



SmartOptimize

Application Acceleration-as-a-Service for the Cloud-First Enterprise

Aryaka SmartOptimize is an on-demand, application-optimization and acceleration delivered-as-a-service and is a key component of SmartConnect. It offers unparalleled and industry-leading performance.

- Aryaka’s patented architecture optimizes and compresses WAN traffic in multiple ways, delivering LAN-like performance via a private Layer 2 core with QoS and intelligent edge optimization.
- SmartOptimize includes multi-segment transport optimization for TCP, Advanced Redundancy Removal for any uncompressed and unencrypted applications, and application acceleration for SSL and CIFS/SMB.
- Verify performance SLAs via Aryaka’s SmartInsights MyAryaka cloud portal.

Core Capabilities



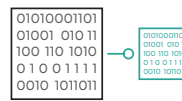
TCP & UDP Optimization

Aryaka uses patented multi-segment TCP and UDP optimization techniques to improve WAN performance. Enterprise cloud applications including Office365 or Salesforce as well as UCaaS behave as if they are local to the user.



Aryaka LinkAssure

Aryaka Offers enterprises the benefits of link aggregation and reduced network complexity at branch offices. It includes load balancing, path selection, and single and dual link packet loss recovery with proprietary error correction algorithms.



Data Compression

Aryaka delivers bandwidth optimization reduction that reduces the file size of data that is transmitted over the network, optimizing the available bandwidth across the first-mile.



SSL and CIFS Acceleration


Application proxies greatly improve the performance of WAN-intolerant applications by shortening the feedback loop.

Deployment Options

Choose one or more options based on the needs of your WAN


TurboNet	TurboApp
<p>Network Acceleration: providing basic optimization, includes TCP Acceleration and LinkAssure</p> <p>SmartOptimize TurboNet is included with both the Global and Regional deployment options.</p>	<p>Application Acceleration: offering advanced optimization, adds compression, SSL acceleration, and CIFS acceleration</p> <p>SmartOptimize TurboApp is included with Global, and optional with Regional.</p>

Benefits




No Compromise App Performance

'Day-1' SLAs from a dedicated global backbone puts IT back in the driver seat to ensure global application performance, positively impacting productivity and profit.



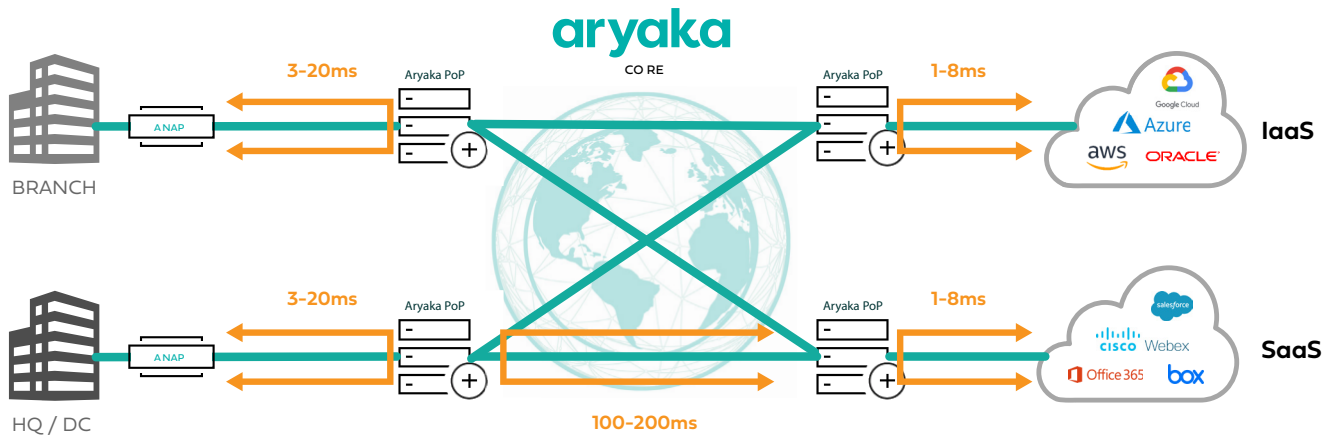
Operational Simplicity

Network and application optimization is part of Aryaka's end-to-end managed SD-WAN, hiding complexity from the enterprise.



Lower TCO

Network and application optimization help enterprises generate the maximum return on their SD-WAN investment, ensuring data integrity and a peak employee experience, anytime and anywhere in the world



Internet / Layer 2

- Link Redundancy
- IPSec Encryption
- App Acceleration
- Deduplication
- Compression
- QoS

Aryaka Core Network

- Private Network
- Guaranteed Bandwidth
- Application Acceleration
- 99.99% SLAs
- Low, stable latency
- Carrier Redundancy
- Software-Defined
- Application Proxies

Internet / Layer 2

- Link Redundancy
- IPSec Encryption
- App Acceleration
- Deduplication
- Compression
- QoS

SmartOptimize			Global	Regional
	TurboNet	Network-based optimization and acceleration – TCP, Aryaka Assure	Included	Included
TurboApp	Application Protocol-specific optimization and acceleration – Compression, SSL, CIFS	Included	Optional	

About Aryaka Networks

Aryaka delivers the #1 fully-managed, end-to-end global SD-WAN service for the cloud-first era. Our unique technology integrates multi-cloud connectivity, application optimization, security, last-mile management and visibility into an SLA-driven OPEX-only solution that provides unmatched agility and improved TCO for the global enterprise.

LEARN MORE: info@aryaka.com