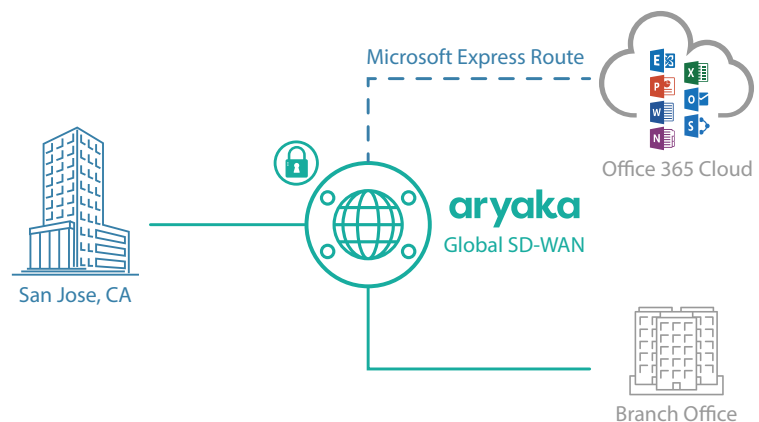# InvenSense®

Office 365 Runs Faster on Aryaka

Leading System-On-Chip Provider Chooses Aryaka over MPLS and WAN Optimization Hardware to Accelerate Performance of Office 365 Globally

Company Profile

Industry: Consumer Electronics

Headquarters: San Jose, CA

"Our employees used to frequently complain about the slowness of Office 365, which was running over the Internet. We needed a high-performance, cloud-ready wide area network that could make our lives easier. **With Aryaka's Office 365 acceleration solution, our employees experienced terrific performance improvements all over the world.** *I think, the ability of Aryaka to connect to cloud providers like Microsoft is phenomenal, and truly helps businesses like us to leverage the benefits of SaaS."*

**Kenny Gilbert,
CIO at InvenSense**

The Problem

InvenSense, the leading provider of intelligent Sensor System on Chip (SoC) solutions, needed a solution that could improve the collaboration among its globally-distributed workforce. The company's new CIO was inundated with complaints from multiple employees on poor application performance, especially for Office 365. While they suffered significant performance issues for site-to-site and cloud-based traffic traveling over the WAN, the expensive and inflexible nature of legacy solutions were just not suitable for their requirements.

Their major concern revolved around handling the challenges of managing critical applications, such as Office 365, which they had moved to the cloud.

InvenSense had been considering conventional solutions like MPLS but realized that these legacy solutions were not inherently designed to cater to the cloud environment. Moreover, these solutions were too expensive and took months to deploy, and they also needed to be topped up with extra WAN optimization hardware, in order to enhance throughput and conserve expensive bandwidth. Additionally, managing and maintaining this complex infra-structure was cumbersome and threatened to affect the company's productivity in the long run.

*InvenSense Accelerates Connectivity to Office 365
with Aryaka's SmartCONNECT SD-WAN as a Service.*

Office 365 Runs Faster on Aryaka

The Solution

To eliminate performance issues with Office 365 and deliver a seamless user experience to end users, InvenSense deployed Aryaka's SmartCONNECT SD-WAN as a Service, which combines:

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 ExpressRoute, and to Amazon Web Services (AWS) using DirectConnect.

Global Private 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.

WAN Optimization
Delivers up to 40x faster performance for on-premises and cloud/SaaS applications in addition to bandwidth savings.

SD-WAN Functionality
Enables dynamic path selection, load balancing, and converged WAN-edge functionality at branch offices with cloud access and VPN connectivity, routing and optimization in a single customer premises equipment (CPE).
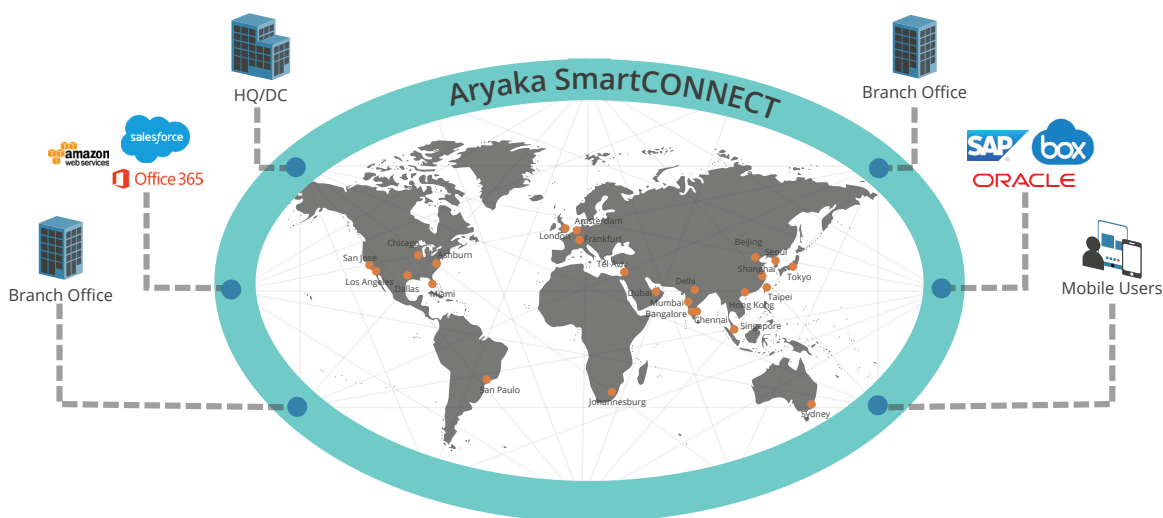
TCP Optimization
Delivers end-to-end latency mitigation, packet loss mitigation, and enhanced congestion management that supercharges TCP applications for faster delivery

Fully Managed Service
Includes 24x7x365 CCIE-level customer support.

Compared to MPLS & WAN Optimization hardware, Aryaka's SmartConnect offers:

- Optimized access to global cloud/SaaS applications even from remote global locations.

- PoPs located 1-5ms from leading cloud service datacenters, enabling faster delivery of cloud-based resources.

- Real-time network and application visibility.

- 99.99% uptime without having to invest in secondary circuits for network redundancy.

- Deployment within days, vs weeks or months.

- End-to-end network technology ownership and management.

LEARN MORE | info@aryaka.com | +1.877.727.9252

About Aryaka
Aryaka is transforming how global enterprises connect sites and users worldwide, and use mission-critical applications to support modern business execution demands. Aryaka's Global SD-WAN combines a purpose-built private network, SD-WAN, optimization and acceleration techniques, connectivity to cloud platforms, and network visibility in a single solution that is delivered as a service.