aryaka

ThoughtWorks®

ENTERPRISE APPLICATIONS RUN FASTER ON ARYAKA

ThoughtWorks Chooses Aryaka Over MPLS and WAN Optimization Appliances to Achieve Up to 80% Faster Application Performance

The Problem

Headquartered in Chicago, ThoughtWorks hosted all of its mission-critical applications centrally, which were accessed by a globally distributed workforce. However, the distances between its US data center and international locations, such as China and Bangalore, were adversely impacting the performance of these applications, due to fluctuating latencies and high packet loss, hampering business productivity.

As the organization kept growing, the performance and delivery of centrally hosted applications like PeopleSoft deteriorated, while software management tools, remote logins and other critical enterprise applications showed no signs of improvement. The company needed a solution that could help their employees experience fast, reliable access to mission-critical applications from anywhere in the world.

ThoughtWorks evaluated multiple MPLS-based solutions and found them to be expensive and rigid, taking several months to provision – a luxury ThoughtWorks could not afford. In addition, these solutions required the company to invest in WAN Optimization Controllers (WOCs) to improve performance. The traditional appliance-based approach to WAN Optimization was CapEx-heavy, complex, and a hassle to manage and maintain.

Company Profile

Industry: IT Services
Headquarters: Chicago, Illinois, United States
Website: www.thoughtworks.com

Challenges

- Poor Performance of PeopleSoft, Software Management Tools and Remote Logins
- Extremely slow response time for critical enterprise applications
- Fluctuating latencies between offices in India, China and U.S

Solution

Aryaka SmartCONNECT

Benefits

- Up to 80% faster application performance, including PeopleSoft, Exchange and SVN
- Up to 60% data compression across all applications
- Stable latencies between globally distributed locations
- Quick turn up and annual savings over MPLS and legacy WAN Optimization appliances

The Solution

To stabilize latency and address application performance issues across global locations, ThoughtWorks deployed Aryaka's SmartCONNECT. Aryaka's SmartCONNECT combines:

- **Global Private L2 Network:** Bypasses the congested public Internet through a global private 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).
- **Real-time Network and Application Visibility:** Offers an end-to-end, fully transparent network and application view.
- **Fully Managed Service:** Includes 24x7 CCIE-level customer support.

Compared to MPLS + WOC solutions, Aryaka's SmartCONNECT offers:

- Faster performance for global cloud/SaaS applications like Office 365, SAP Business ByDesign, Azure, AWS, Salesforce, and others, even in remote locations such as China
- Up to 56% cost savings
- Deployment within days vs. weeks or months

> " PeopleSoft, software-management tools, remote logins and a variety of other critical enterprise applications performed poorly over long distances, especially between our offices in Chicago and China, and similarly between our offices in Fremont and Bangalore. We didn't want to undergo the headaches, cost and lengthy onboarding process with MPLS and Riverbed. Instead, we embraced the idea of WAN Optimization as-a-Service. With Aryaka's predictable low latency between locations, our applications now run 80 percent faster.
>
> Nitin Raina, Director of global IT for ThoughtWorks

The Results

- By delivering optimized, enterprise-grade connectivity between the company's globally distributed offices, Aryaka's SmartCONNECT resolved latency issues faced by the company, and application performance was enhanced by up to 80%.
- ThoughtWorks benefitted from superior performance of mission-critical applications like PeopleSoft, Exchange and SVN.
- Aryaka's WAN Optimization capabilities compressed traffic by up to 60%, resulting in increased network throughput and significant bandwidth savings for ThoughtWorks.
- ThoughtWorks also gained real-time network and application visibility with Aryaka, enabling network monitoring and troubleshooting.
- Aryaka's service significantly reduced total cost of ownership (TCO) while providing ThoughtWorks with the flexibility to add offices on the network in a matter of days.
- In addition, the fully managed SmartCONNECT solution, including 24x7 CCIE-level support, eliminated network management and maintenance hassles for the IT team at ThoughtWorks.

Next Steps

> Give it a try to experience the benefits for yourself. Sign up for a **Free Trial**.
> Questions? Email **sales@aryaka.com** or give us a call at 1.877.727.9252.
> For information on other products, services, use cases or customer success, visit **www.aryaka.com**.