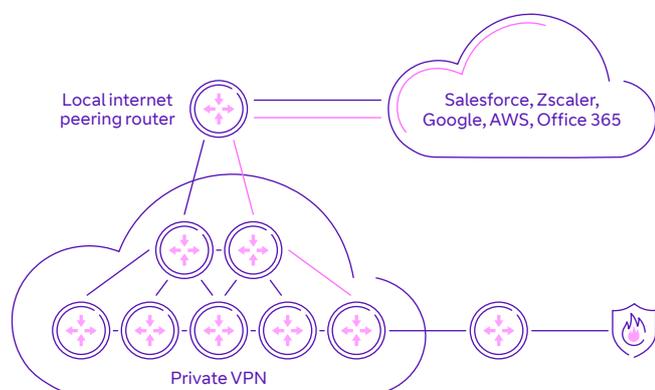# High quality MPLS and internet services over a single network connection

Our Multi-Service Access capability is a game changer for your business. With it, we can divide your MPLS and business internet traffic so you get both services over the same network connection. You won't have to wait for new connections to be installed and can use some of your current bandwidth to connect directly into the internet. That will help to stop data bouncing around your MPLS VPN to get to a central Internet gateway or data centre and degrading the network experience. Especially now as the demand for SaaS and cloud applications are accelerating your business.

IP Connect Global is our key building block – and the foundation layer – for Wide Area Network (WAN) solutions at critical or important sites that need predictable performance backed by strong service levels.

It's based on MPLS technology over a private and secure VPN. Our MPLS reliability is built on a modern and dynamic network service that is tuned for the future, one which thousands of our customers rely upon. We know modern networks aren't based on a single service but a range of services which create an effective hybrid solution.

MPLS provides critical site connectivity but needs internet service to complement it. That gives diversity and resilience – giving the option of multiple paths for different types of traffic or backing up critical connections at important sites.

Local internet peering router

Salesforce, Zscaler, Google, AWS, Office 365

Private VPN

Adding Multi-Service Access will give you:

High performance Internet. Using our high performance, uncontended (1:1), synchronous bandwidth is ideal to ensure your applications perform at their best across the internet, improving your user and customer experiences and uptime with better response times.

Coverage in key locations. Our performance driven Direct Internet Access (DIA) service, on Multi-Service Access is available in multiple countries. Helping you to simplify supply chains and bring performance together across sites.

Resilience and choice. Our range of resilient options combine to give high uptime and centralised co-ordinated global support. We configure and design around your needs.

Cost and time to deploy. By using your existing BT connections, you can bypass the cost and time required to set-up and install new services, making you more agile and ready for change, increasing your speed to adopt the cloud.

Improved security. Being a trusted partner for many businesses we've needed to develop a full portfolio of security that protects and detects threat. We keep governments and countries safe with the expertise we have, and we'd be happy to share our experience to advise you.

Service Level Agreements. With comprehensive service level agreements and 24x365 service support that monitors the core network you can be assured we will meet our commitment to you.

BT

Streamlining your connected world

Your challenges

Cloud migration

Traditionally organisations have hosted their data, applications and Internet breakout at strategically located data centres with the user accessing these services over the Private WAN.

More and more, companies are moving data and applications to cloud computing environments across the Internet. These changes address problems like rising cost for increased bandwidth, increased latency driven by rising demand and generally the expanding and increasing footprint of the data centre.

By using Multi-Service Access there's an immediate way to get to cloud-based data applications. Internet traffic can break out locally at the site direct to the cloud, removing the need to route this traffic to the data centre. User experience is also improved by reducing the latency and sending the traffic direct to cloud.

Data centres

Data centres typically will have both Internet and Private WAN connections because they require high bandwidth and resilience. And that means you'll have multiple routers and pieces of equipment taking up space and needing to be looked after. By using Multi-Service Access, Internet and Private WAN connections share the routers and save duplication and complexity. You can of course retain resilience, but Multi-Service Access gives a tangible way to reduce cost and improve performance to SaaS applications.

Cloud preferred routing

We can treat each connection and traffic as you need. Steering Internet traffic across our core and out through the designated or nearest breakout peering node. And you can keep your Azure hosted ERP system traffic, which needs the control and performance of MPLS, on your Private WAN. This results in faster breakout and response times into Office 365 and stops you having to backhaul all traffic through your Private WAN.

SD-WAN

SD-WAN has enchanted the networking market, but your overlay SD-WAN can only perform as well as the connectivity that underpins it. If your foundation layer isn't strong then your user and customer experiences will be impacted. We can model and show how our MPLS VPN and Internet services are working for many customers to give them enhanced connectivity and responses across the public Internet.

Why choose BT?

Choice – Whatever your approach we can support it, our extensive portfolio and expertise we can take away your headache and provide connectivity that works wherever you want it.

Experience – We design, build and deliver solutions to the world's largest multinational corporations, we use that heritage, experience and understanding to ensure your solution works.

SD–WAN solutions – can be fully aligned with BT network services like Nokia Nuage, Cisco SD–WAN, Meraki, Riverbed, Fortinet and VMware to give improved application visibility and control with potential for lower WAN overheads.

Security – We have over 3,000 security professionals protecting our network environment working to stop cyber crime for our customers. We offer options for site-based firewalls, cloud-based security and DDoS (Distributed Denial of Service) protection.

Support – We continually develop our service capability to proactively resolve issues before they happen. If something does go wrong on our managed service then you have one number to call to get it fixed.

What could Multi-Service Access do for you? Visit www.btireland.com