

CenturyLink® Internet Protocol Service (IPS)

IPS from a Carrier-Class Provider

Agencies use IPS to provide government users with access to the Internet, government-wide intranets, and extranets. CenturyLink's IPS is enabled through our Tier 1 IP backbone network with a full complement of access options and in-depth experience garnered from successful service delivery to a significant number of federal and commercial customers. CenturyLink's IPS uses TCP/IP to interconnect GFP/SRE with other government networks and the public Internet service provider networks.



Product Description

CenturyLink provides the essential infrastructure to deliver end-to-end IPS services and technical capabilities that satisfy agency public IP requirements using diverse access arrangements and a MPLS-based 100 Gbps backbone network. CenturyLink offers a broad array of public IP/Internet access options including T1, NxT1, DS3, SONET, Ethernet, and wireless.

Highlights

- Dual-stacked Internet edges supporting IPv4/6
- Multi-layered resiliency
- Mobile and remote connectivity
- Traffic prioritization

How IPS is Provided

CenturyLink's IPS uses the CenturyLink global IP MPLS traffic engineered (MPLS-TE) backbone, incorporating IPS domain specific edge devices, route reflectors and DNS servers that are set up in a reliable high-availability configuration. CenturyLink IPS peering arrangements and autonomous system structures are fully redundant and ensure agencies receive a highly reliable service.

KEY FEATURES

- Seamless security feature enablement
- Highly scalable, next-generation IP/MPLS platform
- Port options up to Nx10 Gbps
- Over 5 Tbps Internet peering
- Full BGP routing capabilities including bidirectional forward detection (BFD)
- Flexible access



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