SBC PremierSERV℠ Network-based Virtual Private Network (NVPN)

Get the same security as ATM or frame relay with increased scalability and flexibility

SBC PremierSERV℠ Network-based Virtual Private Network (NVPN) is an overlay to the SBC national backbone that uses Cisco Systems routers and Multiprotocol Label Switching (MPLS) technology to deliver highly differentiated network services. It provides you with a simple, secure option based on your individual applications. It also provides private and secure wide area network (WAN) services over an Internet protocol (IP) backbone.

MPLS technology provides differentiated class of service (CoS) levels that will support video and voice applications. Those features have limited support with customer premises equipment (CPE), secure sockets layer (SSL), and software VPN solutions. SBC PremierSERV NVPN uses the national SBC IP backbone to transfer your data. Core routers in this backbone are manufactured by Cisco Systems and have MPLS capability to efficiently transport "tagged" data between edge routers.

How does it work?

SBC PremierSERV NVPN uses MPLS technology to move data across the shared SBC IP national backbone. Core routers in the SBC backbone work with MPLS technology to intelligently route data to its recipient and effectively eliminate bottlenecks and routing failures. By implementing tag switching technology, your data is isolated from all other data.

What will it do for you?

SBC PremierSERV℠ Network-based Virtual Private Network (NVPN) offers you these features:

Security	Data security and integrity are maintained by MPLS technology that segregates your traffic by labeling packets at your site and moving them through the SBC IP backbone via Internet Engineering Task Force (IETF) standards.
Simplicity	NVPN supports many services and applications through a single connection to the national SBC IP backbone.
Growth	We house network management facilities—and core MPLS routers—so your changes and upgrades are quickly accommodated.

To learn more about SBC PremierSERV℠ Network-based Virtual Private Network (NVPN), contact your SBC Account Manager or visit **sbc.com.** SBC. **GOING BEYOND THE CALL.®**