

Aruba EdgeConnect vs Legacy SD-WAN

SD-WAN is the core enabler of WAN transformation strategies that support the shift to cloud, the edge, and a hybrid workforce.

As the edge continues to rise in importance, existing SD-WAN solutions are failing to deliver the highest quality experience that remote workers expect.

Aruba EdgeConnect is a cloud-first, unified SD-WAN edge platform that lifts the bar on what SD-WAN should be capable of in three key areas:

1. Quality of Experience 2. Cloud-first Architecture

3. Cost Saving

Quality of Experience

(Legacy SD-WAN

Load balancing of traffic.

Correction (FEC).

Forward Error

Deep packet inspection.

No WAN

optimisation options.

management and analytics platforms.

Multiple bolt-on

Aruba EdgeConnect

intelligently steer traffic over multiple WAN links including the Internet.

Dynamic path control to

Link bonding and path

the best path.

possible.

Leading WAN

First packet IQ capabilities to identify traffic on the very first packet and break them out in real-time over the best link

conditioning to monitor real-time

conditions of all links between

sites and switch traffic across

optimisation on demand.

A single GUI based orchestration platform for your entire WAN infrastructure.

(?) Why it matters

Delivers per-packet sub-second decision making and failover as well as load-balancing across all carriage types.

also fixing and remediating packet loss, out-of-order packets and extreme jitter to maintain a high-quality experience.

Protects highly critical traffic while

maintained and the correct security controls are applied on an application-by-application basis.

Ensures optimum performance is

deployed to specific sites and applications on as needed.

Simpler and more efficient

Allows WAN optimisation to be

deployment, management, troubleshooting and reporting.

2. Cloud-first Architecture

Is lacking in full APIs

(Legacy SD-WAN

laaS platforms.

compared to leading

Utilises hardware-based

platforms that run

poorly in the cloud.

Relies on manual SaaS

application updates.

Missing integrations into

leading SSE vendors

vendor lock-in.

such as Zscaler,

Netskope etc.

Has limited choices for

integrations leading to

public cloud and security

Full API Integration into

Aruba EdgeConnect

Azure, AWS and Google.

A software-based solution with

high performance in cloud

environments.

An adaptive SaaS database.

API automation into ALL leading SSE vendors as well as

on-premises firewall vendors.

An open platform with API or

cloud and on-premises.

API-like integrations with all public

cloud and security vendors; both

Provides the ability to deploy

and manage laaS environments

Why it matters

with little intervention.

API integration into leading SaaS

platforms means no need to

update application signatures.

Lower costs in public cloud. Once

legacy SD-WAN are transposed to

hardware-based options used in

cloud, performance drops, requiring further investment in cloud resources to achieve feature and performance parity. Provides best-of-breed SASE

vendors are needed. Allows simple, one-click service chaining to best-of-breed

cloud-hosted security partners

for more advanced capabilities,

architecture and freedom of

choice around which security

such as DLP.

Aruba EdgeConnect (Legacy SD-WAN

3. Cost Saving

Delivers marginally improved performance across consumer-based carriage services.

Simple routing capabilities with no

WAN optimisation.

Can be lacking

in security capabilities.

MPLS sites.

MPLS-like (or better) performance across any carriage type.

Advanced built-in routing protocol capabilities including BGP and OSPF if needed for easy integration with existing

ICSA Secure SD-WAN certified firewall plus full end-to-end fabric-wide VRF and ZBFW segmentation capability.

for sites where it may be

cost-prohibitive to maintain high-performance links; e.g. in regional areas.

Provides an option to replace routers and other network devices such as WAN optimisers and firewalls with Aruba Edge Connect,

even in complex environments.

(?) Why it matters

Gives the ability to remove MPLS

Allows you to replace NGFWs at some sites while still delivering best-of-breed SD-WAN.

Test-drive the Aruba EdgeConnect SD-WAN platform and enjoy the

unmatched quality of experience for users and IT. Contact Data#3's expert

team to request an interactive demo or a free trial today.

Aruba EdgeConnect Any transport, any cloud, any deployment model

Explore EdgeConnect



