BCN SD-WAN

BCN SD-WAN Portfolio: The Backbone of Business Success

In today's digital landscape, the network is the backbone of business success. BCN's SD-WAN portfolio is purpose-built to deliver "unbreakable" internet connectivity solutions tailored to meet the diverse needs of its customers. Through a comprehensive and cost-effective suite of reliable, secure, and scalable connectivity management solutions, BCN empowers businesses to stay connected and thrive.

BCN's broad spectrum of SD-WAN solutions addresses the entire continuum of customer requirements. From advanced site-to-site connectivity to cutting-edge cloud-based security, BCN provides businesses with the tools they need to remain agile and resilient in an increasingly complex network environment. By simplifying network management and enhancing security, BCN delivers unparalleled network performance and cost efficiency, enabling its customers to focus on growth and innovation.

BCN offers Cato Networks, Adaptiv Networks, Bigleaf Networks, Cisco-Meraki, and Peplink SD-WAN solutions, ensuring that customers have access to industry-leading technologies that provide managed and resilient internet connectivity that best meet their unique requirements.

With tailored, reliable solutions, businesses can trust BCN to keep them connected, secure, and ready for what's next.



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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 85+ 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/5G LTE) 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.

Adaptiv Networks

Adaptiv Networks SD-WAN from BCN delivers cloud-native, application-aware networking with intelligent traffic management to ensure business continuity and productivity. This solution enhances performance for latency-sensitive applications like VoIP, video conferencing, and cloud access. A key advantage of Adaptiv is its robust site-to-site connectivity, enabling secure and efficient communication between business locations without compromising performance. With dynamic QoS, seamless failover, and real-time application optimization, Adaptiv provides businesses with a reliable and flexible networking experience. BCN's Adaptiv SD-WAN offering allows for easy integration into diverse network environments, ensuring customers can achieve greater agility, improved application performance, and cost-effective deployment.

Bigleaf Networks

The Bigleaf Networks SD-WAN solution from BCN allows enterprise and home office users to adapt to real-time internet performance. Autodetection 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. An optional Edge Firewall and VPN add-on is also available, providing integrated security and secure connectivity within the Bigleaf platform. With additional licensing, Bigleaf can also be enabled as an end point firewall including IPsec VPN capability, eliminating the need for an external 3rd party firewall solution.

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.

Peplink

Peplink SD-WAN from BCN ensures the continuous operation of your business voice and data by utilizing multiple internet circuits, including 4G/5G wireless connections. If one internet circuit fails, Peplink SD-WAN seamlessly maintains connectivity to your essential applications. BCN can deploy and manage your Peplink SD-WAN solution across any number of locations, from a single site to 500 sites. This technology is ideal for both branch and remote locations, offering SD-WAN subscriptions with speeds ranging from 10 Mbps to 200 Mbps.

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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	adaptiv networks	bigleaf networks	cisco Meraki	peplink
CONNECTIVITY					
Maximum Supported Internet Connections Per Device	4	4	4	2	20
Maximum SD-WAN Overlay Bandwidth	5Gbps	1Gbps	3Gbps	2Gbps	200Mbps
4G/5G LTE	Yes, uses one circuit interface	Yes, uses one circuit interface	Yes, uses one circuit interface	Yes, uses one circuit interface	Yes, up to (2) built in 4G or (1) 5G
Number Of Customer Sites					
Minimum	1	1	4	2	1
Maximum	500	100	500	100	500
SD-WAN Benefits Apply to Cloud/internet	Yes	Yes	Yes	No	Yes
SD-WAN Benefits Apply to Site-to-site Connections	Yes	Yes-License required	No	Yes	Yes-License required
SD-WAN Benefits Apply to VoIP Services	Yes	Yes	Yes	Yes	Yes
Auto-VPN	Yes	Yes-License required	No	Yes	Yes - Manually
Remote Access VPN	Yes	Yes-License required	No	Yes	No
PRIORITIZATION & CONDITIONING					
Application	Yes	Yes	Yes	Yes	Yes
Destination	Yes	No	Yes	Yes	Yes
Custom	Yes	Yes	Yes	Yes	Yes
Packet / Session Steering	Session-Based	Session-Based	Session-Based	Session-Based	Session-Based
SECURITY					
Outbound Layer 3	Yes	No	Yes	Yes	Yes
Basic Firewall	Yes	No	Yes*	Yes	Yes
Content Filtering	Yes-License required	Yes-License required	No	Yes-License required	Yes
Threat Protection	Yes-License required	No	No	Yes-License required	No
Intrusion Protection	Yes-License required	No	No	Yes-License required	No
Traffic Shaping	Yes	No	No	Yes	Yes
Can Host Servers with Public IP's from SD-WAN Overlay on the LAN	Yes	Yes	No**	No	No
APPLICATION AWARENESS					
Auto-detection of applications/dynamically adjust SD-WAN traffic rules for best performance for each type of application	Yes	Yes	Yes	Yes	No
Failover	Yes	Yes	Yes	Yes	Yes
Monitoring & Reporting	Yes	Yes Monitoring/No Reporting	Yes	Yes	Yes

The features and functionality represented in this matrix relate to those currently offered and supported within the BCN portfolio.
*Yes indicates that the additional firewall feature set needs to be enabled.
**No indicates that public IP's will not be available to the LAN when the Bigleaf firewall is enabled.

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 100's of 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.

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