

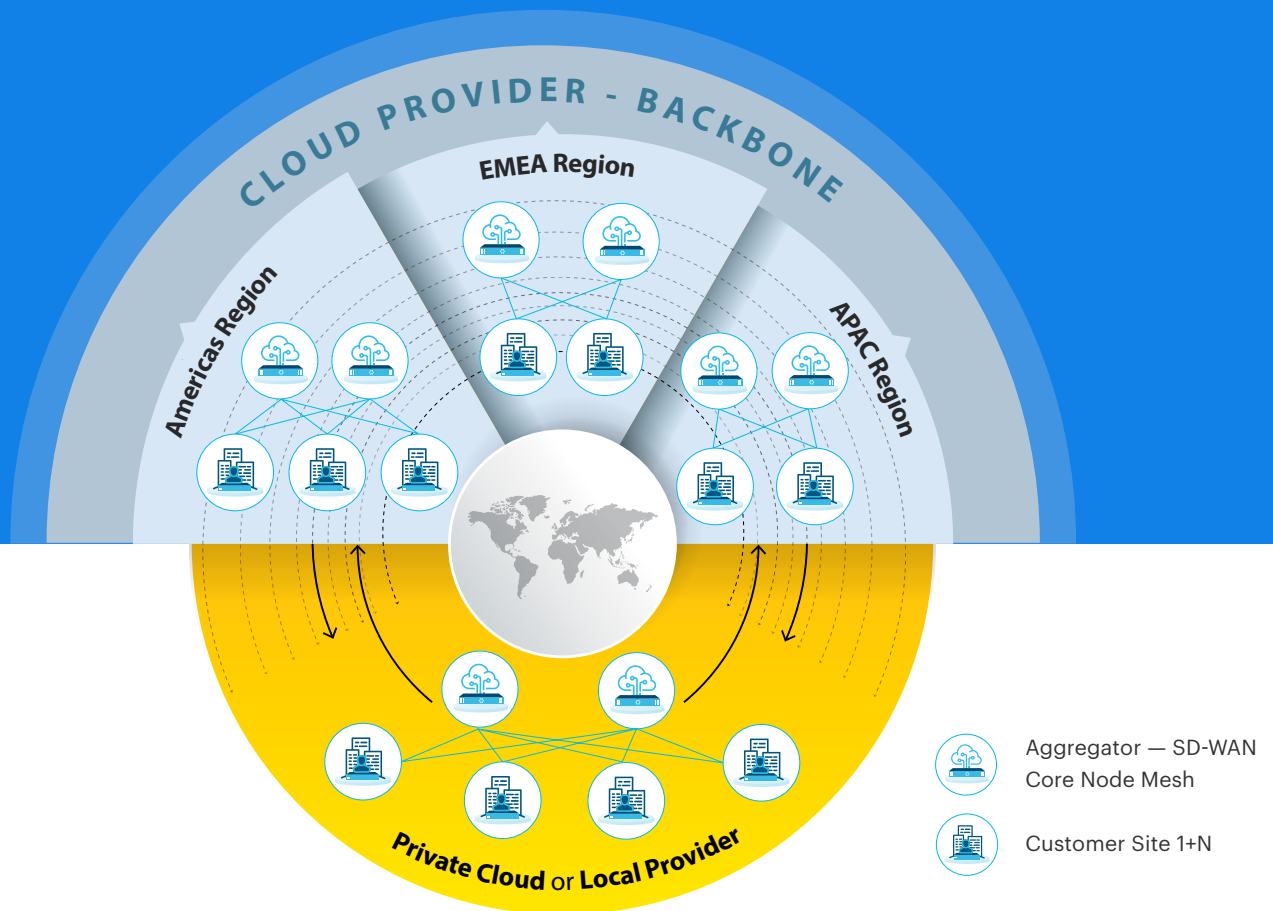
# Cloud Extension by Turnium



As global enterprises grow, their need to centralize and manage their network takes on a strategic importance.

Serving customers from points-of-presence (POPs) in your home region – whether you are a telecommunications company, internet service provider (ISP), or managed service provider (MSP) - is easy because your infrastructure is deployed near your customers, and you own the last mile. But, when customer growth leads to international expansion and they need POPs in geographically diverse locations, customers must turn to local vendors for their last mile and networking needs. This means that you're out of the purchasing loop, relinquishing control of the network to third parties, opening the customer to new vendors, and not helping your customers with a fully integrated, managed solution.

For customers, managing multiple vendors only complicates their operations and forces customers to develop the non-core technical and business capabilities required to negotiate, procure, manage, and troubleshoot a multi-vendor network. This is an opportunity for Service Providers (SPs) of all types to offer up something more than just last mile and generic networking. Turnium's software-defined wide area networking (SD-WAN) solution helps open the door to possibilities.



Cloud Extension by Turnium enables SPs of all types to efficiently create a single secure software-defined network that spans multiple jurisdictions with a single point of management for their customers.

Service providers' goals should be to become the vendor of record for all their customers' networking-related needs, regardless of geography. As customers grow their operations and expand, SPs can respond by supporting their customers' growth and networks.

Using their own hardware solutions for edge deployments, SPs can design and deploy network architectures with Turnium SD-WAN's core aggregators and endpoints using its zero-touch provisioning capability onto bare-metal, VMs and Kubernetes-based containers.

# With Cloud Extension by Turnium, you own the network, you own the solution and branding - no matter where your offices or customers are located - not the last mile vendor.

As the vendor of record, Cloud Extension by Turnium protects the SPs' installed base and enables them to extend their network management capabilities quickly and easily into other countries without deploying expensive proprietary hardware, or open new global points of presence. In this way, SPs generate new revenues on customer locations that were previously inaccessible and enables them to become the vendor of record for networking services on their customers' WAN.

Service providers also get a cutting-edge SD-WAN solution that is certified to run on Kubernetes distributions as well as in virtual machines in public and private clouds. With Turnium SD-WAN, SPs can monitor the entire network – bandwidth usage, latency, packet loss, jitter, or any other network parameter of the last mile as well as the SD-WAN. And through Turnium's extensive API, SD-WAN configuration, management, and orchestration can be done through a SPs' existing toolsets. This level of management and insight makes the addition, removal, and changes of network configurations trivial and reduces the cost of network management.

## About Turnium

Turnium Technology Group, Inc. delivers its software-defined wide area networking (SD-WAN) solution as a managed cloud-native service and as a white label, containerized, disaggregated software platform that channel partners host, manage, brand, and price. Turnium SD-WAN is available through a channel partner program designed for Telecommunications Service Providers, Internet and Managed Service Providers, and Value-Added Resellers. **For more information, contact [sales@ttgi.io](mailto:sales@ttgi.io).**

## About SD-WAN

SD-WAN is revolutionizing the networking and telecommunications industry by virtualizing secure, high-speed networking and abstracting network control from the underlying physical circuits. SD-WAN frees enterprises, small-medium businesses, cloud and managed services providers from the constraints imposed by traditional telecommunications companies.