



### WE ARE BCN

A single source provider helping business clients find simplicity in complex multi-location, multi-network telecom deployments based on the portfolios of 75+ wholesale network 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 24/7/365 U.S.-based support.



### OUR LEGACY

25 years of experience and thousands of business customers.

## SD-WAN FROM BCN

A BCN SD-WAN, VeloCloud® V3.0-based solution enables enterprises to support application growth, network agility and simplified branch implementation while delivering optimized access to cloud services and enterprise applications over broadband Internet and private links. BCN SD-WAN delivers networking to branch offices and remote sites via software intelligence regardless of the underlying connection type, access point or carrier. BCN SD-WAN fully supports Static IP requirements within the solution design.

## SOLUTION HIGHLIGHTS

### TRULY ACCESS AGNOSTIC

Unlike other SD-WAN providers, BCN is able to provide the associated connectivity needed to implement the solution. A BCN SD-WAN solution can utilize the full breadth of our 75+ underlying network providers for bandwidth such as DSL, Cable and 4G LTE. We'll also design a complete SD-WAN overlay solution using existing customer bandwidth if that's what's needed.

### NO NEED TO RIP AND REPLACE

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

### ENTERPRISE-WIDE BUSINESS POLICIES

A BCN SD-WAN solution makes setting policy as simple as a single click. We work together with our customers to define business level policies that apply enterprise wide through a centralized cloud based service Orchestrator. The centralized Orchestrator also allows Customers an enterprise-wide view of all routing.

### ROBUST APPLICATION AWARENESS

A BCN SD-WAN solution delivers traffic to the doorstep of major cloud providers. This includes classification awareness of over 2800 applications which helps to streamline implementation by enabling automated QoS configuration and bandwidth allocation.

### EASE OF DEPLOYMENT

A BCN SD-WAN solution includes the shipping of pre-configured devices directly to the branch, with activation, configuration, and ongoing management all handled in the cloud. BCN offers Customers the option of Self-Installation or Professional Field Installation. Should a Customer choose the latter, the deployment can be truly zero touch.

### PERFORMANCE

A BCN SD-WAN solution employs automated packet level application steering both in the edge device and the cloud designed to achieve peak performance. In addition, BCN continually assesses application performance through the computation of a quality score which helps determine the quality of the underlying WAN transport at any given time.

### SECURITY

A BCN SD-WAN solution helps ensure your Company's data remains safe while allowing your employees the access they need to private and public paths. We provide secure communications no matter what underlying transport your traffic may be steered across.

### BCN SD-WAN FEATURES/CAPABILITIES

PLATFORM	VeloCloud V3.0
ACCESS REQUIREMENTS	Carrier/Network Agnostic Managed Service
MINIMUM SITE REQUIREMENTS	None. Single Site to nationwide multi-location.
CUSTOMER SWEET SPOT	Healthcare, Hospitality, Real Estate, Retail, Finance, Manufacturing
DEPLOYMENT	Physical or Virtual Self- or Professional Installation Options
DEPLOYMENT DIFFERENTIATOR	Fully managed implementation (white glove), ability to provide a hybrid SD-WAN/MPLS Network Design. Will implement with or without BCN provided access. High Availability
TECHNICAL DIFFERENTIATOR	Automated Packet-level Steering Fully supports Static IP requirements

ACCESS OPTIONS	MPLS, Ethernet, Broadband, 4G LTE
RESILIENCY & FAILOVER	Internet Gateways, Packet Duplication, Link Aggregation High Availability
ROUTING CAPABILITIES	WAN, Application QoS, Traffic Shaping, Packet-level Steering BGP/OSPF
ENCRYPTION	YES
FIREWALL	Need to leverage a separate firewall solution, either on premise or cloud-based
CLOUD CONNECT	AWS, Azure, SoftLayer & more

### WHY BCN SD-WAN IS THE RIGHT CHOICE FOR YOUR BUSINESS

- VeloCloud® is a recognized leader in SD-WAN
- BCN SD-WAN utilizes VeloCloud® 3.0
- VeloCloud® has relationships with 150+ partners
- BCN has 24 years of experience simplifying complex multi-location, multi-carrier, multi-service customer infrastructures

**Industry Leadership**

- BCN provides nationwide access options Ethernet Cable, DSL, 4G LTE & more
- Peered with 85+ providers to deliver traffic efficiently to the doorstep of major cloud service providers
- Packet level steering for peak performance
- Fully supports static IP requirements
- 8 Network Gateways speed packet delivery over a private network

**Core Network Services**

- BCN offers SD-WAN as a purely over the top (OTT) solution or combined with BCN supplied primary, backup and failover access.
- As a single source for SD-WAN and access, BCN consolidates all billing on one monthly invoice, with one support team and one Customer Portal.
- Optional High Availability configuration and deployment

**Business Flexibility**