

# BCX SD-WAN Express

An affordable managed access solution designed for software defined networking.



We are rapidly moving towards the intelligence era, where centralised control is a pre-requisite for an effective Wide Area Network [WAN]. A simple and rapid delivery of applications, services and data over your WAN is therefore critical to enhance business performance.

With BCX SD-WAN Express, you get affordable, secure connectivity over wireless or fixed access technology at any branch across South Africa, managed by one company. Gain operational flexibility with our full-service model that includes network installation and integration into your WAN, automatic failover via dual SIM LTE access, self-care tools and expert support to your team; powered by our SD-WAN management router at each branch.

Your WAN is the digital foundation of your business and it is crucial that you choose the right SD-WAN solution that would help you achieve your business goals.

## WHAT WE OFFER YOUR BUSINESS WITH THIS SOLUTION:

- BCX SD-WAN router configured at each site, pre-configured with tools for routing, encryption and L3 traffic handover.
- Turnkey management of all WAN connectivity via our SD-WAN router, core network and Network Operations Centre [NOC].
- Personalised choice on batch or individual branch access technology to be deployed. We offer you the choice of best performing or best priced technology per branch. This selection process is powered by our batch access coverage checker tool.
- Programme management on deployment and integration to your enterprise WAN.
- Self-care tools and Simple Network Management Protocol [SNMP] integration offered for corporate clients, enabling full visibility.
- PCI DSS v3.2 based network security with full encryption of your WAN traffic.

## BUSINESS BENEFITS

- 01** | **Greater efficiency** – Applications and services can be prioritised and delivered across the network instantly with a centralised policy management through a cloud-based management portal.
- 02** | **Improved agility** – Simple and rapid delivery of applications, services and data over your WAN is critical to business performance. SD-WAN simplifies the network by automating site deployments, configurations and operations.
- 03** | **Improved network and application performance** - Applications are the lifeblood of every business. Applications that are down or slow severely impact productivity. Managed SD-WAN allows you to selectively use MPLS connections for mission-critical applications like voice and video, and cost-effective broadband circuits for non-critical traffic.
- 04** | **Improved redundancy** - Redundancy is key to keep your business running. SD-WAN reduces downtime as data traffic is dynamically routed to the next best performing path in the event of an outage, minimising disruption.
- 05** | **Greater visibility** – SD-WAN provides greater visibility into your application performance and control over your network routing options.

## ADDITIONAL FEATURES OF THE BCX SD-WAN ROUTER

- Compact size
- All-band LTE Dual-SIM module powering our automatic failover feature, enabling business continuity from any primary access network
- Integrated stateful firewall
- Integrated Deep Packet Inspection and application classification engine
- Integrated switch supporting 5x 10/100Mbps auto MDI/MDX Ethernet interfaces
- Multiple VLAN support
- Support for multiple DHCP server instances
- Customisable Linux OS
- Integrated Python engine to execute on-device applications
- Automated provisioning and management of any access network service
- Automated end-to-end monitoring of WAN availability and performance
- Pre-integrated to the BCX Wireless Core network with multiple fibre, microwave, mall operators and LTE providers for monitoring, remote management and failover

## CHOOSE BCX

An end-to-end managed SD-WAN solution that seamlessly operates your SD-WAN over any access technology in South Africa. We integrate and operate your network using best-of-breed wireless and fixed access providers to provide a fully managed wide area networking solution, offering you control of your full branch estate and features in application orchestration, failover, remote configuration and support, encryption and Deep Packet Inspection [DPI].

We offer you operational savings during implementation and lifecycle management of your WAN by including project management, service design, ordering, provisioning, activation and maintenance of your entire network. We provide a smooth delivery of services nationally, including 24/7 service management, helping to ensure that your applications run at peak performance.

## SOLUTION DESIGN AND PRICING

To find out how you can get the agility, flexibility and high performance of a managed hybrid network, contact your **BCX account manager or email [info@bcx.co.za](mailto:info@bcx.co.za)**.