OneAs1a SD-WAN

OneAsia partners with Juniper Networks and provides a revolutionary tunnel-free SD-WAN solution leveraging Session Smart Router (SSR) technology. Our SD-WAN solution features a tunnel-free and Zero Trust architecture, ensuring high availability and best-in-class security, while enhancing network performance significantly.

oneAs1a
Empower Your Digitalization

Since 2018, OneAsia has entered the retail segment and built a long collaborative relationship with key enterprise clients in the industry. We optimize store network deployment for a leading direct selling company in the U.S., replacing its traditional Multiprotocol Label Switching (MPLS)-VPN network architecture with high-performance SD-WAN network for over 200 stores of the company in China. This enabled centralized Customer Premises Equipment (CPE) management in stores, centralized network monitoring, automatic sub-second failover between primary and backup links, and traffic load balancing. With such configuration, the company achieved a significant increase in network performance and optimized cost structure.

SD-WAN Upgrade

for a leading direct selling company in the U.S.

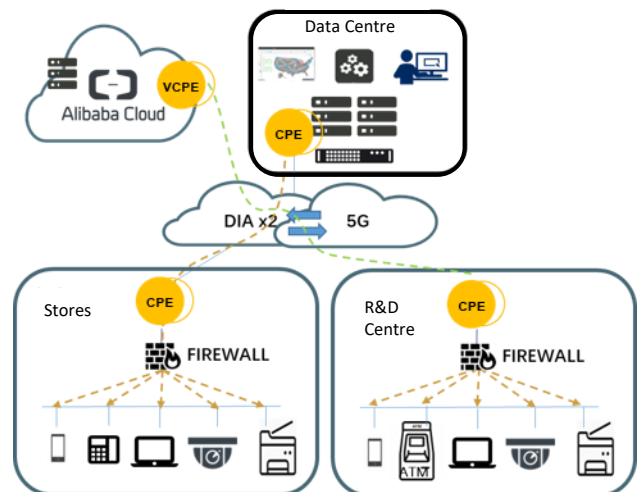**Our services include:**

| SD-WAN | Firewall |

| DIA | 5G | HA Configuration |

24 x 7 Operations services

One-stop full package service
No upfront hardware investment
Service subscription based on needs

☐   Upgraded existing 4Mbps MPLS-VPN to 2 sets of 50Mbps Dedicated Internet Access (DIA) +5G, enabling stores to access SD-WAN network through SD-WAN CPE;

☐   Deployed a cloud-based SD-WAN + Firewall software on Alibaba Cloud and AWS to achieve multi-cloud connectivity, centralized management, and unified logs storage and visualization;

☐   Enabled sub-second failover between primary and backup links including two DIAs and 5G, and ensured bandwidth for high priority applications based on QoS;

☐   Created Fully-Meshed Network between stores via SSR technology, enabling connectivity without backhaul to data centres;

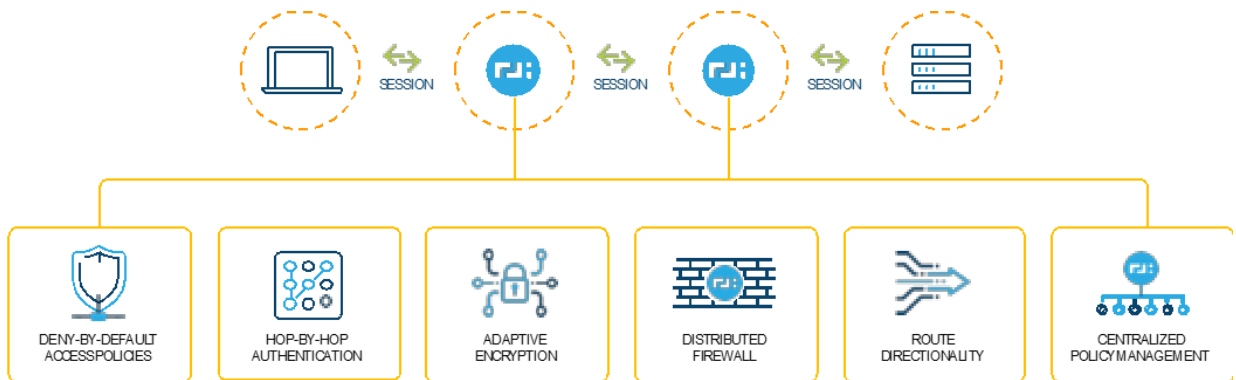☐   Encrypted all application data on SD-WAN links with the latest encryption technology.

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Project Attributes

- **Cost Reduction:** SD-WAN reduces monthly recurring costs while providing higher bandwidth and performance with SD-WAN + DIA + 5G network compared to MPLS-VPN;

- **High Reliability:** SD-WAN + DIA + 5G configuration provides multiple egress circuits, which enable circuit failover and traffic load-balancing to ensure network redundancy;

- **Better Security:** Traffics are encrypted in SD-WAN circuits and screened to improve network security. This helps IT administrators in continuous traffic monitoring and quick detection of attacks;

- **High Efficiency:** OneAsia AI-Driven Enterprise Network Management Platform enables unified management of SD-WAN routers, reducing the complexity of WAN operation and maintenance, improving efficiency, and reducing costs;

- **Flexible Configuration:** Clients can set application priority in line with business needs and guarantee critical application network utilization.

Stores use CPE which supports up to 2G bandwidth

Cost Reduction · High Reliability · Better Security · High Efficiency

SESSION · SESSION · SESSION

DENY-BY-DEFAULT ACCESS POLICIES · HOP-BY-HOP AUTHENTICATION · ADAPTIVE ENCRYPTION · DISTRIBUTED FIREWALL · ROUTE DIRECTIONALITY · CENTRALIZED POLICY MANAGEMENT

Client Feedback

"This was a milestone infrastructure project for our company in recent years, and took a year and nine months to carry out tasks ranging from product procurement, testing, solution discussion, contract signing, and implementation. During the process, we gained strong and timely support from OneAsia and the project proved to be a huge success. Among several service providers, OneAsia has the best response time, domain knowledge, and implementation efficiency.

OneAsia SD-WAN solution integrates 5G + SD-WAN + firewall + unified centralized management and visualization platform + 24-hour customer service + integrated operation & maintenance, and features a subscription pricing model, which allowed us to roll out store network upgrade in China cost-effectively, accelerated our digital transformation, and improved customer experiences at our stores across the nation."

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