

# Accelerate CAD/CAM Performance

## Up to 5x with SmartCONNECT SD-WAN as a Service

### Solution Brief

#### SmartCONNECT speeds up CAD/CAM applications:

- **File integrity** is maintained by using Aryaka's private network with built-in WAN optimization that limits packet loss.
- Service prioritization, traffic shaping, and bandwidth reservation algorithms provide **guaranteed bandwidth**.
- Intelligent last mile optimization delivers **Quality of Service (QoS)** to all locations, including those with poor-quality Internet links.
- **MyAryaka** visibility portal offers real-time, granular insight to your services so you can optimize performance for CAD/CAM.

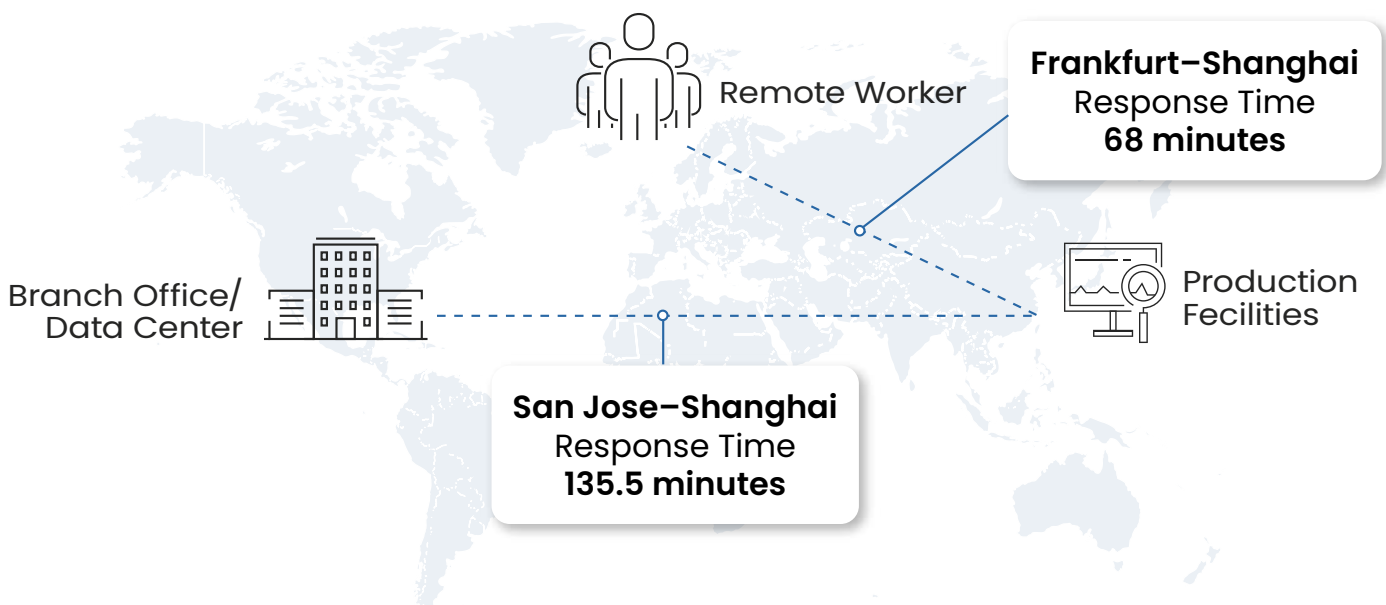
Manufacturing companies rely on CAD/CAM (Computer Aided Design/Manufacturing) applications such as Autodesk AutoCAD and DS Solidworks for collaboration between design, engineering, and project teams. The more globalized the company is, the more distributed teams become: an architectural firm in California 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

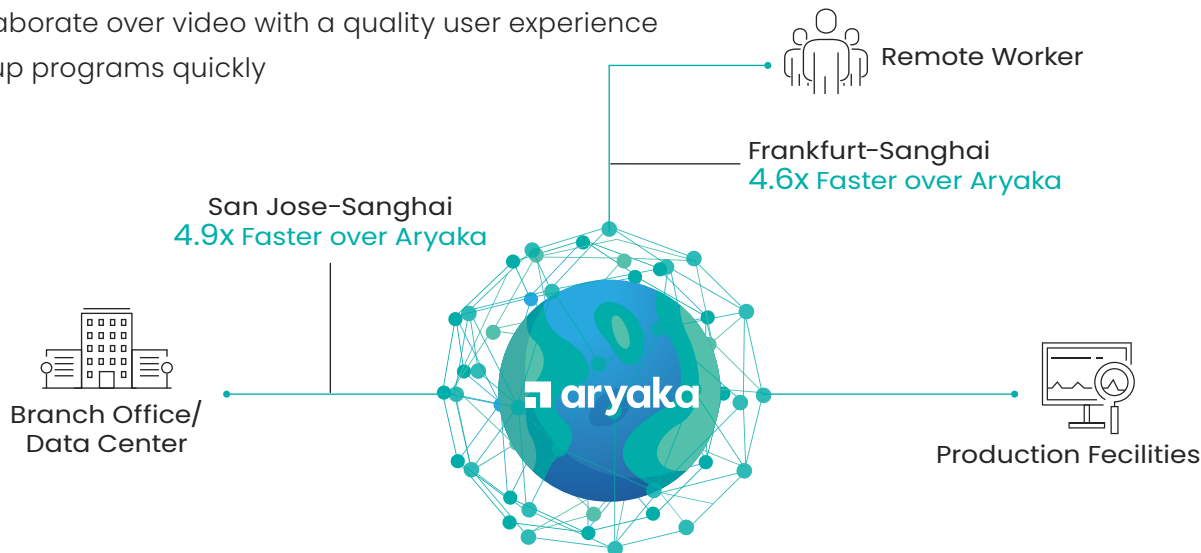


Average response time for a 200MB 3D CAD model to travel from Shanghai to San Jose or Frankfurt range from 68 to 135 minutes. Transfer times of this length not only slow down end user performance, but result in significant productivity loss.

# Accelerate CAD/CAM Performance Up to 5x with SmartCONNECT SD-WAN as a Service

Aryaka's SmartCONNECT SD-WAN as a Service delivers fast, predictable performance for CAD/CAM applications, such as Autodesk AutoCAD and DS Solidworks, so engineering and project teams can

- 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 Smart CONNECT SD-WAN as a Service, CAD/CAM applications run up to 5x faster anywhere in the world.

## Aryaka SmartCONNECT – Making CAD/CAM Applications Faster:

### Global Private Network

Leverages software-defined, private network, WITH NO MPLS, 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.

### SD-WAN Technology

Simplifies the WAN, improves traffic flows, and ensures QoS, configuration accuracy, resilience, failover, and scalability.

### Fully Managed Network-as-a-Service

Delivers 24x7 expert network monitoring and management to ensure performance and quality link connections.

### Network Visibility Portal

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

Aryaka's SD-WAN is a global fast lane for all our applications and makes it possible to synchronize massive amounts of data and deliver applications to every end user like it's in the local data center.

**Glenn Hensley, IT Infrastructure Manager, Makino**



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Aryaka, the Cloud-First WAN and SASE company, and a Gartner "Voice of the Customer" leader, makes it easy for enterprises to consume network and network security solutions delivered as-a-service for a variety of modern deployments. Aryaka uniquely combines innovative SD-WAN and security technology with a global network and a managed service approach to offer the industry's best customer and application experience. The company's customers include hundreds of global enterprises including several in the Fortune 100.

About Aryaka