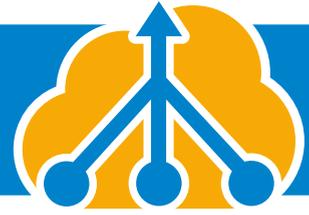


Gain agile, flexible and cost-effective global network connectivity



Your wide area network (WAN) is the backbone of your organisation. It must align with the evolving needs of your enterprise and be agile and stable as well, to avoid overloading your IT team and escalating network-related costs.

Furthermore, today's global collaborative relationships with colleagues, partners and customers demand a new kind of corporate network, one that encompasses the extended enterprise.

The case for SD-WAN

The software-defined wide area network (SD-WAN) is the newest capability in the WAN sphere. It applies software-defined networking concepts to WAN connections, bringing benefits such as:

Reduced costs

SD-WAN can connect your branches and data centres and optimise network performance for a lower cost than with other architectures, such as Multiprotocol Label Switching (MPLS). As it's software-based, deployment of the SD-WAN onto your current infrastructure is quick and easy.

Accelerated adoption of cloud computing

IT teams responsible for branch-office productivity are driving the take-up of cloud services and they find that cloud services work better with SD-WAN, rather than with a closed network such as MPLS.

Support for corporate agility and collaboration

While MPLS networks have traditionally worked well in connecting specific point-to-point locations, users in today's offices and those working remotely need to have integrated access to the cloud as well as to on-premise applications.

	MPLS	Global SD-WAN
Global Private Network	✓	✓
Over 99.99% Availability	✓	✓
Quality of service (Qos)	✓	✓
Cloud/SaaS Connectivity	✗	✓
Built-in WAN Optimization	✗	✓
Built-in SD-WAN	✗	✓
Single Day Deployment	✗	✓
Instant Bandwidth Scaling	✗	✓



A Market on the move

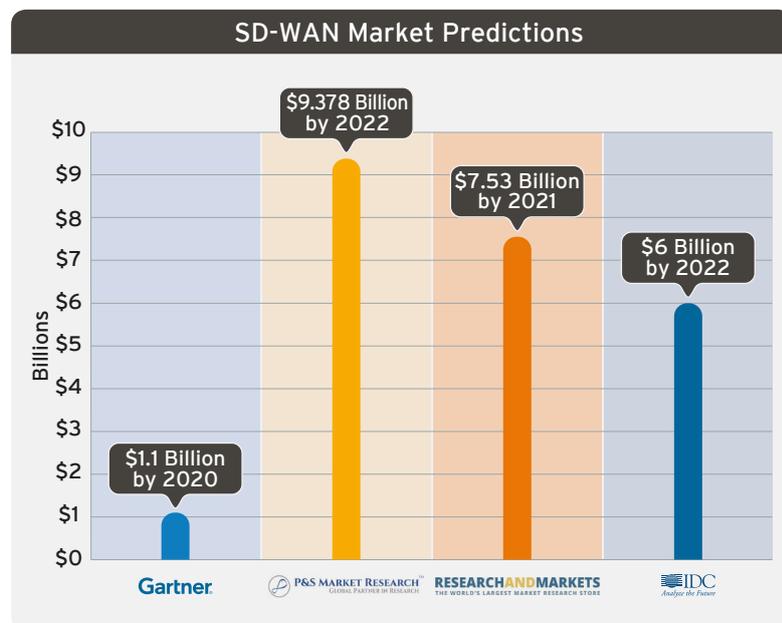
The public internet does not effectively support the global delivery of modern applications. Unpredictable latency and congestion-based packet loss lengthen the average time for transferring a file between two locations, affecting the organisation's agility. Variation in network performance and low reliability are significant issues when the race is on to communicate globally in real-time.

However, other connectivity technologies, such as MPLS, do not support optimised access to cloud services and software-as-a-service (SaaS)-based applications. They take too long to deploy, and are complex to manage.

The deficiencies inherent in the public internet and alternative connectivity technologies make SD-WAN such a compelling proposition. So much so that industry-watchers are envisaging huge take-up of SD-WAN in over the next few years.

IDC, for example, predicts that nearly half of all enterprises will be considering a migration to SD-WAN over the next 12 months, based on a survey conducted in the USA.

It's important not to be left behind. Understanding the market - where it stands today and where it's headed tomorrow - will help you to make better informed decisions about which solutions provide the highest ROI in terms of budget, ease of management, longevity and user experience.



One option is going the DIY route, and constructing your own SD-WAN using proprietary WAN management software which certainly can make the orchestration of network services easier at the branch.

However, it also entails managing multiple vendors and contracts and, for global enterprises, it can be difficult to integrate new branch offices or links.

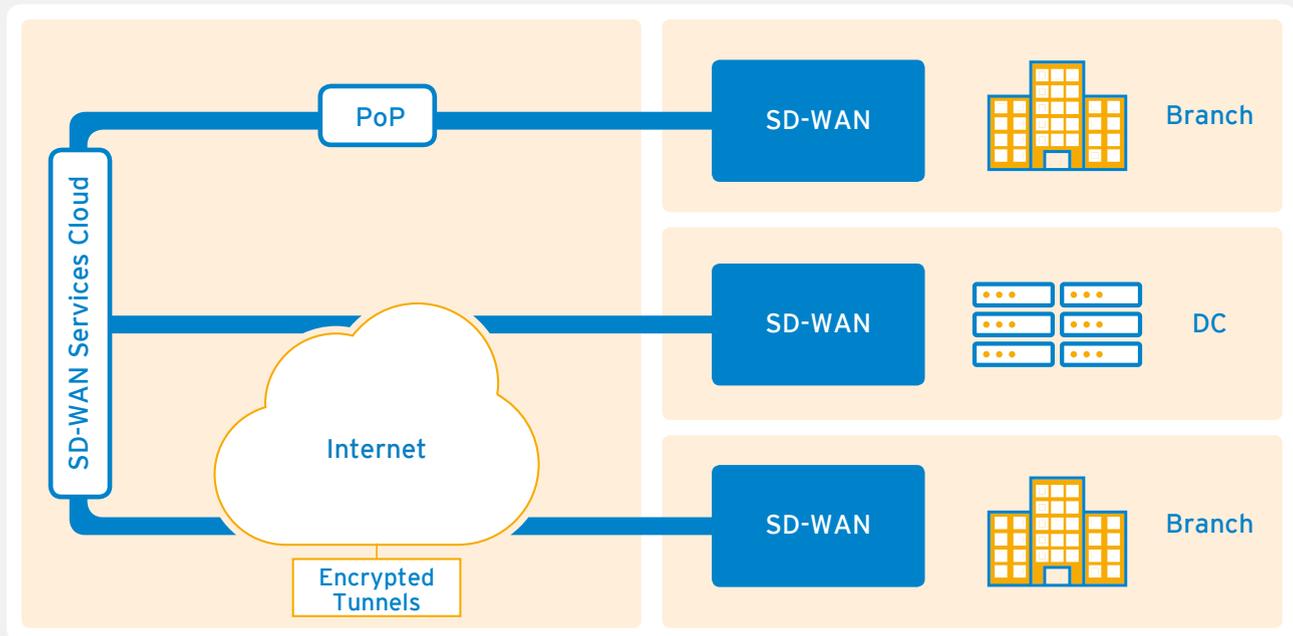
In contrast, the SD-WAN that is delivered as a service or through the cloud avoids upfront outlay and minimises cost of ownership. Such a solution eliminates the high costs associated with MPLS and replaces them with predictable outgoings. It provides a stable yet flexible infrastructure with the high performance that business-critical applications need.

Enrich your business with fast connectivity, and a fully managed cloud-based network

An Aryaka solution from TDM Group provides increased control, greater agility and complete visibility in deploying, configuring, and managing network services.

Aryaka integrates the benefits of embedded network optimisation and application acceleration for cloud and on-premise environments with reliable, secure, and dedicated private connectivity into a single platform.

It eliminates the need for dedicated links that take months to provision. Instead, a cloud-delivered network enabled by Aryaka will be up and running in days, not months.



Business pain points solved with Aryaka



High MPLS costs



Jitter and packet loss



No WAN visibility



Poor VoIP quality



High latency slow cloud and SaaS-based application performance



Lengthy deployment and a time-consuming process for resource additions

Aryaka solutions are already in operation at over 7,000 sites in over 700 enterprises in 63 countries around the globe.

Instant provisioning and simple to manage - Aryaka SD-WAN as-a-service

An Aryaka SD-WAN solution from TDM Group delivers benefits such as simplified network management, lower costs, improved user experience and higher productivity in a single vendor solution.

Improved global connectivity & built-in WAN optimisation-Aryaka SmartCONNECT

Aryaka's global SD-WAN provides enterprise-grade connectivity and guarantees consistently fast performance for on-premise and SaaS-based applications.

- Up to 40x faster performance for on-premise, cloud and SaaS-based applications, especially in remote locations
- Stable and fast branch office network connectivity over Aryaka's global network
- Deployment within days, as compared to MPLS, which takes months

Remote and mobile access for integrated collaboration - Aryaka SmartACCESS

Aryaka's SmartACCESS is the first clientless SD-WAN to software-define remote access. It significantly enhances both on-premise and cloud/SaaS application performance for the remote and mobile workforce without requiring additional hardware or software clients.

To achieve this, Aryaka has integrated dynamic content delivery networking functionality into its SD-WAN offering. IT team makes one CNAME change to DNS records to route the traffic over Aryaka's network, and that's it. Because mobile users are routed over the Aryaka network to VPN concentrators, there is no requirement for companies to deploy concentrators all over the world.

- Accelerated SaaS application performance, on-premise and in the cloud
- Consistently fast access to data, voice and video globally, with fewer disconnects
- No additional software required - use the existing VPN client
- Simplified VPN infrastructure and enhanced remote access security
- Global deployment in hours

Dynamic web application optimisation and delivery - Aryaka SmartCDN

Aryaka's Dynamic Content Delivery as-a-Service is the world's only web acceleration solution built on a global private core network. This provides enterprises with blazing fast, consistent application performance that is immune to the vagaries of the public internet.

- **A content delivery network for dynamic web applications:**
 - Fast delivery of SaaS and web applications, with guaranteed availability
 - Deployment within hours, not days
 - Content security and mitigation against distributed denial of service (DDoS)
- **A content delivery network for dynamic IP applications:**
 - Up to 10x faster global delivery of centrally hosted IP-based applications
 - Up to 100% uptime
 - Rapid deployment

Contact us for simply, a faster global network

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