

BT IP Clear – Create secure and reliable corporate IP VPNs

The nature of today's economy demands a secure way to stay in touch. Using BT's wholly-owned Multi-Protocol Label Switching (MPLS) infrastructure, IP Clear can help you connect sites with different bandwidth requirements, in order to create a secure, corporate IP Virtual Private Network (VPN).

Service description

Whether you already have a VPN or you need to start from scratch, IP Clear is the simple way to obtain a scalable and flexible VPN, featuring the true any-to-any connectivity of BT's dedicated MPLS platform.

Designed specifically to converge Voice over IP, mission-critical applications and standard data traffic over a single IP infrastructure, IP Clear can help you create secure intranets and extranets, and communicate efficiently with your colleagues, partners and suppliers.

Benefits

- **Full range of access types**
With leased line and Ethernet access options complemented by our cost-effective ADSL Plus (contended), ADSL Premium (Uncontended) and dial access, IP Clear has a full range of access types and bandwidth options to suit all customer requirements for both primary and backup connections.
- **Optimal support for convergence**
IP Clear offers six Classes of Service (CoS), meaning you can converge your voice and multiple data applications over a single platform, and ensure optimal performance for all your mission-critical applications – prioritising traffic and tailoring individual CoS bandwidths to your specific needs. IP Clear CoS also offers the option of a multimedia class, which can be optimised for this type of traffic.
- **Any-to-any connectivity**
Because the IP Clear service is fundamentally 'connectionless', sites can exchange information without the need to establish fixed links. IP Clear can therefore help you to scale VPNs more easily, in order to take advantage of distributed hosting.
- **Increased cost-effectiveness**
IP Clear features no fixed connections, meaning there are no usage-based Permanent Virtual Circuit (PVC) charges, and infrastructure costs are shared. This, along with our low cost ADSL access solutions, means a corporate grade IP VPN is even more affordable.

- **Greater scalability and flexibility**
A single VPN built using IP Clear can support thousands of sites. And because all IP Clear and IP-enabled sites can work together seamlessly, you can have scalable, flexible access to your IP VPN – via access bandwidths ranging from 56Kbit/s, all the way up to Gigabit speeds.
- **A high level of resilience**
Our MPLS core infrastructure is maintained and managed end-to-end by BT – thereby ensuring you the utmost levels of security and reliability. And with full backup procedures that will re-route your vital voice and data traffic in the event of an emergency, the result is a highly resilient platform that is also fully prepared for almost any eventuality.

Benefits at a glance

- Full range of access types
- Optimal support for convergence
- Any-to-any connectivity
- Increased cost-effectiveness
- Greater scalability and flexibility
- A high level of resilience

Features

- **Fully unbundled service**

No routers are included with the IP Clear service, giving you the flexibility to build a network that suits your needs. BT can provide you with the equipment should you wish to purchase it, or we can manage a complete solution.

- **High access speeds**

IP Clear is accessible using a range of speeds – from 56Kbit/s dial up, all the way to Gigabit.

- **Simple network integration**

Integrating IP Clear with IP-enabled CellStream, FrameStream or SMDS makes IP Clear ideal for merging networks – or for those organisations looking to make a gradual move to IP.

- **Range of service add-ons and extras**

We have a wide variety of extra services and add-ons that will complement your IP Clear service. Our IP Dial Access option, for example, enables you to dial into your corporate VPN via PSTN, ISDN or mobile. IP Clear Flex, on the other hand, helps you flex your bandwidth simply and easily with three ranges: up to 2Mbit/s, up to 100Mbit/s and up to Gigabit. And for those looking to communicate internationally, our IP Clear Reach service can extend the security of your VPN, connecting you with sites in any of over 80 countries around the globe.

Features at a glance

- **Fully unbundled service**
- **High access speeds**
- **Simple network integration**
- **Range of service add-ons available**

Access types

Leased Line

Available at 128Kbit/s, 256Kbit/s, 512Kbit/s, 1Mbit/s, 2Mbit/s, 34Mbit/s and 155Mbit/s.

Flex – allowing 'flexing' of bandwidth at short notice.

Available in three ranges;

- At a variety of bandwidths from 384Kbit/s up to 1984Kbit/s,
- At a wide range of bandwidths from 4Mbit/s to 100Mbit/s,
- At larger bandwidths up to Gigabit.

ADSL Access

Available in both contended and uncontended variants at 256Kbit/s, 512Kbit/s, 1Mbit/s and 2Mbit/s.

Why BT?

As a global IT and networking services company, BT has a legacy spanning two decades in the field of international business. Trusted today by some 80% of the FTSE 100 and 20 out of the top 50 Fortune 500 companies to keep their data live and fully protected, our wholly-owned MPLS infrastructure – one of the largest of its type worldwide – can carry your traffic securely and steadily to a growing number of destinations across the globe.

In an economy that depends on the ability to get connected, BT can help you design, develop and manage IT and communications that are more powerful, more straightforward, and worry-free.

**For more information on IP Clear,
contact your account manager,
or call Freephone 0800 672 438**

**Alternatively, you can e-mail us at
sales@bt.net or visit www.bt.com**



Offices worldwide

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