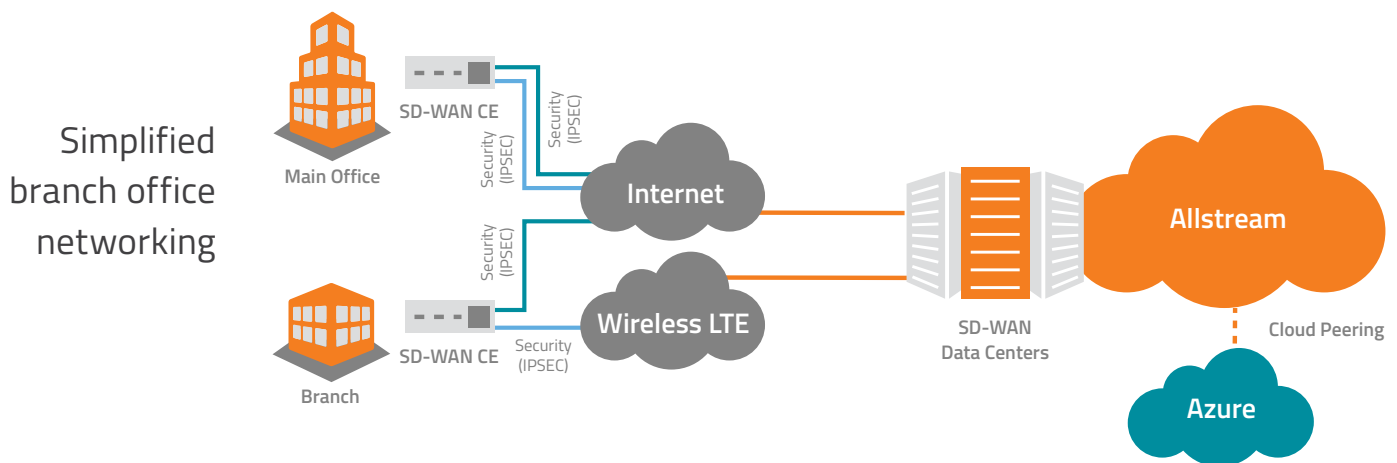


SD-WAN

A better branch office network

SD-WAN simplifies branch office networking and assure optimal application performance, delivering a great user experience regardless of location. A fully managed WAN solution that provides converged voice, video and data via a private network overlay – with the security, speed, performance and reliability demanded by the market.

Powered by Allstream’s SD-WAN solution, organizations can benefit from secure and reliable network access that is easier to provision, operate, and support.



Reduce IT complexity and costs

Lowers WAN OpEx and CapEx costs, and overall total cost of ownership.



Enhanced Business Continuity

Automatic link switchover and improved SLA up to 99,999% (HA solution required).



Self serve Management portal

Centralized cloud management and automated device provisioning.



In-depth Reporting

Comprehensive visibility of network links quality of experience and availability.



Guarantees VoIP Quality

Delivers business-grade voice quality over Internet.



Security and private routing over Internet

Security of your business information over the internet. Private and secure IP routing between offices.

Technical Specifications

- ISP diversity: Access link aggregation between different Internet Service Providers (may include Wireless LTE). Seamless failover protects users and apps against Internet link failures
- Traffic optimization: 8 classes of services to prioritize voice, video and data
- Stateful branch firewall
- Scalable bandwidth from 25Mbps up to 1 Gbps: it combines all the speed of all the ISP links to deliver up to one full Gigabit of encrypted SD-WAN performance
- Public peering with Cloud providers (Microsoft Azure)
- Multipath optimization - Optimal network performance with intelligent traffic steering between multiple transport links
- Branch to branch encrypted traffic – IPSec with AES256 security
- Self serve management portal and reporting

Allstream Offering		
Available Options	SD-Internet	SD-WAN
Public without encryption	✓	
Private routing with encryption		✓
VoIP priority: SIP Trunking, Cisco HCS, Micloud and UCCV	✓	✓
Single site or Multiple sites deployment	✓	✓
HA redundancy: 2 x CEs deployed per site connected to different ISPs	✓	✓
Single site: traffic encrypted between CE and SD-WAN data center		✓
Multiple sites: traffic encrypted between CE and SD-WAN data centers + encryption and private routing between sites		✓
Proactive customer notification on service failures	✓	✓

*Both packages available on Internet only. MPLS – future enhancement in progress