

SmartConnect

Application performance is front and center for many enterprises because of continued proliferation in the number of applications that are relied upon for mission-critical functions. This is complicated due to traditional global networking approaches such as the public Internet and MPLS failing to deliver fast, reliable connectivity and rapid business execution.

The public Internet simply does not effectively support the global delivery of modern applications resulting from unpredictable latency and congestion-based packet loss. Other connectivity technologies like MPLS do not support optimized access to cloud services and Software-as-a-Service (SaaS)-based applications, take too long to deploy, and are complex to manage.

A better alternative for global enterprises is Aryaka's global SD-WAN that provides enterprise-grade connectivity and guarantees consistently fast performance for on-premises and SaaS-based applications, regardless of where they are located.



Aryaka is one of the primary innovators, embedding WAN optimization within its WAN infrastructure to offer WAN optimization as a service."

Bjarne Munch and Neil Rickard, Gartner

Popular Use Cases

- > Accelerated SaaS performance
- > Faster connectivity to global IaaS/PaaS
- > High-speed file sharing globally
- > Faster ERP and CRM performance
- > Faster email performance
- > Accelerated database synchronization
- > Enhanced Computer-Aided Design (CAD) user experience
- > Faster connectivity to Version Control Systems (VCS)

Benefits

Up to 40x Faster Performance for On-Premises, Cloud, and SaaS-based Applications
Speed up your applications globally, especially in remote locations, for better user experience and higher productivity.

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

Global Network Connectivity Within Days
Deploy branch office network connectivity in a matter of 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.

KEY CAPABILITIES

Cloud/SaaS Acceleration

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 SmartConnect Network

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

Compression

Reduces the amount of data transferred across links using Gzip algorithms contained in Aryaka's proprietary software platform for higher throughput and faster application performance.

Data Deduplication

Eliminates the transmission of redundant data sent more than once over the network. This reduces bandwidth consumption up to 98% when transmitting data between locations and improves application performance.

Application Acceleration Proxies

Application-specific proxies, combined with compression and data deduplication technologies, enhance the performance of "chatty" applications like HTTP, SSL, FTP, and more.

TCP Optimization

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

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

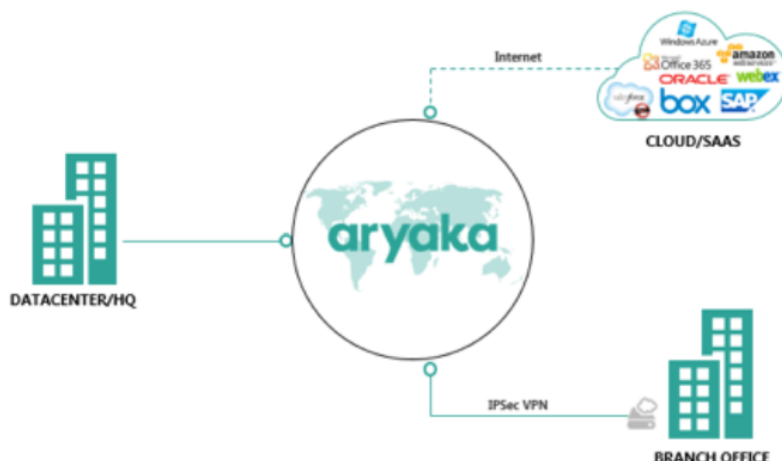
Multiple levels of network redundancy including POP redundancy, edge link diversity, and ANAP redundancy guarantee high availability and 99.99% WAN uptime over Aryaka.

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 and Application Visibility

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



Next Steps

- > Give it a try to experience the benefits 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.

About Aryaka Networks

Aryaka's global SD-WAN provides optimized, software-defined network connectivity and application acceleration to globally distributed enterprises. Aryaka's services have over 10 million users across 4,500+ sites. Leading brands such as Skullcandy, Air China, Freescale Semiconductor, and ThoughtWorks, as well as partners such as Microsoft Azure, Amazon Web Services, Intelisys, and SK Broadband, have all chosen Aryaka for their enterprise-grade networking needs.

