Next-Gen Wide Area Networking

BRING YOUR OWN BANDWIDTH

Leverage existing services and scale bandwidth with any connection type:

- Fiber Optic
- Cable Broadband
- Ethernet over Copper
- MPLS
- Internet T1
- DSL
- Fixed Wireless
- 4G/LTE
- Satellite

CARRIER FLEXIBILITY

CloudSDN works with any internet service provider:

- Spectrum
- AT&T
- Comcast
- CenturyLink
- Level 3
- Nitel
- Verizon
- MetTel
- XO
- Hurricane Electric
- Windstream
- Frontier
- & More

Cloud based software defined networking (SDN) is changing the way networks are designed and deployed, forever.

Utilizing carrier based MPLS networking is cost prohibitive and difficult to manage, while adopting the public Internet — with its lack of uptime and performance guarantees — may result in a poor user experience. Moreover, both approaches often require multiple devices, such as modems, routers, and firewalls, at each office, making WAN deployment and management challenging.
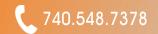
Now, businesses can have the best of both worlds — managed quality and public Internet access — with Accent's CloudSDN service. It provides enterprise-grade performance, visibility, and control over both Internet broadband and private links. WAN traffic is automatically steered across the best links and most-optimal paths. Internet quality is improved by up to 24% to make it enterprise grade with patented error correction and buffering technology.

CloudSDN: Cloud Powered Networking

Accent's CloudSDN service combines the economics of bring your own bandwidth (BYOB) internet service with the speed and flexibility of cloud services. Utilizing VeloCloud's Edge appliance, Accent leverages multiple broadband links (e.g., Fiber, Cable, DSL, 4G-LTE) and routes the traffic to VeloCloud's existing cloud gateways. Harnessing cloud-based orchestration, cloud gateways are deployed globally at top-tier data centers providing scalable and on-demand cloud network services. Working with the Edge, the CloudSDN delivers dynamic, multi-path optimization allowing multiple ordinary broadband links to appear as a single, high-bandwidth link. Orchestrator management provides centralized configuration, real-time monitoring, and one-click provisioning of virtual services.

Delivered & Managed by Accent

DYNAMIC OPTIMIZATION

Packets are steered in real-time to the optimal available Internet link based on performance metrics, application requirements, priority of the application, and link cost. This approach creates a virtual, high-bandwidth resilient network from multiple, inexpensive broadband links and various Internet services, providing improved WAN performance, cost savings, and built-in continuity.

APPLICATION PRIORITY

Accent's CloudSDN service makes setting network and application policy as simple as a few clicks. We work with you to define application and networking rules to ensure critical business and network services are prioritized across the entire CloudSDN. Applications and services such as VoIP, video conferencing, and critical business software can be prioritized to ensure the highest level of delivered performance.

Complete Managed Service

When Accent delivers CloudSDN, it comes as a complete managed service, that means Accent support engineers are one call or click away and questions get answered quickly. Furthermore, utilizing the CloudSDN alerting capabilities, Accent can potentially identify and resolve problems before they impact your business, completely removing the headache of contacting support for problem resolution.

Carrier Troubleshooting & Resolution

Carrier Ethernet networks and internet services encounter problems on occasion. The question is, which partner is looking out for you when problems occur? Accent will leverage the CloudSDN to manage and resolve carrier network service problems, providing critical data and intelligence which carriers may not have access to. This level of engagement ensures service challenges are resolved quickly and your business keeps running.

Real-Time Performance Insights

The CloudSDN dashboard (pictured below) displays real-time network and application performance which can be used to make traffic control decisions, such as treating real-time communications and non-critical traffic streams differently. Accent engineers utilize this dashboard to manage the customer's SDN in real-time, providing critical insight into circuit performance, service uptime, and application requirements. This data enables Accent to quickly resolve network performance problems and ensure the customer's critical business apps run efficiently.