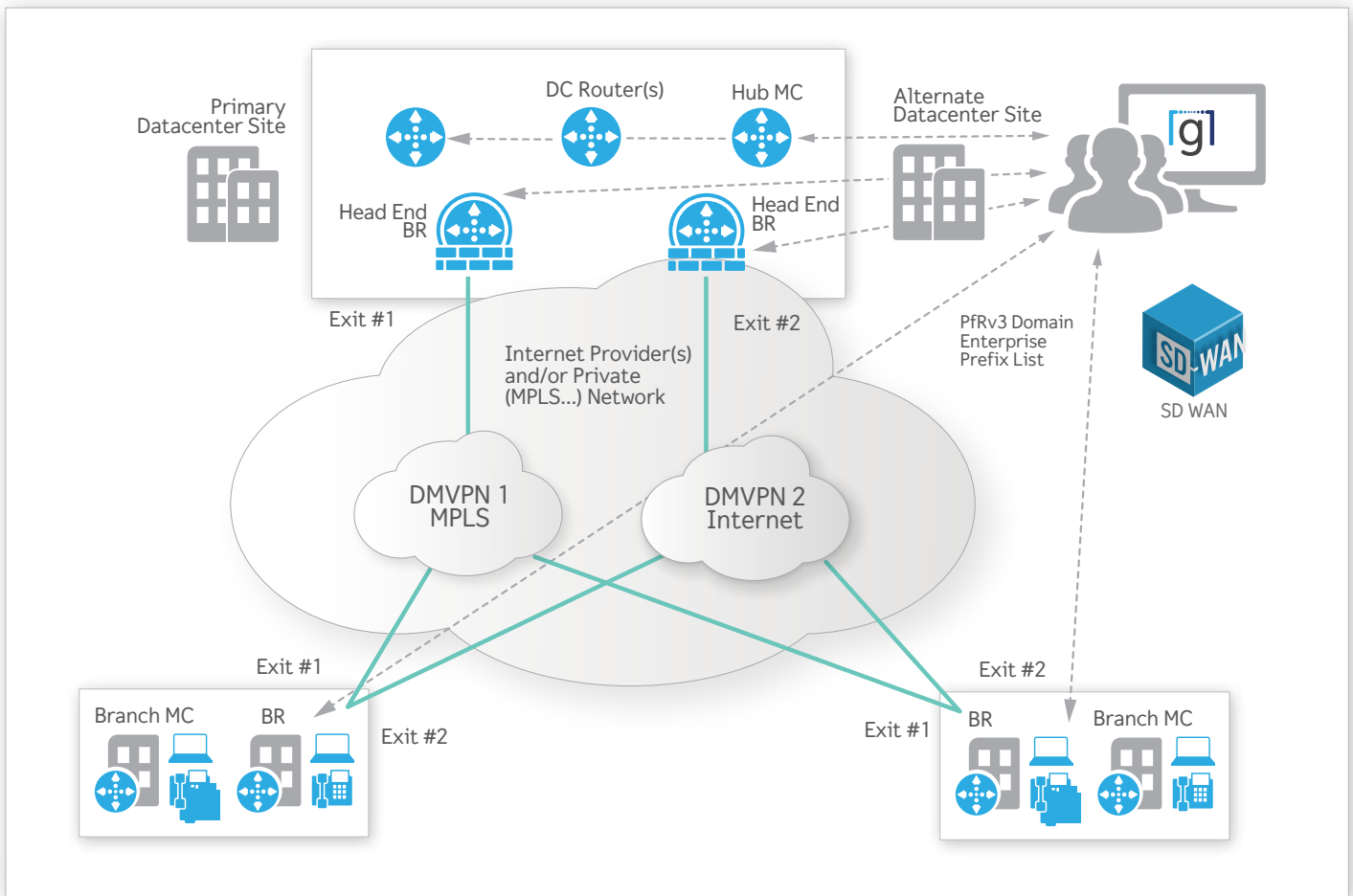# Gluware SD-WAN

Enables SD-WAN technology to be deployed on existing devices, providing lifecycle management from deployment to daily changes

SD-WAN

SD-WAN simplifies the management and operation of a WAN by decoupling the networking hardware from its control plane. A key application of an SD-WAN is to allow companies to build **higher-performance WANs using lower-cost internet access**, enabling businesses to partially or wholly replace more expensive private WAN connection technologies such as MPLS with internet providers.

Enterprise networks using existing Cisco routers often have hardware that already supports all the features that are needed to roll-out an SD-WAN. The biggest challenges

are deployments in a 24/7 environment and supporting the high level of customization needed in local and global configuration settings of each router.

With Gluware, customers can deploy Cisco validated designs over existing hardware platforms, accommodate the range of necessary customizations, and start a gradual migration immediately.

SD-WAN

The business case for SD-WAN is simple:

Leverage internet broadband connectivity for general connectivity to public cloud applications, and reserve private network connectivity for security or privately hosted business-critical applications.

The challenges Gluware addresses include:

1. Centralized control of policy and configuration
2. Initial and ongoing configuration of traffic steering (PfRv3) and QoS
3. Zero-touch deployment for rapid branch turn-up
4. Ongoing certificate management

Key Differentiation

- Flexible design enabling automation of IWAN architecture features as needed
- Support for a mixture of devices and operating system versions which support IWAN
- Multi-tenant to support managing multiple administratively separate networks
- Multi-user levels providing a single platform for network engineers and operations
- Data-model driven powered by network-aware orchestration engine (not static scripts)

Benefits

- Protect your investment – Gluware enables customers to use their current Cisco WAN network to enable SD-WAN; no new hardware "bookends" needed

- A true software solution to orchestrate your Cisco network – Gluware provides automation and orchestration of over 130 Cisco router features enabling the ability to centrally control customers WAN; don't let the "bookends" "dumb down" your feature-rich Cisco investment

- Software that meets your specific network design needs and business demands – Gluware is the only solution which provides the flexibility and customization to meet each customer's unique network designs; Gluware is an approved Cisco partner

- Gluware SD-WAN Solution is a simple approach to "unchain"-ing the enterprise from expensive bandwidth provided by carriers. Gluware provisions the existing WAN architecture to make intelligent decisions about what traffic is placed on which route. It allows high priority traffic to get the best treatment and differentiates the lower priority traffic so that cheaper bandwidth can be used.

Features

- Pre-built and fully customizable

- Data model driven with extremely flexible and scalable intelligent orchestration engines

- Multi-vendor, multi-platform to provide automation for other branch devices (firewall, switch, WAN Op, etc)

- Cloud (SaaS) and on-premise solutions

- Features modeled including AAA, Common Services, Zone-Based-Firewall, IP Numbering, Multicast, Netflow, PfR, Platform abstraction, Policy-Based Routing, QoS, SNMP, Overlay (DMVPN) Tunneling and more

- Zero-touch provisioning, Advanced (cloud-based) provisioning, day-2+ ongoing configuration management

- Support for brownfield and greenfield networks

- Scheduler with integrated notification support

Validated Designs | Multi-Platform | Customizable

Brownfield & Greenfield | Software Only | Zero-Touch