

CenturyLink Premises-Based Internet Protocol Virtual Private Network Service

Networkx Service Overview

High performance, secure interoperability

CenturyLink's Premises-Based Internet Protocol Virtual Private Network Services (PBIP-VPNS) gives your Agency a fully monitored and managed Internet Protocol Security (IPSec) tunnel-based Service Enabling Device (SED) solution. CenturyLink's PBIP-VPNS deliver customer edge device encryption and decryption services that include a broad range of network design, engineering, security protocol enforcement and VPN tunneling technologies. These features make CenturyLink's PBIP-VPNS ideal for seamless integration of Agency service delivery point sites with a broad range of bandwidth requirements and a wide variety of access architectures. CenturyLink offers a full array of industry leading features, capabilities and interfaces for Networkx PBIP-VPNS customers.

Features

CenturyLink's PBIP-VPNS are highly reliable solutions because CenturyLink uses industry leading, state-of-the-art carrier quality integrated PBIP-VPN devices. Your Agency will benefit from high quality services derived from CenturyLink's stable, proven network platform.

- CenturyLink's average VPN availability has been better than 99.9 percent
- CenturyLink consistently meets or exceeds the Networkx contract's Acceptable Quality Level (AQL) metrics
- CenturyLink's PBIP-VPNS are proactively monitored 24x7x365
- CenturyLink offers the additional capability of reporting statistical and alarm information directly to Agencies via our Web-based reporting service, the CenturyLink Control Networkx Portal

Benefits

- Uses high performance Service Enabling Devices (SEDs) platforms with FIPS certification
- VPN security is provided globally over CenturyLink's Internet Protocol Service
- CenturyLink provides a dedicated managed security implementation team
- Delivers high-performance, secure interoperability between diverse network architectures
- Multiple VPN tunneling standards are used, including Layering 2 Tunneling Protocol, Transport Layer Security (TLS) formerly SSL, Internet Protocol Security (IPsec), IP-in-IP, MPLS and Generic Routing Encapsulation
- Optional network design and engineering services are available
- Integration of secure internet gateways for Extranet and Intranet internetworking
- Optional Managed Tiered Security Services can be integrated with CenturyLink's PBIP-VPNS
- Reliable, performance-based AQLs
- Expert support to install and manage networks
- Easy to manage CenturyLink Control Networkx Portal
- Redundant world-class network operations centers (NOCs) and systems

Geographic Availability

CenturyLink's PBIP-VPNS are global in reach, and provide the features discussed above for CONUS, OCONUS and non-domestic traffic where available commercially. CenturyLink has partnered with multiple international IP service providers, such as BT Infonet®, British Telecommunications®, and Equant® to deliver CenturyLink's PBIP-VPNS across the globe.

Contact your CenturyLink Representative today!

Visit GSANetworkx.com and click on "Locate your Account Manager".
Or contact the CenturyLink Customer Support Office: 866-GSA-NETWorx
(866-472-6389) Email: federal@CenturyLink.com



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How it Works

CenturyLink's PBIP-VPNS are tiered to meet the performance and perimeter security needs of small, medium and large government Agencies. CenturyLink's PBIP-VPN SED and IPSec software management solutions combine industry-leading FIPS-certified, firewall/VPN technology with 24x7x365 administration, monitoring, management and reporting. Access transport for PBIP-VPN is provided by CenturyLink's Internet Protocol Services (IPS). Your Agency can order CenturyLink's PBIP-VPNS in combination with CenturyLink's IPS, or it can order IP Services independently.

CenturyLink's PBIP-VPNS manages VPN gateways at your Agency's locations and provides connectivity to your Agency's IP network. This service provides secure, end-to-end encrypted tunnels to carry your Agency's traffic between its service delivery points.

CenturyLink's provides three basic PBIP-VPNS solutions:

- Intranet - this solution provides IPSec-based tunnels between remote sites utilizing broadband or dedicated access
- Extranet - this solution enables an Agency's trusted partners to gain access to Agency information via IPSec tunnels utilizing broadband or dedicated access
- Remote Access - this solution enables mobile/remote workers to access secure Agency information via IPSec tunnels utilizing dial or broadband access.

In addition, CenturyLink's PBIP-VPNS security tunneling protocol and authentication support includes:

- Multiple tunneling standards, such as Layering 2 Tunneling Protocol, Generic Routing Encapsulation, Internet Protocol Security, and SSL/TLS
- Various encryption levels, such as 3DES, RC4 (optional), and AES, in accordance with the appropriate FIPS publications and modules
- Authentication services as required by an Agency. Examples include RADIUS, Internal LDAP, token integration, PKI, and X.509 certificates.

CenturyLink's PBIP-VPNS offers Service Enabling Devices (SEDs) that function as an encryption/ decryption device, secure Internet gateway and firewall. SEDs can be purchased separately from PBIP-VPNS, but must conform to industry standards and not deviate from CenturyLink's PBIP-VPNS interface-mandated SEDs.

Why Buy from CenturyLink?

At CenturyLink, PBIP-VPNS is more than a service; it is an integral link in our long tradition of providing exceptional quality services. Many of CenturyLink's current Agency customers have already experienced the ease of the implementation of CenturyLink's PBIP-VPNS on our converged network architecture. Our network design allows your Agency's site connectivity to Network-Based Internet Protocol Virtual Private Network Service, Asynchronous Transfer Mode Service, Frame Relay Services, Synchronous Optical Network services, Ethernet Services, or Internet Protocol Agency sites. This any-to-any approach, and worldwide reach, allows your Agency flexibility and reliability today, along with the confidence that CenturyLink can address your Agency's needs in the future.

Contract Vehicle

Networx Universal & Enterprise

- An overview of CenturyLink's contract is available on the CenturyLink Networx Website at <http://www.gsanetworx.com>

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