

How Aryaka Unified SASE as a Service Addresses The Top Five China Connectivity Challenges

Globalization is a core driver for digital transformation in the enterprise. With its high economic growth, and the strategic importance of the Chinese market, China is now top of the list of countries to expand to and to invest in internationally.

Developing business operations into China offers huge potential. However, enterprise network connectivity in China presents local challenges, ranging from the availability and quality of internet connectivity to providing proof of compliance with local regulations. The first challenge routinely leads to high latency and packet loss, while the second impacts the availability and flexibility of delivered services.

In this document, we will explore the top 5 challenges faced by global enterprises when connecting employees, customers, partners and suppliers in the China region.



Challenge 1: Enterprise Application Performance into China

The combination of infrastructure performance issues and strict regulatory compliance creates significant challenges for businesses to connect their users and mission-critical applications in China. Without a local presence, providers struggle to deliver an end-to-end application SLA that meets enterprise needs.

The Aryaka Solution

The combination of infrastructure performance issues and strict regulatory compliance creates significant challenges for businesses to connect their users and mission-critical applications in China. Without a local presence, providers struggle to deliver an end-to-end application SLA that meets enterprise needs.

Challenge 2: Communication / UCaaS Application Performance

Unified Communications has been growing steadily for a couple of decades. However, due to the recent Covid-19 pandemic and the resulting permanent hybrid workplace, the need for communication tools like Microsoft Teams, Webex, Zoom, and others continues to accelerate globally. UCaaS applications have experienced consistent growth in adoption as hybrid workforces become more prevalent globally.

The Aryaka Solution

Building on the in-region footprint described earlier, the solution must optimize connectivity to the different UCaaS/CCaaS gateways, both within China and internationally. This requires optimization across the last-mile, a congestion-free middle-mile powered by dedicated links, and a direct first-mile handoff at the cloud edge to the selected collaboration application. Additionally, it requires configurability and visibility into the mix of applications via a simple-to-use cloud-driven portal. Aryaka's regional SaaS handoffs directly from co-location facilities deliver on this requirement.

Challenge 3: IP-Based Applications

The network must offer the performance and flexibility to support any application IT deploys, rather than optimizing for specific content or sources/destinations. A generalized architecture provides a superset of the more limited CDN capabilities without introducing complexity such as usage-based charging. Aryaka's scalable unified single-pass architecture, powered by Aryaka's Global Private Core Network, delivers on this requirement.

The Aryaka Solution

The WAN must offer the performance and flexibility to support any application IT deploys, vs optimizing for specific content and sources/destinations. A generalized architecture also delivers a superset of the more limited CDN capabilities and doesn't introduce complexity such as usage-based charging. Aryaka's scalable cloud-first architecture delivers on this requirement.

Challenge 4: Remote Worker Connectivity

As of 2023, it is estimated that 300 million people in China were working remotely, coexisting with various work models such as hybrid and fully remote work arrangements. Going forward, the CIO mandate is to treat these 'anywhere' workers as first-class citizens in terms of access to corporate applications, ensuring they have secure connectivity and highly predictable application performance, just as if they were working from a traditional office.

The Aryaka Solution

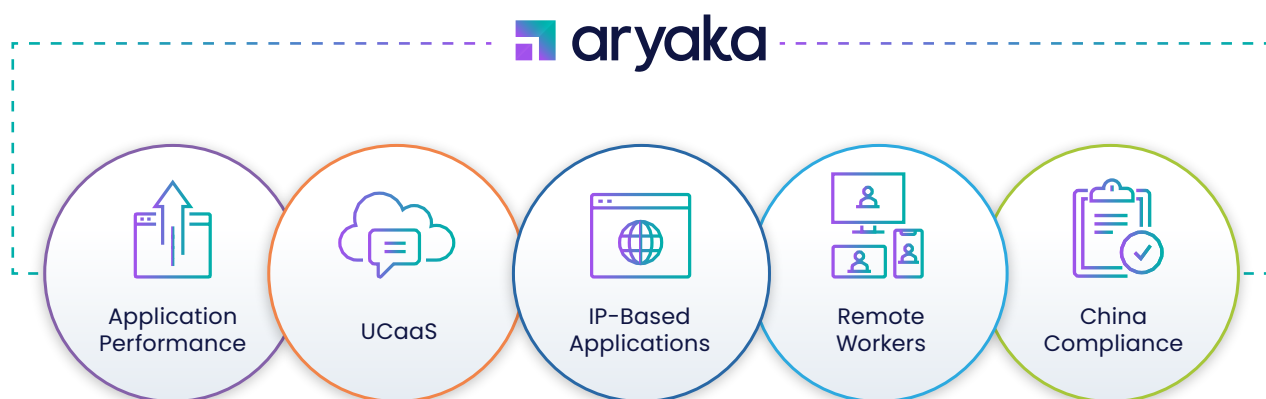
The offer must support the remote workforce in a scalable way, and with an architecture that distributes access and capacity. In order for the enterprise to maintain a consistent view across both on-premises workers and those remote, highly critical for both flexibility and security, both types of workers should have their traffic aggregated at a common services PoP vs a siloed architecture. Aryaka's Private Access, available from all PoPs in China, delivers on this requirement.

Challenge 5: China Compliance

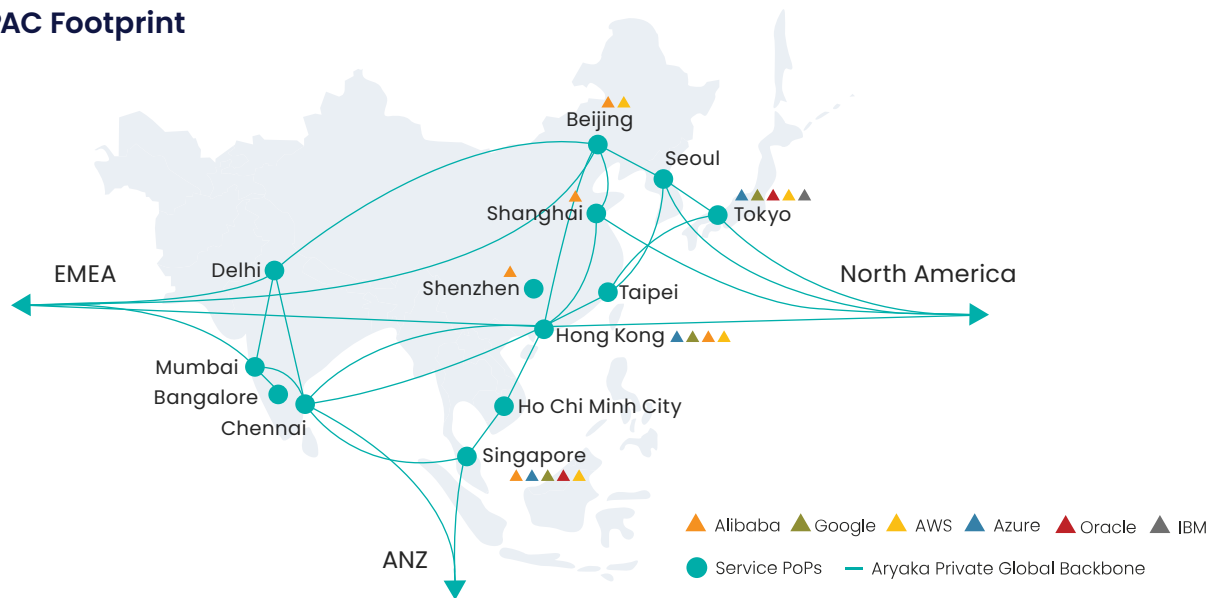
For foreign businesses, addressing the compliance challenges of establishing a presence in China can be extremely complex. It requires a fine balance of legal and technical evaluation. Just relying on an existing, non-IP based IT infrastructure is non-optimal as described above, and a do-it-yourself approach without a keen understanding of the environment is fraught with risk.

The Aryaka Solution

The network provider must have extensive experience navigating the regulatory landscape and must have established partnerships that ease the burden of implementation and compliance for enterprises. This expertise cannot be developed overnight. Aryaka's partnerships with Alibaba Cloud and other key players deliver on this promise, ensuring seamless compliance while leveraging Aryaka's Global Private Core Network.



Aryaka APAC Footprint



Aryaka Delivers on China Connectivity



World Textile Leader Deploys
Aryaka to Initiate Network
Transformation in China

The Challenge

Headquartered in the UK with 19,000 employees across 50 countries, Coats had already achieved a 300% improvement in employee user experience since deploying Aryaka's networking services. However, the company faced challenges connecting its locations in China to its European offices. Coats sought to replace its legacy, underperforming MPLS solution with Aryaka's solution, leveraging Aryaka's Global Private Core Network for better performance and reliability.

As existing MPLS contracts came up for renewal, Coats' IT teams and executives recognized that their current MPLS solution was incapable of fully supporting new global applications like Microsoft 365, which is used across all worldwide sites. They needed a more robust solution to ensure seamless connectivity and application performance.

The Solution

User collaboration tools and business applications are critical for Coats, especially in China, where they needed a solution that could guarantee user satisfaction when accessing these tools. Aryaka was the only provider capable of optimizing and accelerating traffic to critical applications hosted both in the cloud and in their data centers, leveraging its Unified SASE platform with a single-pass architecture for seamless performance and security.

About Aryaka

Aryaka is the leader in delivering Unified SASE as a Service, a fully integrated solution combining networking, security, and observability. Built for the demands of Generative AI as well as today's multi-cloud hybrid world, Aryaka enables enterprises to transform their secure networking to deliver uncompromised performance, agility, simplicity, and security. Aryaka's flexible delivery options empower businesses to choose their preferred approach for implementation and management. Hundreds of global enterprises, including several in the Fortune 100, depend on Aryaka for their secure networking solutions. For more on Aryaka, please visit www.aryaka.com.



Experience Aryaka's Unified SASE as a Service

[View Interactive Tour](#)