



**Drive agile and secure  
business networking from  
anywhere, at any time.**

## WHAT IS CISCO SD-WAN?

Cisco's SD-WAN managed by BCX is a secure, future-proof software-defined WAN solution that provides secure & reliable connectivity to users working from anywhere to Applications hosted in any location [private or multiple public clouds].

## HOW IT WORKS

Upon request to BCX for a WAN redesign, our solution architects consult you to capture your technical and business requirements [current and with future readiness in mind for digitalisation or cloud adoption initiatives]. We propose the best-fit solution from our many different underlay connectivity and SD-WAN overlay options. BCX manages the project, from planning to national roll-out, and ongoing day to day maintenance, monitoring & support.

## WHY CHOOSE BCX?

- Turnkey, one-stop customised solution – saving time, cost and frustration.
- The best-fit and latest in leading SD-WAN vendor technologies and skills.
- End-to-end accountability, inclusive of underlay transport networks and 3rd party connectivity alternatives.
- Extensive enterprise networking skills and experience enable efficiencies and economies of scale savings.
- Designing, building and operating all aspects of enterprise SD-WANs.

- Technology upgrades and expansions done in a way that minimises network and business disruptions.
- Mature network management and operations centre supports customer networks 24x7, all-year-round, through specialised and experienced networking engineers and national onsite support.
- BCX deep domain knowledge and mature processes enable customer focus and superior service delivery.

## SD-WAN FEATURES AND BENEFITS

### FEATURES

- Intelligent, secure VPNs
- Integrated enterprise security
- Quicker provisioning and changes
- Deep network visibility
- Transport independence
- Application optimisation
- Intelligent path control – Active-active mode
- Secure connectivity

### BENEFITS

- Improved App Experience through application optimisation
- Agility
- Simplicity
- Cloud Optimised
- Controls Costs
- Scalability
- Improve App Experience

## BUSINESS BENEFITS

- 01 Reduce your operational costs and optimise your resources when conducting multi-site deployments.
- 02 Increase bandwidth efficiency to improve performance of business-critical applications.
- 03 Enhance your network security with firewall and intrusion prevention.

## SOFTWARE DEFINED FEATURES

### Dynamic Path Selection

- Set performance thresholds for different types of traffic.
- Ensure critical applications and data transfers use the best path based on loss, latency and jitter over available tunnels.

### Policy-Based Routing (PbR)

- Assign traffic to a specific VPN path based on traffic protocol, source, destination or application.

### Dual-Active VPN Uplinks

- Supports dual WAN and automatic VPN failover.
- Build multiple VPN tunnels that are simultaneously active on both uplinks - whether internet or MPLS.
- Load-balance traffic across tunnels for optimal bandwidth usage.

### Secure Connectivity

- Integrated security threat defence technologies for direct internet access combined with IPsec VPN to ensure secure communication with cloud applications, remote offices, or distribution centres.

# UNLOCK AGILITY AND IMPROVE YOUR NETWORK PERFORMANCE TODAY.

## How will managed SD-WAN benefit my business?



### Agility

Quicker and simplified deployment of sites.



### Secure Connectivity

Best-in-class network security that updates automatically.



### Resilience

Built-in redundancy and failover technology.



### Simplicity

Simplify management tasks via an easy-to-use portal



### Transport Independence

Distribute your network traffic over various pathways with built-in load balancing and automatic failover



### Cloud Connectivity

SD-WAN is optimised for efficient connectivity through the cloud.

## PRODUCT OPTIONS

Cisco SD-WAN managed by BCX is sold as a solution, customised for your needs through a consultative process.

## PRICING MODEL

Mainly provided “as a service” with a monthly rental over a term contract [mainly 3- or 5-year], with zero or minimal upfront installation/setup fees.

## SERVICE COMPONENTS

- Mostly two [could be three or more] underlay connectivity [MPLS, Internet, LTE] options per WAN site
- SD-WAN Edge device & Software License [typically one or two per WAN site]
- SD-WAN Maintenance [onsite SD-WAN Edge device fault repair & replacement]
- SD-WAN Monitoring & Management [24x7 NOC monitoring, fault finding & resolution]
- Central SD-WAN Orchestrator/Management Portal
- Consultation, design and implementation – incl. procurement, logistics, project management, site installations & configurations

## SERVICE LEVEL OPTIONS

Various SLA options available, such as bronze, silver, gold, etc. for site availability and different monitoring service cover periods like standard, extended, prime, premium, etc.

## AVAILABILITY

The Cisco SD-WAN managed by BCX is available nationwide. For more information, contact your Account Manager.