

SMARTCDN

IP App Acceleration

IT teams are faced with the unique challenge of making mission-critical applications that have traditionally been behind the firewall, available to a fractured and mobile global base of customers, partners and public users.

Pushing enterprise applications outside the firewall and the use of IP-VPN as a mode of access poses challenges like latency, congestion, packet loss and jitter, which leads to poor application performance. Traditional Content Delivery Networks (CDNs) cannot address this issue as they are built to accelerate only HTTP(S) traffic. There is a need to accelerate not just HTTP(S) but practically any IP application, irrespective of the application layer protocol.

Businesses are looking for a way to provide high performance, cost effective access to centralized applications like the use of distributed SSL VPN by users directed to centralized concentrators, Citrix, FTP and Remote Desktop across globally distributed partners, remote employees, mobile workers and smaller international offices.

Popular Use Cases

- > Faster IP App performance for remote users
- > Fast remote VPN connectivity to hosted enterprise apps
- > Real-time, lag free video and gaming
- > Faster RDP performance for mobile users
- > Enhanced non-HTTP(S)-based SaaS application performance

Benefits

Up to 10x Faster Global Delivery of Centrally Hosted IP-based Applications

Speed up your centrally hosted IP-based applications globally. Improve performance significantly for all kinds of application traffic.

Deployment in Hours

Deploy the service in a matter of hours by implementing a simple CNAME change.

Up to 100% Uptime

Ensure application availability around the world with Aryaka's global private network which is independent of the unreliable public Internet.

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 portal.

KEY CAPABILITIES

Global SmartConnect Network

Bypasses the congested public internet on the middle mile to deliver superior performance for dynamic, real-time, bi-directional, and personalized web traffic.

TCP Optimization

Supercharges TCP applications for faster delivery using techniques like window scaling, selective acknowledgement, TCP termination, and more.

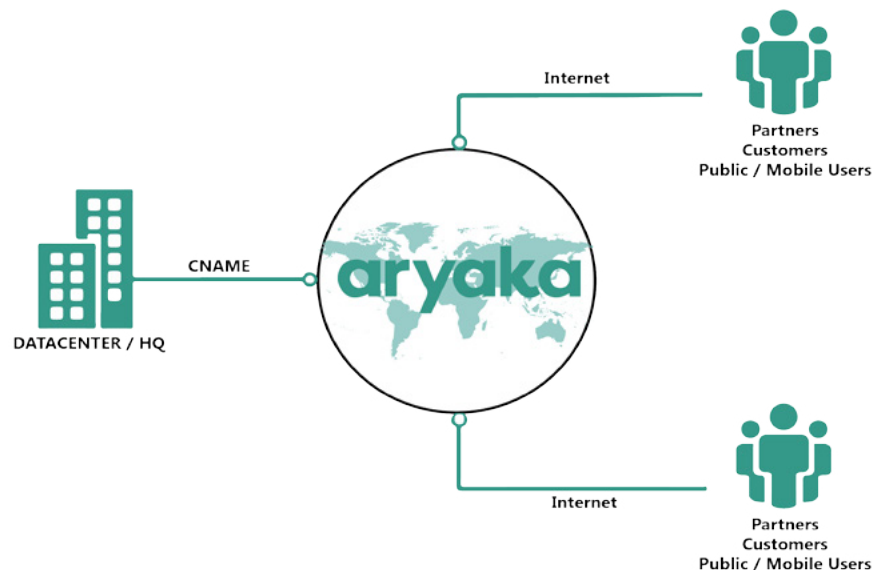
Network and Application Visibility

Web-based MyAryaka™ portal offers an end-to-end, fully transparent network and application view.

Includes application-aware performance monitoring, health-check tools, and advanced traffic analysis.

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.



Protocol Agnostic Optimization

Works at the IP level, and therefore, can be used for any IP-based application traffic. Aryaka's intelligent private middle mile ensures that traffic has consistency and reduced jitter, which the public Internet cannot offer. This solution is perfect for varying use cases including end-to-end encrypted traffic, voice, FTP, and video streams.

Geo-Targeting

Can be turned on globally or only for a specific region where performance is suffering. A targeted deployment is completely managed by Aryaka and scaling to different parts of the world going over Aryaka is a quick configuration change. This allows for solving the problem areas today, and rolling out a global solution on a longer schedule.

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.

