BCX SD-Wan Suite

A cloud-first SD-WAN solution

In the cloud era every major initiative underway or being planned will depend upon technologies like cloud, mobile and advanced analytics. Behind these enabling technologies is the network that effectively eliminates complexity from the business. Cisco SD-WAN built on Viptela technology is an SD-WAN solution offering advanced routing, segmentation, and security capabilities for interconnecting complex enterprise networks.

ENTERPRISE GRADE SD-WAN FOR YOUR BUSINESS

The Cisco SD-WAN key differentiator is that it is an open, software-based solution that is flexible and easy to deploy. You have the freedom to implement it as an on-premises workload or in the cloud, allowing you to leverage your existing hardware.

With companies increasingly adopting multi-cloud applications, it becomes challenging to balance the need to deliver a good application experience, optimise cloud connectivity, and improve security. Gaining comprehensive visibility of applications and infrastructure can become difficult, which hinders failure resolution and resource forecasting.

Cisco SD-WAN powered by Viptela is a cloud-delivered overlay WAN architecture that enables digital and cloud transformation. It ensures a predictable user experience for applications and provides a seamless multi-cloud architecture. It also provides an analytics capability that provides you with the visibility and insights necessary to isolate and resolve issues promptly and delivers intelligent data analysis for planning.

WHY CHOOSE BCX?

- Predictable SLA on all critical enterprise applications
- Best-in-class integrated security
- Cloud optimisation where WAN can be extended to multiple public clouds
- Single management dashboard for easier operations
- Rich analytics with sophisticated forecasting

HOW IT WORKS

01 | Cisco SD-WAN separates the service from the physical network, building an overlay on top of whatever forms of connectivity your business utilises. This enables transport independence.

02 | Security is provided in the form of encryption and device authentication.

03 | Cisco SD-WAN technology enables the overlay, so your business can segment the network on an end-to-end basis. You are able to build multiple topologies any way you want.

04 | Policies are enforced centrally.

05 | Third-party services can be connected to the Cisco SD-WAN overlay.

BENEFITS

- Application experience with a predictable SLA
- Best-in-class integrated security
- Cloud optimisation where WAN can be extended to multiple public clouds
- Single management dashboard for easier operations
- Rich analytics with sophisticated forecasting

WHY CHOOSE CISCO SD WAN?

Application experience

- Predictable SLA on all critical enterprise applications
- Application aware policies with real time enforcement around network problems
- Multiple hybrid active-active links for all scenarios

Cloud optimised

- Seamlessly extend the WAN to multiple public clouds
- Real-time optimised performance for Office365, Salesforce and other major SaaS applications
- Optimised workflows for AWS and Azure

Rich analytics

- Granular visibility of applications and infrastructure enables rapid failure correlation and mitigation
- Sophisticated forecasting and what-if analysis for effective resource planning
- Insightful recommendations for policy changes based on traffic patterns

Best in class integrated security

- Zero-trust foundation with authentication and encryption
- Segmentation to isolate and protect critical assets with cloud, partner networks, guest wireless etc.
- Enterprise firewall, IPS, AMP, DNS-layer enforcement, URL filtering, A/V and SSL decryption proxy integrated into SD-WAN

Operational simplification

- Single management dashboard for configuration and management of WAN, cloud and security
- Template-based, zero-touch provisioning for all locations
- Full automation with integration into existing tools

For more information speak to your BCX account manager or **email info@bcx.co.za**