

Accelerate CAD/CAM Performance Up to 5x with Aryaka's Unified SASE as a Service

Solution Brief

Unified SASE Accelerates CAD/CAM Applications:

- **File integrity** is maintained using Aryaka's global private core network, which includes built-in WAN optimization to minimize packet loss.

Advanced traffic management

- ensures service prioritization, traffic shaping, and bandwidth reservation, **guaranteeing consistent bandwidth for critical applications.**

Last-mile optimization enhances **Quality of Service (QoS)** across all

- locations, even those with suboptimal internet connections.

Real-time visibility through the Aryaka portal offers granular insights into

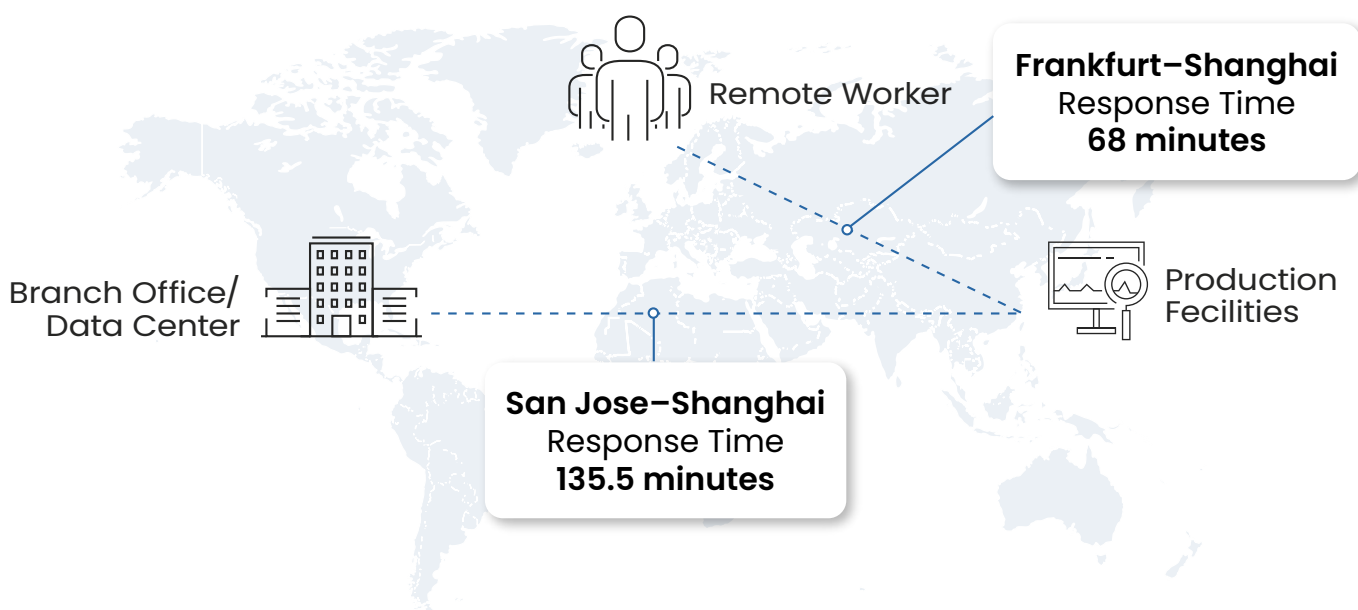
- network performance, enabling you to optimize **CAD/CAM application performance.**

Manufacturing companies rely on CAD/CAM (Computer Aided Design/Manufacturing) applications such as Autodesk AutoCAD and DS Solidworks for collaboration between design, engineering, and project teams. The more globalized the company is, the more distributed teams become: an architectural firm in California might be working on designs for a building to be constructed in Germany. Meanwhile, specialty parts will need to be acquired from an office in China.

These design applications function acceptably when everyone is in close proximity, however as distance increases so does performance degradation. Having the right network that delivers fast application performance for every global location and does not corrupt the integrity of data by the time it reaches remote locations is paramount.

"If an end user needed to order parts and our data transfers were not current, we could commit to ordering something we didn't actually have, and cause delays in being able to service our customers."

–Darren Sargent,
Infrastructure Engineer Makino

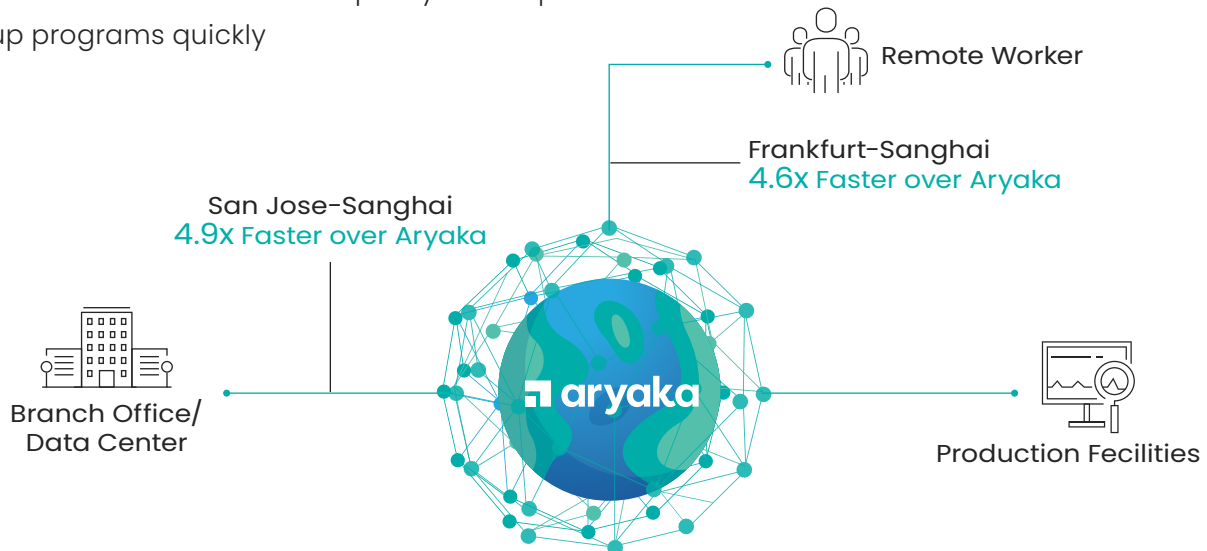


Average response time for a 200MB 3D CAD model to travel from Shanghai to San Jose or Frankfurt range from 68 to 135 minutes. Transfer times of this length not only slow down end user performance, but result in significant productivity loss.

Accelerate CAD/CAM Performance Up to 5x with Aryaka's Unified SASE as a Service

Aryaka's Unified SASE as a Service delivers fast, predictable performance for CAD/CAM applications, such as Autodesk AutoCAD and DS Solidworks, enabling engineering and project teams to:

- Transfer files with integrity, in less time
- Open designs and models faster
- Collaborate over video with a quality user experience
- Set up programs quickly



Using Aryaka Unified SASE as a Service, CAD/CAM applications run up to 5x faster anywhere in the world.

Aryaka SmartCONNECT — Making CAD/CAM Applications Faster:

Aryaka Global Private Core Network

Leverages a software-defined, private core network that bypasses the congested public Internet for fast, reliable, and predictable connectivity.

Application Acceleration

Improves performance of CAD/CAM applications up to 5x with TCP and WAN Optimization capabilities built into the network.

Multi-Cloud Connectivity

Access cloud applications seamlessly with direct connectivity to and between platforms.

Unified SASE Technology

Simplifies network architecture, optimizes traffic flows, and ensures Quality of Service (QoS), configuration accuracy, resilience, failover, and scalability.

Aryaka Unified SASE as a Service

Delivers 24x7 expert network monitoring and management to ensure optimal performance and high-quality link connections across all locations.

Network Visibility Portal

Provides a real-time 360-degree view of all network traffic and applications end-to-end.

Aryaka's Unified SASE as a Service is a global fast lane for all our applications, enabling the synchronization of massive amounts of data and delivering applications to every end user as if they were in the local data center.

—Glenn Hensley, IT Infrastructure Manager, Makino



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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

About Aryaka