

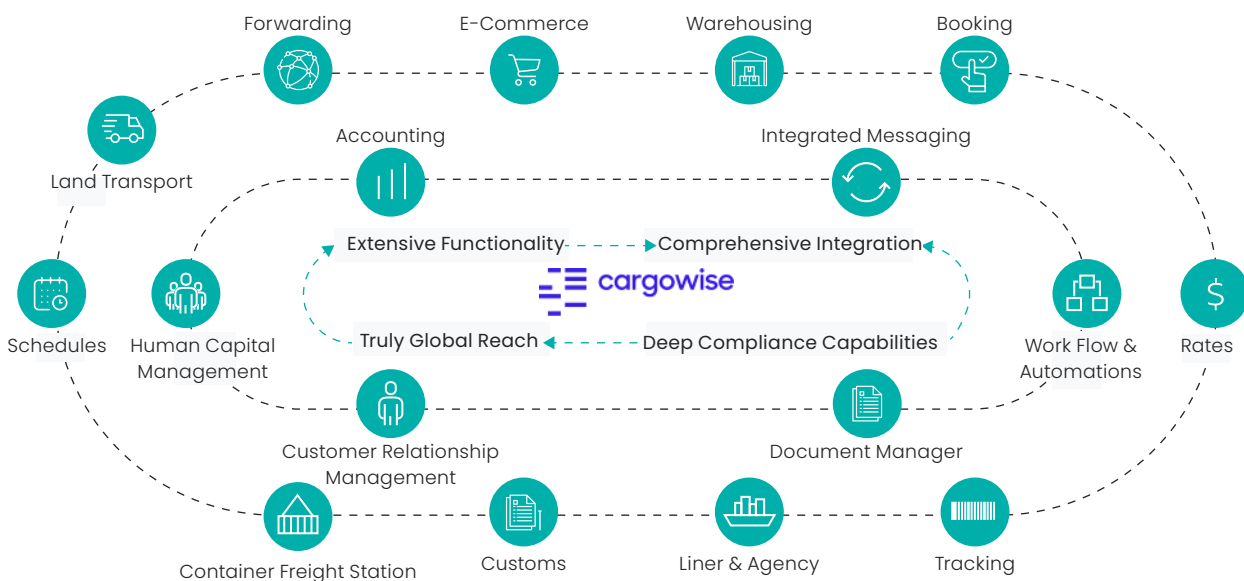
CargoWise:

Optimizing Supply-Chains Globally

Solution Brief

E-commerce has consolidated the world into a single unified marketplace where consumers trade products globally, regardless of its production location. Needless to say, all that trade relies heavily on a frictionless logistical experience, making it a complex structure of people, process, information, activities, and resources. As one can imagine, this supply chain model runs on petabytes of analytical data. This is where CargoWise comes in.

Available in 30 languages and licensed across 160 countries, CargoWise is an end-to-end logistics execution platform that enables its users to simplify highly complex transactions and manage their operations on a single database across multiple users, functions, countries, languages, and currencies. The popularity of the powerhouse solution can be gauged from the fact that it is trusted and used by more than 7,000 organizations worldwide.

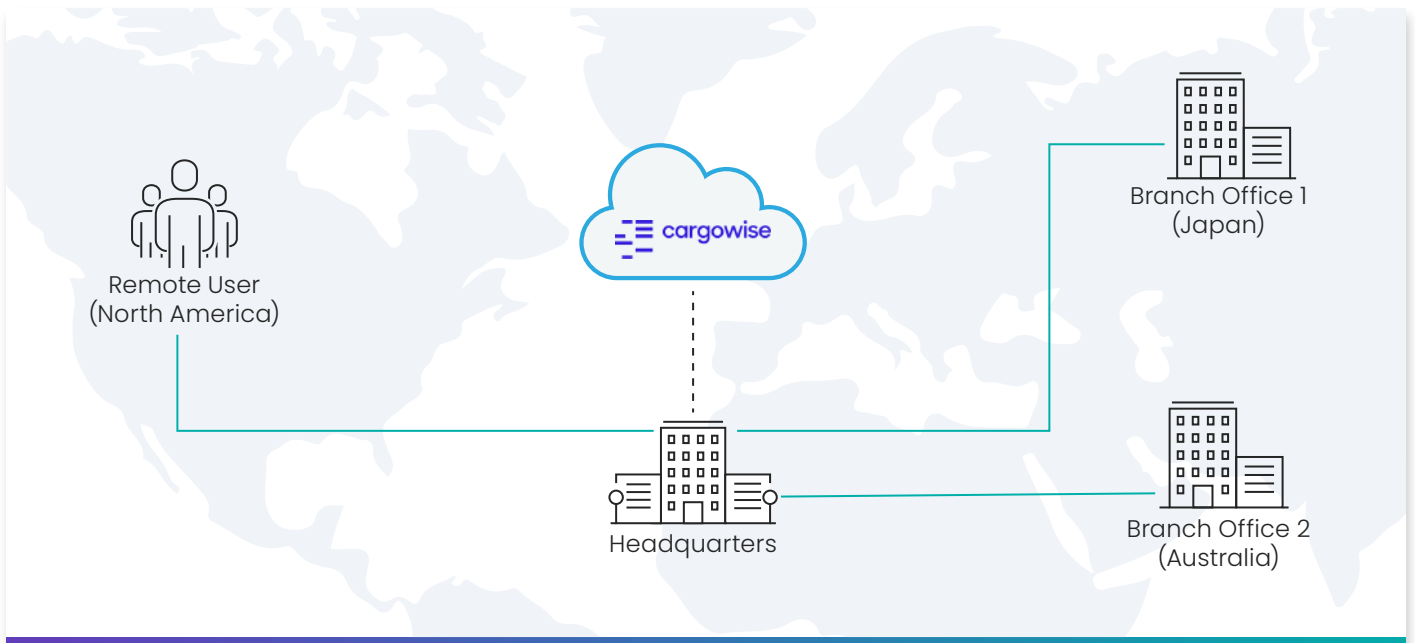


Getting Past the Network Roadblock

For a tool that runs such intricate transactions and needs to facilitate data to users spread across the globe – often instantaneously and simultaneously – robust network connectivity is crucial to CargoWise’s performance.

To ensure faster data uploads and application synchronization, while making it centrally available to all the stakeholders instantaneously, one needs a lightning-fast network for moving data between the central repository and the remote corners of the world. A prerequisite that any traditional mode of network connectivity barely meets.

For instance, MPLS might be a good fit for a stationary hub-and-spoke topology between branch offices and headquarters, but it doesn’t meet the dynamic and on-the-go connectivity requirements of applications such as CargoWise. Furthermore, it’s hard for a tool that banks heavily on to and fro movement of data between different operational units and remote workers to keep up with the hub-and-spoke architecture of the MPLS. The said architecture often results in inefficient routing that increases the distance between users and applications, not to mention flexibility and scalability limitations.



Realizing the mobile nature of data entry points, the public internet appears as a second alternative. However, the mishmash nature of global ISPs makes it a very unreliable option to run mission-critical data. Moreover, when every inch of movement and every second of time needs to be fed in the system for guiding the next-steps, even a second of downtime can create irreversible point of failures. The internet comes with no such SLA guarantees and, in most cases, fails to meet the basic requirements of business-grade connectivity.

Lastly, neither of these solutions provide any sort of optimization benefits to SaaS applications. The successful implementation of CargoWise demands an exit from integrating legacy technology siloes and transitioning to an SD-WAN as-a-Service for simplified network connectivity and application delivery.

CargoWise and Aryaka: Smarter, Faster, Better

To witness your CargoWise solution perform with all its promise, you need a network that can connect, optimize and secure your data. And do all of that in the blink of an eye. Aryaka is a tailor-made connectivity solution made for SaaS applications with requirements such as CargoWise One.

Aryaka is the industry leader in Cloud-First WANs, delivering networking and security-as-a-service via a fully managed SD-WAN and SASE architecture. Our 35+ Services PoP based architecture is purpose-built for transferring data between globally dispersed users and road-warriors. It lets users connect to their data repository (CargoWise) instances as fast as 30 milliseconds – securely, from anywhere in the world. The PoPs connect to the service edge, and interconnect via a dedicated L2 mesh, and when combined with our global orchestration, operate as a well-integrated machine that ties together your connectivity, security, optimization, and clouds with no blind spots.



The global private network eliminates the need for backhauling and mitigates single choke points. The built-in optimization and resiliency combined with guaranteed stable core latency ensures lightning-fast connectivity and zero congestion between the sites, data centers, and CargoWise instances.

The benefits include:

<p>Global Private L2 Network</p>	<ul style="list-style-type: none"> • Private L2 Enterprise Grade Connectivity • Guaranteed QoS Across Aryaka's Global Network • 99.999% Up Time, Offering Stable and Predictable Performance With Built In Redundancy at Every PoP
<p>WAN Optimization</p>	<ul style="list-style-type: none"> • Compression and Data Deduplication • Global Acceleration and Performance Improvement for CargoWise One • Up to 98% Data Reduction, Reducing Costs and Subscribed Bandwidth Required Over Aryaka's Network
<p>ANAP (Aryaka Network Access Point)</p>	<ul style="list-style-type: none"> • Fully-Managed Device Deployed on Customer Site • Last-Mile Acceleration and CargoWise Acceleration • No CapEx, Upgrade, Maintenance, or Support Fees – Ever
<p>Visibility</p>	<ul style="list-style-type: none"> • My Aryaka Customer Portal for Network Wide Visibility • Application, Link, Location, and Port Level Statistics • Real-Time Analytics on TCP, UDP, RDP, and CargoWise One Performance
<p>Security</p>	<ul style="list-style-type: none"> • Customer Traffic Encrypted End-to-End; Private Connectivity Into Data Centers • Aryaka PoPs Located in Tier3+ Carrier-Neutral Data Centers That Are SAS-70 Certified, Ensuring Maximum Security
<p>Instant deployment</p>	<ul style="list-style-type: none"> • Global Deployment in Minutes, Not Weeks or Months • High Availability & Agility Providing Network Changes in Minutes Anywhere in the World • No Overhead or Dedicated Internal Resources Needed



+1.888.692.7925 | info@aryaka.com

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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