

BT Infonet IP VPN Secure

BT Infonet's IP VPN Secure is a fully-managed private IP business network service that provides secure, multi-class and reliable MPLS IP VPNs. IP VPN Secure offers the benefit of the Internet Protocol (IP) with an awareness of applications enabling the service to map desired application performance with existing network priorities. Using both Multi-Protocol Label Switching (MPLS) and classes of service (CoS), IP VPN Secure has become a natural choice for the convergence of voice, video and data, and integrates with the Internet (as needed) for extended intranet and extranet applications. This feature-rich service provides an improved return on investment (ROI) for clients rightsizing their network configuration to address application requirements.

Internet Services

IP VPN Secure offers:

- Network Transport using a private IP network for secure, reliable, and consistent performance
- Secure IP VPNs based on native MPLS in 57+ countries
- MPLS-based VPN creation for flexible and scalable any-to-any VPNs
- Five classes of service offered via eight port types transporting multiple applications on a single network
- Quality of service (QoS) with service level agreements (SLAs) for each CoS
- Patent-pending Network Analysis Program (NAP) methodology to maximise the CoS while optimising application performance
- Web-based and customer-specific reporting with SLA reports for each CoS
- Use of registered and non-registered Private Addresses

IP VPN Secure

IP VPN Secure is the flagship service within BT Infonet's IP VPN offerings. IP VPN Secure can be extended to sites on BT Alliance 57+ country network and, even further, to the public Internet, reaching remote places for e-business transactions using third party ISPs.

IP VPN Secure, based on MPLS technology, provides both intelligence and flexibility for clients' existing networks. The service also creates highly secure and scalable any-to-any VPNs by using membership lists — rather than pre-defined connections — to create VPN Closed User Groups.

IP VPN Secure offers five classes of service built into the port that enable users to personalise the way the network handles each application. By using idle capacity for latency-sensitive applications, the service increases efficiency and alleviates the requirement for alternative networks.



BT Infonet's IP VPN Secure offers the following classes of service and target applications:

Classes of Service	Application Types	Applications
IP/RealTime Voice	Highly sensitive to delay and variation between packets	Voice
IP/RealTime Video	Highly sensitive to delay and variation between packets Bursty in nature	Videoconferencing, desktop conferencing
IP/Interactive	Non-bursty enterprise applications that are interactive transaction oriented or time dependent in nature	Telenet, Citrix (depending on applications) AS400, medical telemetry, SAP, Oracle, (depending on version and modules), etc.
IP/Lan2Lan	Bursty, general applications such as client/server technologies Web-based applications	SAP, Oracle, PeopleSoft, Siebel, LotusNotes, MicroSoft Exchange, Bursty applications, etc.
IP/Access	Non mission-critical applications such as Internet browsing and other best-effort applications	FTP, HTTP, email, etc

BT Infonet's three-layer IP VPN Offering:

BT Infonet offers VPNs based on Frame Relay, ATM, IP, Remote Access and application VPNs. There are three IP-based VPNs:

- IP VPN Secure is built on a private IP network and is completely isolated from the Internet
- IP VPN Internet runs on BT Infonet's Internet network and offers VPN security, SLAs and Web-based reporting
- IP VPN OffNet extends any of the BT Infonet VPN service offerings to the public Internet, connecting to locations, serviced by third party Internet providers using IPSec/PKI technology

Application Defined Network and Consulting

BT Infonet supports its clients with consulting services and analysis tools that enable them to select the VPN solution that best meets their requirements. The NAP tools measure the performance of each application on the LAN and simulate alternative network solutions that address the behaviours of each enterprise application.

Simple and flexible pricing structure

IP VPN Secure is offered via eight pre-packaged port types. Each port type consists of one or more classes of service. The pricing structure is based on one flat monthly fee for each port type. Furthermore, the percentage of the port assigned to an individual CoS can be customised with respect to that port type at no additional charge. The simplicity and flexibility of IP VPN Secure pricing makes it easy to budget expenses associated with the cost of the service.

IP VPN Secure addresses growing client needs for differentiated CoS over a private IP network. As a fully-managed service on a private IP network, IP VPN Secure offers the predictability and performance necessary to support applications over a reliable global network, with 24/7 customer support, uniform network management and global fault-reporting IT systems.



About BT Alliance

BT Alliance is a partner programme which supports BT Global Services in the selling, distribution and support of a range of products and services from across the BT portfolios.

Known for quality of service, BT Alliance partners are leading providers of managed network communications services for multinational entities. Being a customer of a BT Alliance partner gives you confidence that you are dealing with a recognised, certified partner who can provide you with best in class products provided by BT Alliance and supported by trained staff.

Working with BT Alliance partners, customers have access to a comprehensive BT portfolio given that BT's partners take advantage of BT's large and significant annual investment in R&D to bring the right product to market at the right time and price.

Customers can be assured that their local and global needs are taken into account, as BT Alliance partners not only partner with BT but with each other.

For more information about BT Global Services and the BT Global Services Product and Solutions portfolio, please visit www.btglobalservices.com.

Additional information about BT Group plc is available at www.bt.com/aboutbt.

BT Alliance

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