



VxCloud SD-WAN Security

Today applications are in the cloud; BYOD is rife, and inseparable from user-chosen operating systems; the use of cellular and broadband transport is common to augment MPLS or connect sites that MPLS cannot reach. These trends expand the attack surface of the network, while simultaneously obscuring IT visibility—evoking the adage “you cannot secure what you cannot see.”



Security breaches are
on the rise.

Security breaches in the world of 2016 were abundant: the SWIFT heist in February, involving a series of banks, netted the hackers \$81 million in just the first successful violation; reports of skyrocketing ransomware attacks, particularly worrisome when perpetrated against medical facilities; taxpayers finding their tax returns already filed, fuelled by fraudulent access to IRS E-File PINs.

Other sobering security figures: 89% of security breaches are driven by financial or espionage reasons; current security is not scalable and businesses are falling behind; the proverbial 50% of companies say they have been hit by malware, and the other 50% don't yet know that they have.



SD-WAN can help.

Enter the VxCloud South African hosted Cloud-Delivered SD-WAN—its robust architecture uniquely flexible to secure both traffic and data, deployed as a secure overlay to a transport/provider-independent infrastructure. With several different deployment architectures, a Cloud-Delivered SD-WAN accommodates the needs of even the most security sensitive business. It also returns to corporate IT the security, compliance and control it needs to be safe.

A Cloud-Delivered SD-WAN enables unprecedented visibility into the use of data centre or SaaS applications, applies network-wide business and security policies, inserts local, third-party and cloud security services wherever and whenever they are needed, and extends the WAN perimeter from the cloud to the branch.



Security, simplified.

The often vexing complexity of VPN tunnels and PKI infrastructure management in traditional WAN architectures is dramatically simplified by leveraging the secure and scalable cloud-based SD-WAN PKI infrastructure, which can be turned on with a single click on the orchestrator. VPN tunnels are built where and when needed, and cover branch-to-branch, branch-to-DC and any-location-to-cloud traffic patterns.