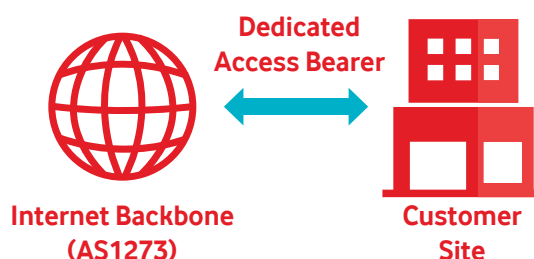
1. Through a dedicated circuit into an IP-VPN PoP

This provides customers with up to 1Gbps internet access service speeds. The service is delivered to customers by connecting their site into the nearest IP-VPN PoP.



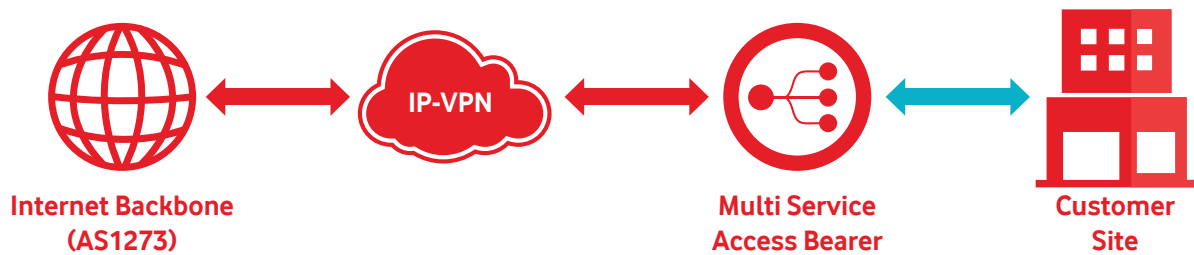
2. Through a dedicated circuit into an AS1273 PoP

This provides customers with greater than 1Gbps internet access service speeds. The AS1273 network is Vodafone's internet backbone for carrying internet traffic. Customer sites in locations where AS1273 PoPs are present will be connected directly to them for the delivery of the service.



3. As part of an IP-VPN service

This provides customers with up to 1Gbps internet access service speeds. Existing customers with an IP-VPN service can re-use the access circuit into their site for the delivery of the internet service.



Service features

- **Distributed Denial of Service (DDoS):** reactive and proactive denial of service mitigation and black-holing.*
- **Email and internet proxy/filtering:** cloud-based solution for protecting against spam emails, viruses and unwanted content across every inbound and outbound email. Protect your corporate network from incoming internet traffic, web filtering and caching for outgoing traffic to provide a better user experience.
- **Resilience:** We are able to provide a second resilient service into your site for added protection where a higher overall annual service availability can be offered.
- **Burstable Bandwidth:** Burstable Bandwidth allows you to exceed your contracted bandwidth based on your access circuit and committed rate. For example, you may have a committed bandwidth of 10MB but require bursting to 20MB. This is ideal for businesses with busy month-ends and time-critical communications.
- **Domain Name Services (DNS):** a packaged registration, transfer and hosting service for your business. DNS resolution, SMTP mail and primary and secondary DNS are additional features.
- **IPv6 addressing and Autonomous System Numbers (ASNS):** we are able to assign IPv4 public IP addresses (for PA addressing) and IPv6 addresses (for PA and PI addressing). Note: IPv6 addressing is not feasible on NBIA.

Meeting your specific business needs

- **Internet access:**
We will help you to choose the right internet access for your business
- **Bandwidth and security:**
We will help you to decide on your bandwidth and recommend internet/security feature requirements
- **Competitive pricing:**
We will help you find the perfect balance between reducing costs and improving efficiency whilst maintaining a reliable and secure service.
- **Great service:**
Our SLAs range from next business day to 4-5 hours critical fault fix times. We offer a managed and maintained service so you can focus on your core business – we take care of the rest

* Please check with your Vodafone partner for specific country availability.



Improving network reliability to support rapid growth

The Challenge

One of our customers, a major global leader in media services and retailing, and one of the world's best-known brands, was using a legacy network which was ageing and unreliable. Its service was complex, time consuming and costly, resulting in slow web applications and internet browsing which was affecting brand reputation and profitability.

The Solution

We delivered Dedicated Internet Access over an existing IP-VPN service to about 100 stores in EMEA, helping the company achieve their plans for rapid global expansion.

As a result of the solution, the company benefits from:

- lower costs and simplified processes by reducing the number of circuits from six to two per store
- more flexibility in their approach to do business
- quicker transactions and internet browsing by connecting to our world-class global IP backbone
- in-country capability over our global IP-VPN, rapid deployment and a complete set of services for better operational efficiency

Why choose Us?

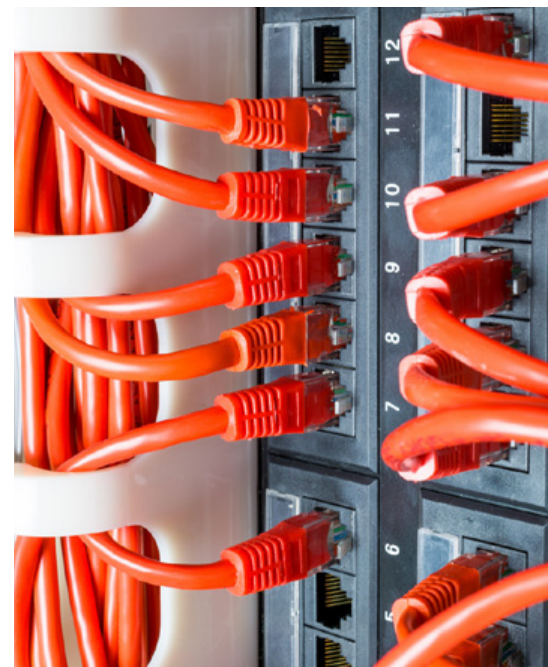
Vodafone Dedicated Internet Access provides direct connection to our global IP backbone at a range of fixed and burstable bandwidths from 2Mbps to 1Gbps. Major content distribution networks and millions of internet endpoints are directly using our global IP backbone which extends across Europe, Asia and the US with a capacity of 5 Terabytes and over 4 Terabytes of peering with other Internet Service Providers (ISPs). This makes for a truly fast, reliable and exceptional service.

Due to the extensive peering relationships that Vodafone's global IP backbone has, this also provides a more efficient and reliable internet connection with reduced Autonomous Systems (AS) hopping and points of failure, which are critical for your business operations and profitability. This makes it one of the world's most reliable networks. Vodafone IP-VPN Internet Access provides additional internet and redundancy options to tailor your service exactly the way you want it.

But it's not just about performance and speed – internet security is crucial. Distributed Denial of Service (DDoS) attacks and cybercrime are on the increase, as is employee mobility. Protecting your websites, email, content and corporate boundaries is becoming imperative for all businesses. Vodafone Internet Access services provide a range of security options to protect your business from these threats.*

What's more, for new customers we offer free of charge installation for three or more year terms (subject to survey and not including a fibre dig).

* Please check with your Vodafone partner for specific country availability.



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The future is exciting.
Ready?

