Ways to upgrade your Legacy Enterprise WAN to SD-WAN

Carrier

Carriers tend to lock

Last Mile Lock in

customers into their last-mile solution, rather than let them choose the best available option.

result in rollout delays. 01 03

Slow Rollout

Co-Location Carriers are not always co-located with cloud

Spotty Cloud

service providers, like AWS, Oracle or Microsoft, thus making it Equipment lead times, challenging to ensure configuration, testing cloud application and modifications in performance and contracts with OEMs optimized regional connectivity.

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Low NPS

Multiple surveys give

Not Agile Digital Enterprises operate

in an environment that requires agility. Rolling out new cloud applications, ramping down or migrating from legacy applications, the opening of new branches or closing of non-performing ones all need changes to the WAN A legacy WAN is incapable of keeping pace with rapid changes.

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Carriers typically operate within their service area. Thus, International connectivity is achieved through agreements with multiple service providers, making it impossible to guarantee end-to-end SLAs. As a result, the service offered is with the least common denominator set of features.

Inconsistent SLAs

Carriers networks involve agreements between

Inflexible Pricing

multiple service providers. As a result, their pricing model is designed to compensate every player in the value chain, thus making them inflexible and expensive.

carriers a low NPS score. **Creators vs** This low score stems Consumers fizm many challenges; e.g. being consumers rather than creators of technology, dependence on various OEMs, need for complex inter-carrier agreements, the mandate to protect legacy investments in MPLS and tendency to lock customers into their first and last-mile offerings.

SD-WAN is nota

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single-box, plug and play solution. A comprehensive SD-WAN solution requires interworking between various elements. As consumers rather than creators of the technology, carriers are limited in their ability to offer best-in-class service.

Do It Yourself

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Equipment lead times, configuration,

testing and modifications in contracts

with multiple last-mile and middle-mile

service providers can delay the rollout.

Slow Rollout

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the case of SD-WAN as a software upgrade, the performance of

Forklift Upgrades

legacy hardwar& deteriorates with the addition of SD WAN features, thus necessitating an eventual hardware upgrade. Lack of End to End Security Due to multiple moving parts, it is often difficult to implement

consistent security across the edge and cloud. For example, the

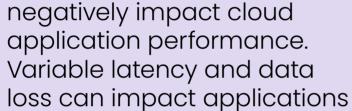
Not Cloud Agile

DIY SD-WAN rollouts will invariably involve hardware changes. Even in

Digital Enterprises operate in an environment that requires

ability to encrypt all traffic.

agility. Rolling out new cloud applications, ramping down 03 or migrating from legacy applications, the opening of new branches or closing of non-performing ones all need changes to the WAN. A legacy WAN is incapable of keeping pace with rapid changes.



Applications Sluggish

Lack of direct on-ramps to

cloud service providers can

like UCaaS.

Hardware and Software

there is diminished end-to-end control of SLAs

Overlay Issues

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across a DIY global backbone US "p due to separate visibility of the overlay and underlay.

aryaka

Managed SD-WAN

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Anoverlay deployment, such

as with MPLS, results in longer

QoS convergence times and

therefore delayed SLAs. Also,

providers, resulting in increased complexity. Problem resolution involves

Complex Operations

and multiple POCs

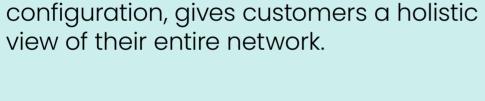
Building your own WAN

requires contracts with

multiple OEMs and service

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multiple POCs and separate contact lists for first-mile and middle-mile connectivity. aryaka



Aryaka's service is built using its SD-WAN

solutions, thus ensuring that there are no

interoperability issues. Also, MyAryaka, a

portal for centralized monitoring and

edge, the Aryaka Network Access Point

(ANAP), and a full suite of software

First and Last Mile Connectivity With Aryaka, there is no first or last-mile lock-in. Customers are free to opt for their preferred service provider. Aryaka can monitor the links provided by any service provider. We also offer a first mile / last mile link procurement service for customers who prefer a single vendor for all their enterprise connectivity needs.

> around the world. We offer our customers the best of both worlds; a system that is às reliable as MPLS while being cost-effective.

Consume On-Demand

Middle Mile Connectivity Solved

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Aryaka solves the middle mile connectivity issue by operating its own fully meshed Laver 2 private network with 30+ Points of Presence (PoPs)

Cloud-First Flexible Service

Aryaka provides a 'flex model

'for branch connectivity. This

model allows us to provide

connectivity for temporary

sites or retail locations.

A fully managed, on-demand SD-WAN service needs no investment in hardware. Features like WAN optimization and security are built in and can be rolled out from a centrally managed portal.

service and network visibility that few others can.

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Truly International

Aryaka operates a fully meshed

Layer 2 private network with 30+

complex inter-carrier agreements

PoPs around the world. With no

and no middlemen, Aryaka can

ensure end-to-end quality of

accelerated application performance.

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Applications Accelerated

Out of the box, direct connectivity to

leading SaaS and laaS providers ensures

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Global SLA guarantees ensure performance for demanding mission-critical applications.

Quick Rollout and Day-1 SLAs

weeks rather than in months.

Further, Aryaka guarantees SLAs

from the first day of operations.

Service can be rolled out in days or

Simple Operations

A single point of contact for all WAN

Mile, WAN optimization and security.

connectivity issues - Last Mile, Middle

Agility and Flexibility

With 30+ PoPs around the world and features like bursting, oversubscription and direct routes to popular laS providers, Aryaka's managed SD-WAN solution keeps pace with the agile business needs of the Digital Enterprise.

About Aryaka

Aryaka, the Cloud-First WAN and SASE company, and a Gartner "Voice of the Customer" leader, makes it easy for enterprises to consume network and network security solutions delivered as-a-service for a variety of modern deployments. Aryaka uniquely combines innovative SD-WAN and security technology with a global network and a managed service approach to offer the industry's best customer and application experience. The company's customers include hundreds of global enterprises including several in the Fortune 100.













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