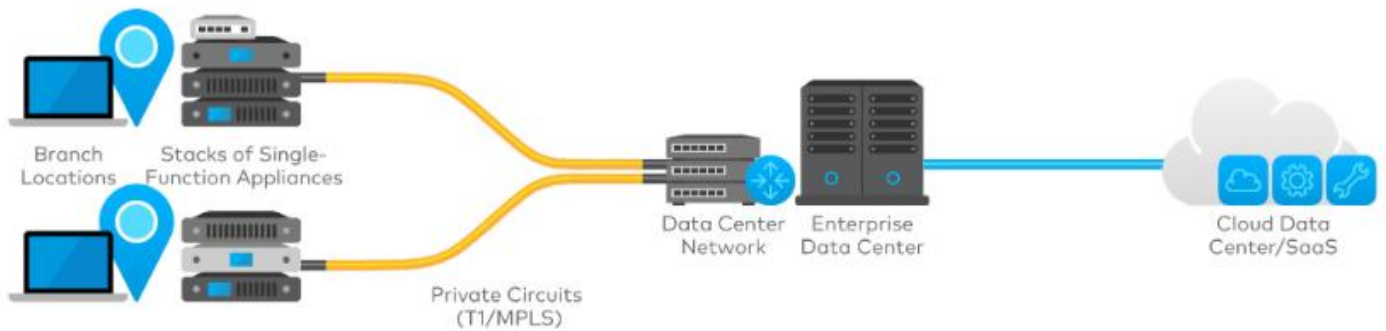


## VxCloud Cloud SD-WAN

VxCloud's South African Cloud-Delivered SD-WAN aggregates WAN links (LTE, DSL, FTTH, Broadband, Wireless, Fibre and MPLS) for optimized and secure connectivity to enterprise networks. SD-WAN provides access for private and public clouds, assuring performance demanding real-time applications even over broadband Internet. The solution dramatically simplifies and increases the agility of the WAN with policy-based insertion and orchestration of CPE (Onsite Devices) and cloud services.

Our SD-WAN dynamic path optimization uniquely assures performance for real-time UC Unified Communication and VoIP (UC) applications even over broadband WANs. Our SD-WAN is uniquely extended directly to the cloud via multi-tenant Gateways hosted at major cloud destinations in South Africa and Internationally. The vast majority of branch office WAN traffic is carried over expensive leased lines (private MPLS circuits) and unpredictable Internet connections (DSL, Cable, LTE) — neither of which is ideal.

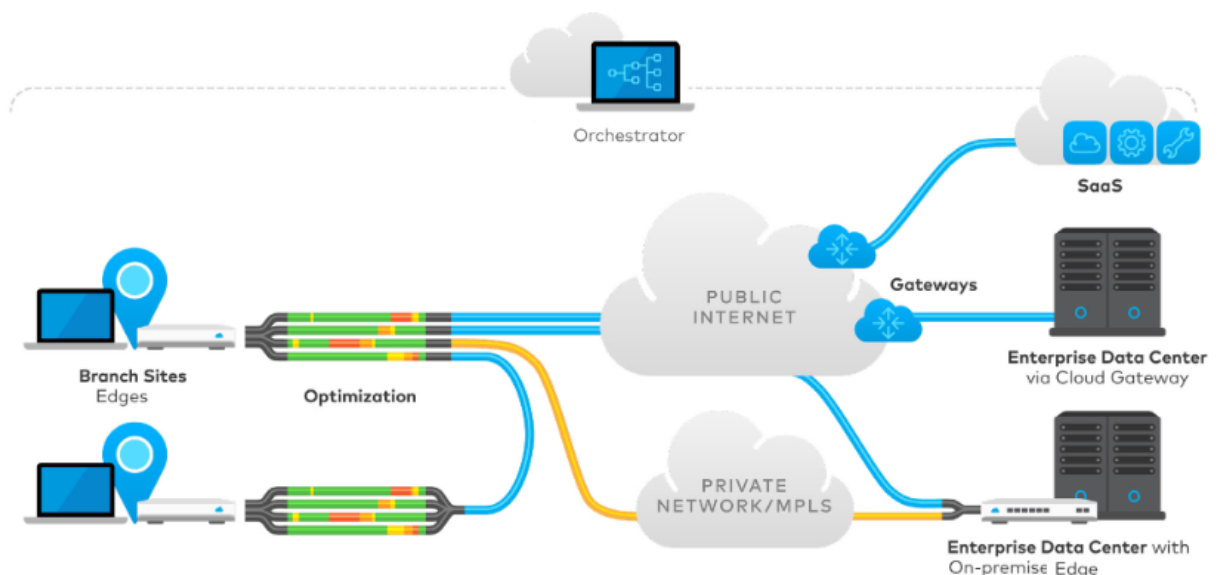
Today's South African branch office users are consuming more wide area network (WAN) bandwidth as they collaborate online (e.g., Skype for Business, WebEx, Office 365, Azure and AWS), increase the use of Software-as-a-Service (SaaS) and cloud services, access large rich-media files, and leverage other bandwidth-intensive applications. Corporate IT is facing significant challenges addressing these demands due to the complexity, cost and static architecture inherent in their existing WAN.



VxCloud Cloud-Delivered SD-WAN combines the economics and flexibility of a hybrid WAN with the deployment speed and low maintenance of a cloud-based service. It also includes policy-based network-wide application performance, visibility and control while dramatically simplifying the WAN by delivering virtualized services from the cloud to branch offices.

VxCloud Cloud Edge with Dynamic -Path Optimization and deep application recognition aggregates multiple private MPLS and broadband links (e.g., Cable, DSL, 4G-LTE, FTTH, Fibre and MPLS) and steers traffic directly to other on premise VxCloud “Edges” in branch offices, private data centres, campuses, and headquarters.

The VxCloud Cloud Edge can also optionally connect to our system of global Gateways as shown in the Figure below to provide performance, quality, visibility and prioritization for cloud services (SaaS, IaaS, B2B Internet, generic Internet, etc.). The cloud-based Orchestrator is used to provision network-wide business policies, enable services insertion, provide visualization and analyse application performance. All included in One Enterprise SD-WAN solutions.



VxCloud will provide the required configuration when clients enable cloud based services such as O365, Azure and AWS.

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