BCN

BCN SD-WAN

Software-defined wide area networking (SD-WAN) simplifies the operation and management of the many network connections between sites in an organization.

SD-WAN lets you control how traffic is directed and prioritized across multiple uplinks, and enables your network to immediately and intelligently adapt to changing performance conditions — ensuring latency-sensitive traffic like VoIP or point-of-sale services have the throughput and optimization they need.

SD-WAN delivers the power and flexibility needed to optimize network performance, at one site or hundreds of sites.

BCN SD-WAN Solutions

BCN offers Bigleaf Networks, Cato Networks, and Cisco-Meraki SD-WAN solutions to allow customers to select the best solution to address their specific requirements.

BCN SD-WAN solutions provide the tools you need to easily:

- Improve overall connectivity
- Increase network flexibility and agility
- Improve application performance
- Reduce overall cost
- Reduce cost for MPLS services

Bigleaf Networks

The Bigleaf Networks SD-WAN solution from BCN allows enterprise and home office users to adapt to real time internet performance. Auto detection of applications allows users to experience Dynamic QoS, prioritizing more critical network applications such as voice, remote desktop, and more. BCN can also provide multiple broadband connections as part of a Bigleaf Networks solution allowing for a cost-effective, resilient enterprise-level network with added up-time.

Cato Networks

Cato SASE Cloud is the world's most robust single-vendor SASE platform converging Cato SD-WAN and a cloud-native security service edge, Cato SSE 360, into a global cloud service. The Cato Networks private backbone has 75+ PoPs worldwide and growing. All PoPs are interconnected by multiple SLA Tier 1 providers to provide the maximum uptime with the Cato cloud native software stack at every PoP. The BCN Cato Networks offering combines the diversity in circuit aggregation/delivery (Cable/Broadband, fiber, fixed wireless, 4G/LTE or 5G) with the convergence of SD-WAN with QoS traffic prioritization, and security features into a global cloud service. The ability to provide secure connectivity policies for business sites, hybrid workers, and remote access is all in the offering.

Cisco-Meraki

A BCN Cisco-Meraki SD-WAN solution delivers software-defined WAN capabilities in every security appliance to reduce operational costs and improve resource usage for multi-site deployments, allowing network administrators to use available bandwidth more efficiently and ensure the highest possible level of performance for critical applications without sacrificing security or data privacy.

Truly Access Agnostic

Whether a Bigleaf Networks, Cato Networks, or Cisco-Meraki solution is right for your business BCN is able to provide the associated connectivity.

No Need to Rip and Replace

A BCN SD-WAN solution can also be integrated into your existing MPLS network; helping to bridge a full technology transition. Because BCN SD-WAN solutions are cloud-based, turning up new locations is quick and cost-effective.

Choosing the Best SD-WAN Solution for Your Business

Matching business requirements with the capabilities, features, and benefits of an SD-WAN solution is critical to a successful deployment. BCN technical engineering resources will work in support of your goals and help to design the best-fit solution.

SD - WAN SOLUTION ATTRIBUTE	CATO NETWORKS	bigleaf networks	CISCO Meraki
CONNECTIVITY			
Maximum Supported Internet Connections Per Device	X1500-3 / X1600-3+Fiber X1700-4+Fiber	4	2
4G LTE/5G	Yes, Uses one circuit interface	Yes, Uses one circuit interfacee	Yes, Uses one circuit interface
Number Of Custom Sites			
Minimum	1	1	2
Maximum	500	500	100
SD-WAN Benefits Apply to Cloud/internet	Yes	Yes	No
SD-WAN Benefits Apply to Site-to-site Connections	Yes	No	Yes
SD-WAN Benefits Apply to Voip Services	Yes	Yes	Yes
Auto-VPN	Yes	No	Yes
Remote Access VPN	Yes	No	Yes
PRIORITIZATION & CONDITIONING			
Destination	Yes	Yes	Yes
Custom	Yes	Yes	Yes
Packet / Session Steering	Packet-Based	Session-Based	Session-Based
SECURITY			
Outbound Layer 3	Yes	Available*	Yes
Basic Firewall	Yes	Available*	Yes
Content Filtering	Yes	Available*	Yes
Threat Protection	Yes	Available*	Yes
Intrusion Protection	Yes	Available*	Yes
Traffic Shaping	Yes	Available*	Yes
Can Host Servers with Public IP's from SD-WAN Overlay on the LAN	Yes	Yes	No
APPLICATION AWARENESS			
Auto-detection of applications/dynamically adjust sd-wan traffic rules for best performance for each type of application	Yes	Yes	No
Failover	Yes	Yes	Yes
Monitoring & Reporting	Yes	Yes	Yes

*Additional firewall service required

WE ARE BCN

A communication technology solutions provider with the flexibility and experience to address every need uniquely. Creating tailored solutions based on the portfolios of 75+ wholesale network & technology partners.

SINGLE PROVIDER
A single-source for custom-configured solutions.

UNIFIED BILLING
All services at all locations on one monthly invoice.

CUSTOMER CARE
Single point of contact for U.S. - based support.

OUR LEGACY
Decades of experience and thousands of business customers.