aryaka
The Network for The Cloud

Network

AS-A-SERVICE

Burgeoning numbers of global enterprises that rely on applications for mission-critical functions push application performance to the forefront. Business execution requires seamless and enterprise-grade network connectivity across the globe and fast, reliable access to cloud services and Software-as-a-Service (SaaS)-based applications.

Traditional solutions prove inadequate in addressing these global network dynamics. The public Internet does not effectively support the global delivery of modern applications, encountering unpredictable latency and congestion-based packet loss. Alternative connectivity solutions like MPLS do not support optimized access to cloud services and SaaS-based applications, take too long to deploy, and are complex to manage.

Aryaka's global SD-WAN offers a more viable alternative, delivering enterprise-grade connectivity and fast, consistent performance for on-premises and SaaS-based applications, regardless of where they are located.

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The technology will appeal to network and WAN architects involved in network design, as well as CIOs and enterprise architects looking to drive efficiencies and ensure performance as they pursue server and data center consolidation projects."

Mark Fabbi, VP Distinguished Analyst, Gartner

Popular Use Cases

> Fast connectivity to Cloud/SaaS instances
> Enhanced Voice, Video and Telepresence performance
> Stable Virtual Desktop application delivery
> Reliable ERP and CRM Performance
> Speed up Extranet application performance
> Rapid WAN deployment for new branch offices
> Accelerated real-time gaming performance

Benefits

Stable and Fast Branch Office Connectivity
Benefit from consistently low latencies and negligible packet loss when connecting branch offices over Aryaka's global network.

Enhanced Quality and Performance for Voice, Video and Real-time Traffic
Enable global real-time collaboration and facilitate better user experience by eliminating congestion-based packet loss and prioritizing delivery of real-time traffic including voice and video.

Global Network Connectivity Within Days
Deploy branch office connectivity in days, as compared to the months it takes to deploy MPLS.

Reduced Network Management Hassles
Work with nimble IT teams by eliminating deployment, maintenance and upgrade hassles associated with appliances.

End-to-End Network and Application Visibility
Gain an end-to-end, transparent view into the performance of your network and applications using the MyAryaka™ customer visibility portal.

Performance benefits quoted from live customer deployments. The numbers may vary depending on geographies, applications, and use cases.

KEY CAPABILITIES

Cloud/SaaS Connectivity
Integrates cloud- and SaaS-based applications into Aryaka's global network, using IPsec VPN on the last mile. Facilitates private connectivity to Microsoft Azure with Azure Express-Route, and to Amazon Web Services (AWS) using Direct Connect.

Global Private L2 Network
Bypasses the congested public Internet through a global private network (using an SDN/NFV framework) that delivers consistent latencies and negligible packet loss to provide predictable application performance to users.

TCP Optimization
Delivers end-to-end latency mitigation, packet loss mitigation, and enhanced congestion management that supercharges TCP applications for faster delivery.

Quality of Service (QoS)
Prioritizes traffic types across five levels and multiple sub-classes using application type, and pre-set service levels. This limits bandwidth "hogging" by non-critical traffic, enabling effective and efficient transportation of voice, video, real-time, and other critical traffic, and thus better quality and performance.

IPSec VPN

BRANCH OFFICE

L2 or L3

DATACENTER/HQ

ISP-1

ISP-2

BRANCH OFFICE
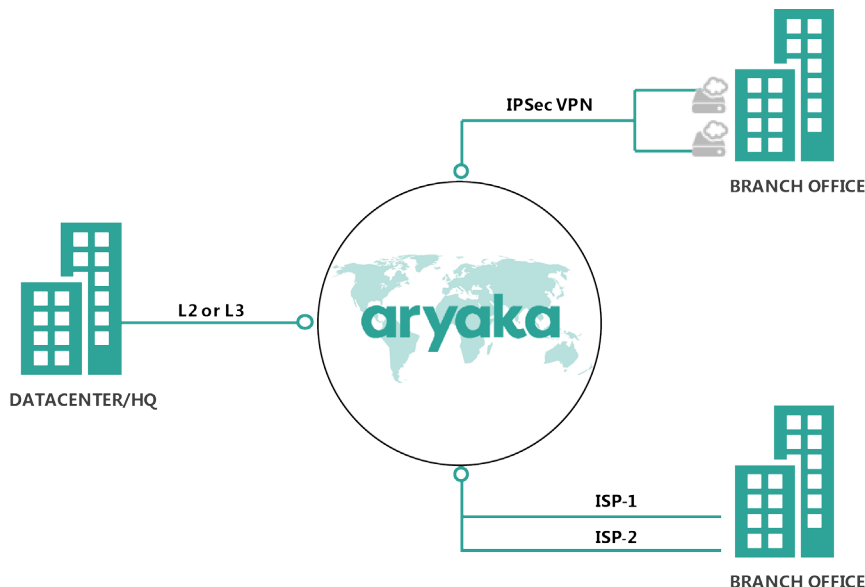
Smart Link
Packet loss eliminating technology that provides enterprises with Link Aggregation and enables Load Balancing, Path Selection, as well as Single and Dual Link Packet Loss Recovery with proprietary error correction algorithms.

Smart Edge
Converges an enterprise's WAN edge functionality at the branch and includes cloud and VPN connectivity, routing, and application level control in a single customer premises equipment (CPE).

Redundancy
Multiple levels of network redundancy including POP redundancy, edge link diversity, and ANAP redundancy guarantee high availability and 99.99% WAN uptime over Aryaka.

Fully Managed Service with SLAs
Single vendor solution that allows organizations to focus their resources and time on other business-critical activities. This includes 24x7x365 CCIE-level support.

Real-time Network Visibility
Web-based MyAryaka™ portal offers an end-to-end, fully transparent network view. This includes network health-check tools, and advanced traffic analysis.

Next Steps
> Give it a try to experience the benfits for yourself. Sign up for a **Free Trial**.
> Questions? Email **sales@aryaka.com** or give us a call at 1.877.727.9252.
> For information on other products, services, use cases or customer success, visit **www.aryaka.com**.