Aryaka SmartSecure VPN Accelerate
Network-Based Acceleration for Existing VPN Solutions

**Aryaka SmartSecure: VPN Accelerate**

While SD-WAN technologies have been making inroads into enterprise branch offices and datacenters, remote access has remained a separate technology silo, leaving remote and mobile users struggling with poor application performance and slow access to corporate resources, translating into lost productivity.

### Core Capabilities

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<thead>
<tr>
<th>For Remote &amp; Mobile Employees</th>
<th>For IT</th>
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<tbody>
<tr>
<td>- Accelerate both on-premises and cloud/SaaS application performance</td>
<td>- Simplify VPN infrastructure and reduce costs</td>
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<td>- Access consistently fast data, voice and video from anywhere in the world</td>
<td>- Gain end-to-end network and application visibility</td>
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<td>- Experience fewer disconnects</td>
<td>- Enhance remote access security</td>
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<tr>
<td>- Use existing VPN client and concentrator — no additional software or hardware required</td>
<td>- Deploy in hours globally without changes to security policy - simple DNS change</td>
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### For Remote & Mobile Employees

**1. Global Private Network**

Enables remote and mobile employees to bypass the bottlenecks and unpredictability of the public Internet.

**2. WAN Optimization**

Accelerates application delivery without any additional hardware or software, leveraging Aryaka’s private backbone.

**3. Dynamic IP App Acceleration**

Accelerates all IP-based traffic to global users (application-agnostic acceleration). Includes TCP optimization.

**4. Intelligent DNS-Based Routing**

Automatically connects mobile and remote employees to the most optimal PoP for the best application performance.

**5. Global Load Balancing**

Enables remote and mobile employees to use a single domain name to connect to the VPN concentrator without having to change local VPN settings or worrying about where they are.

**6. BYOD Support**

Enables faster delivery of applications to all devices and operating systems.
Benefits achieved by using Aryaka SmartSecure VPN Accelerate

- **Up to 10x times faster application performance for remote and mobile users.**
- **Global deployment in hours, with the ability to scale in minutes.**
- **Ability to consolidate global VPN concentrators, reducing complexity and cost for IT.**
- **Enhanced security and visibility of all remote and mobile user activity.**

**Aryaka Secure Remote Access** may be deployed on its own, or in conjunction with other Aryaka SmartServices.

- **SmartManage**
  - Global Orchestration, Connectivity, and Monitoring
- **SmartInsights**
  - Actionable Insights-as-a-service
- **SmartSecure**
  - Security-as-a-service
- **SmartCloud**
  - Multi-Cloud Networking as-a-service
- **SmartOptimize**
  - Application Acceleration as-a-service
- **SmartConnect**
  - Connectivity-as-a-service
  - Global, Regional, and DIA

**SmartSecure VPN Accelerate Implementation**

SmartSecure VPN Accelerate can be up and running within minutes – no new hardware or software is required. Enterprises merely implement an Aryaka-provided CNAME (Canonical Name) record in DNS (Domain Name System) for their own enterprise VPN domain(s). Alternatively, remote users can just directly access the Global Aryaka Private L2 Network and benefit from its inherent performance benefits by entering/selecting the new CNAMEs in their existing VPN client software.

**About Aryaka Networks**

Aryaka, the Cloud-First WAN company, brings agility, simplicity and a great experience to consuming the WAN-as-a-service. An optimized global network and innovative technology stack delivers the industry’s #1 managed SD-WAN service and sets the gold standard for application performance. Aryaka’s SmartServices platform offers connectivity, application acceleration, security, cloud networking and insights leveraging global orchestration and provisioning. The company’s customers include hundreds of global enterprises including several in the Fortune 100.

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