



AT&T Enhanced

Virtual Private Network – Private IP Option

Supported by proactive service guarantees, the AT&T Enhanced VPN – Private IP Option delivers an MPLS-based private business network that increases efficiency through application prioritization and global, secure any-to-any connectivity.

AT&T Global Services

AT&T is world famous for building and maintaining high-quality, reliable networks for the new economy. When you choose AT&T Global Services, you get an industry leader in networking — with a robust corporate and technical infrastructure and the combined expertise of over 36,000 networking professionals around the globe.

Global solutions for all kinds of businesses

With years of experience creating managed network access and secure intranet and extranet solutions for companies just like yours, AT&T Global Services can show you how to reduce your investment in network equipment and systems, and enable your networking personnel to focus on core business growth initiatives instead of simply delivering network services.

Unmatched customer support

To get your network up quickly — and keep it running smoothly — you can depend on the AT&T Global Services business infrastructure, offering you state-of-the-art online account management tools and a single point of contact for end-to-end global network service delivery. Should you require assistance, AT&T Global Services' customer support is second to none — our help desks operate 24 hours a day, 7 days a week.

AFFORDABLE, SCALABLE AND EFFICIENT GLOBAL NETWORKING THAT GETS YOUR PRIORITIES STRAIGHT.

With a growing demand for video, voice, and data network services throughout the world, you need economical, reliable and seamless communications that transcend national and geographic boundaries.

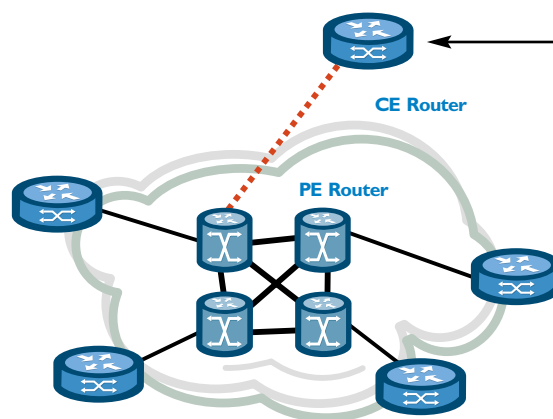
AT&T Enhanced VPN – Private IP Option provides just the answer you need: globally consistent, fully-managed, provider-based Virtual Private Network (VPN) services. Deployed across the AT&T Global Network using the Multi-Protocol Label Switching (MPLS) standard, Enhanced VPN – Private IP Option offers an efficient, scalable way to prioritize mission critical applications in your network with all the benefits of a fully managed IP network and the security of a private network environment.

ANY-TO-ANY CONNECTIVITY THROUGHOUT YOUR CORPORATE VPN

AT&T AT&T Enhanced VPN – Private IP Option fulfills two crucial needs of companies with a global presence and/or business-critical applications: network scalability and end-to-end prioritization.

In terms of scalability, AT&T Enhanced VPN – Private IP Option makes it easy to add new sites at any time. Its "any-to-any" connectivity eliminates the multiple PVCs and tandem routing that was typically required to deploy a fully meshed network, providing superior scalability by simplifying hardware additions to your network. Unlike the effort required to scale a comparable Frame Relay or ATM VPN network, with an MPLS based VPN, AT&T simply connects the new site and updates the VPN table in the AT&T Provider Edge (PE) router.

MPLS-based Architecture



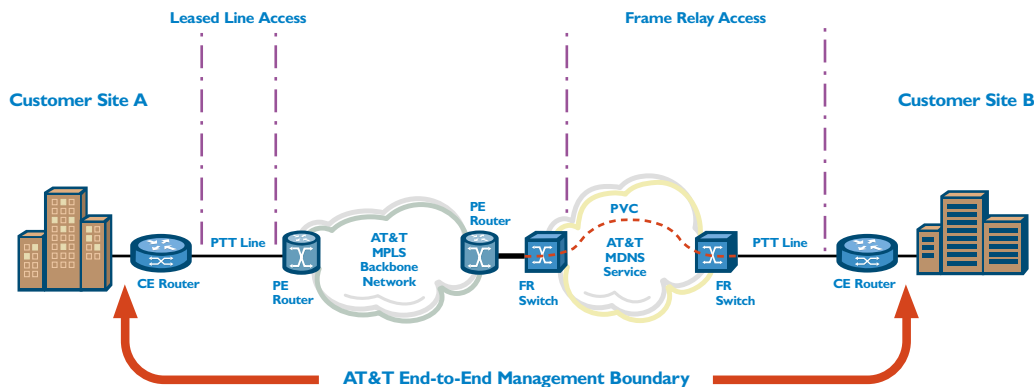
To add 1 site fully meshed to VPN:

- Configure new Customer Equipment (CE) Router
- Update Provider Edge (PE) Router



Global Services

AT&T Enhanced VPN – Private IP Option Architecture



RELIABLE, PREDICTABLE SERVICE THAT'S IN A CLASS BY ITSELF

AT&T Enhanced VPN – Private IP Option is based on an IP network using MPLS technology. This enables the prioritized convergence of voice and data onto a single core network by assigning various Classes of Service (CoS) to different applications. With CoS, you can define bandwidth and traffic engineering requirements by application to ensure delivery of higher priority traffic ahead of lower priority traffic with the most efficient use of bandwidth per class. You have the capability of assigning one of four Classes of Service to each application:

TRAFFIC CLASS	TRAFFIC TYPE	TYPICAL APPLICATIONS
CoS 1	Real Time	Voice over IP
CoS 2	Premium	Transactional applications
CoS 3	Standard	Database applications, commercial business applications
CoS 4	General	File transfer, batch transfer, e-mail, Web browsing and database replication

These CoS are managed using application-aware Quality of Service (QoS) techniques. This focus provides predictability, reliability and availability in your network by keeping the intelligence at the network edges, where most problems (such as congestion) occur. AT&T Enhanced VPN – Private IP Option minimizes complexity in your network backbone, and manages latency and bandwidth by applying multiple QoS techniques at your site router and throughout the backbone.

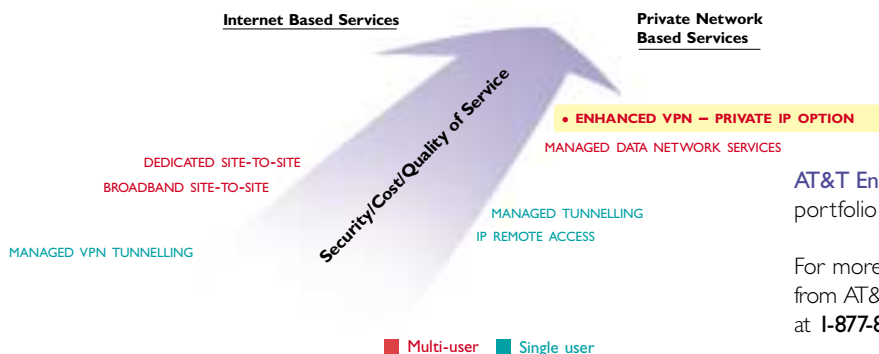
MANAGED SERVICE ON A GLOBAL SCALE

AT&T Enhanced VPN – Private IP Option is transport and access type independent, and provides quality of service engineering, service level agreements and worldwide reach. It is also capable of supporting delay and non-delay sensitive traffic as well as voice and multimedia applications.

OPTIONAL PROACTIVE SERVICE LEVEL AGREEMENT (SLA)

AT&T can also provide you with industry leading, globally consistent, web-based reporting on service level objectives. Service Level Agreements (SLAs) are available for site availability, network performance, network reliability, site-to-site performance, on-time service restoration and more. Our SLAs offer proactive reporting and credit generation, so you can be sure you're getting the best support possible-anytime, anywhere.

AT&T VPN Services



AT&T Enhanced VPN – Private IP Option is part of AT&T's rich portfolio of interoperable and seamless Enhanced VPN Services.

For more information about how this and other managed solutions from AT&T Global Services can benefit your business, contact us today at 1-877-818-8333 or visit our Website at www.att.com/canada.