

RIVO MULTITRADE OPTICAL SYSTEMS

1G SD-WAN devices in the 10 ASEAN countries



Overview

The cloud-based SD-WAN segment is accelerating in the Asia Pacific SD-WAN market, with a CAGR of 25.3%.

Key Takeaways

1G SD-WAN devices are widely available across ASEAN, with major vendors like VMWare, FortiGate, Citrix, and Aruba offering physical and virtual appliances suitable for 1 Gbps throughput, deployed in Singapore, Indonesia, Malaysia, Thailand, Vietnam, the Philippines, Brunei, Myanmar, Cambodia, and Laos. Regional Deployment Patterns

In ASEAN, SD-WAN adoption varies by country due to differences in infrastructure readiness and digital transformation initiatives. Urban hubs such as Singapore, Kuala Lumpur, Bangkok, and Ho Chi Minh City have the highest adoption rates, often using dual DIA or DIA plus 5G/LTE failover designs to ensure high availability and low latency for cloud applications and voice/video traffic (). Emerging markets like Indonesia, Vietnam, and Myanmar are seeing gradual adoption, with modular and scalable SD-WAN solutions enabling deployment even in semi-urban or rural areas ().

Key Vendors and Device Options

Several SD-WAN vendors provide 1G-capable devices suitable for enterprise and branch deployments in ASEAN ():

- VMWare SASE SD-WAN: Offers physical appliances and SaaS-based SASE solutions with integrated cloud security, supporting 1 Gbps throughput.
- FortiGate Secure SD-WAN: Available as physical or virtual appliances, combining firewall and SD-WAN capabilities for high-performance branch connectivity.
- Citrix SD-WAN: Provides SaaS and cloud-integrated appliances optimized for interactive applications, capable of handling 1G traffic.
- Aruba EdgeConnect: Physical and virtual appliances with SASE integration, suitable for multi-site deployments.
- Aryaka Networks and Lumen SD-WAN: Managed services that can deliver 1G performance without requiring in-house network administration.

Deployment Considerations

- Failover and Redundancy: Most 1G SD-WAN deployments in ASEAN use active-active dual circuits or DIA plus 5G/LTE failover to maintain uptime and prioritize critical applications ().
- Cloud Integration: SD-WAN devices are increasingly used to optimize connectivity to cloud platforms like AWS, Azure, and Alibaba Cloud, which are expanding in the region ().
- Security and Compliance: Devices often integrate SASE or firewall capabilities to ensure secure traffic routing and compliance with local data sovereignty regulations ().
- Scalability: Modular appliances allow enterprises to scale from 100 Mbps to 1 Gbps and beyond, accommodating growing branch networks and cloud workloads.

Market Trends

The Asia Pacific SD-WAN market is growing rapidly, with a projected CAGR of 31.48% from 2025 to 2033, driven by cloud adoption, remote work, and AI-driven traffic management (). ASEAN enterprises are increasingly favoring managed or co-managed SD-WAN services to reduce operational complexity and ensure consistent 1G performance across multiple sites (). In summary, 1G SD-WAN devices are widely supported in all 10 ASEAN countries, with multiple vendor options, flexible deployment models, and strong integration with cloud and security services, making them suitable for both urban and semi-urban enterprise networks.

Article Content

Multisite SD-WAN in ASEAN, Carrier Options and Failover Patterns

ASEAN networks work best when you pick one SD-WAN pattern, fix your access mix early, and prove failover two

Asia-Pacific SD-WAN and SASE Voice of Customer Report 2023:

The report presents key insights into how the market is developing in terms of SD-WAN and SASE technologies and

Asia Pacific SD-WAN Market Size, Share & Trends, 2034

The cloud-based SD-WAN segment is accelerating in the Asia Pacific SD-WAN market, with a CAGR of 25.3%. This progress is

SD-WAN

WANs allow companies to extend their computer networks over large distances, connecting remote branch offices to data centers

SD-WAN Service Portfolio

NTT's SD-WAN Service Portfolio supports 10+ leading and emerging SD-WAN CPE vendors, including both traditional CPE and

2023 SD-WAN and SASE Voice of Customer: Asia-Pacific View

The report presents key insights into how the market is developing in terms of SD-WAN and SASE technologies and entails a holistic

IDC MarketScape: Asia/Pacific Managed SD-WAN/SASE Services

This IDC study presents assessment of 10 communications SPs that provide secure virtual network services in the Asia/Pacific

ISG: Asia Pacific Enterprises Embrace SD-WAN and SASE for Digital ...

As enterprises in Asia Pacific continue to incur the high cost of multiprotocol label-switching (MPLS) links, some are

ViewQwest Unveils AsiaConnect: A Game-Changing SD-WAN

ViewQwest AsiaConnect SD-WAN is strategically designed for scalability, boasting minimal lead times for capacity

Asia Pacific Software-Defined Wide Area Network (SD-WAN) Market

Asia Pacific Software-Defined Wide Area Network (SD-WAN) Market is expected to grow during 2025-2031

Cisco SD-WAN

Cisco Catalyst SD-WAN Control Components and Device Management Guide, Releases 26.x and Later 09/Jun/2026 Cisco Catalyst

SD-WAN Market Size, Trends & Forecast Report, 2030

The software-defined wide area network (SD-WAN) market generated revenue of USD 4,287.4 million in 2023, which is expected to

SD WAN Market

The Software-Defined Wide Area Network Market worth USD 11.61 billion in 2026 is growing at a CAGR of 19.53% to

8 Leading SD-WAN Providers: A Comprehensive Analysis

The SD-WAN ecosystem & market is becoming an increasingly interesting area & a potential battleground.

SASE

The New Network for a Resilient Distributed Enterprise with an Intent-Based Network Architecture Users

Software-Defined Wide Area Network Market, 2024-2032 Report

The software-defined wide area network (SD-WAN) market size exceeded USD 7.2 billion in 2023 and is estimated to register a

Software-defined Wide Area Network Market Size Report, 2030

A software-defined wide area network (SD-WAN) links and expands business networks across large geographical areas. Key Market

10 Best SD-WAN Vendors & System Solutions

The best SD-WAN vendors Thanks to UCaaS, you have cloud services to consider when looking for an SD-WAN

SDW101

Edgecore Networks SD WAN solution is to address those network issues and able to provide robust, secure, adaptive network

ASEAN Medical Device Regulatory Integration

Currently, out of the 10 ASEAN countries, 6 have laws or “administrative guidelines” that govern Southeast Asia

ASEAN Regional Brief

The GII 2025 covers 10 economies in ASEAN: Brunei Darussalam, Indonesia, Cambodia, Lao People's

Secure Access Service Edge (SASE) vendor | Versa Networks

Secure every user, device, agent, and app from one platform Versa Universal SASE keeps you connected and secure anywhere

The ASEAN – ASEAN Revs Up: digital transformation

And while mobile penetration is high in most ASEAN countries, many still do not have access to unlimited internet on their mobile

What Is SD-WAN? Software-Defined Wide Area Network

SD-WAN (software-defined wide area network) is a type of networking technology that uses software-defined networking (SDN)

Software-Defined Wide Area Network (SD-WAN) Market Analysis

Competitive Landscape & Market Insights Companies are implementing various strategies, such as strategic alliances, software

List of ASEAN country subdivisions by GDP

This is a list of ASEAN country subdivisions by GDP are based on official exchange rates market exchange rates (Nominal) and

The Top 11 SD-WAN Vendors And Companies (2026 Rankings)

This tutorial explains SD-WAN concepts. Review and compare the top SD-WAN Vendors to select the best as per

SD-WAN Competitive Comparison Chart

Security Remote Office Branch Office On-prem security services Provides WAN optimization services including TCP optimization,

Homepage

The realisation of One ASEAN community starts and ends with the ASEAN peoples. Anchored on the three community

Best SD-WAN Reviews 2026 | Gartner Peer Insights

Find the top SD-WAN Solutions with Gartner. Compare and filter by verified product reviews and choose the software that's right for

Cisco SD-WAN

Cisco Catalyst SD-WAN Control Components and Device Management Guide, Releases 26.x and Later 09/Jun/2026 Cisco Catalyst

SD-WAN Market Size, Trends & Forecast Report, 2030

The software-defined wide area network (SD-WAN) market generated revenue of USD 4,287.4 million in 2023, which is expected to

SD WAN Market

The Software-Defined Wide Area Network Market worth USD 11.61 billion in 2026 is growing at a CAGR of 19.53% to

8 Leading SD-WAN Providers: A Comprehensive Analysis

The SD-WAN ecosystem & market is becoming an increasingly interesting area & a potential battleground.

SASE

The New Network for a Resilient Distributed Enterprise with an Intent-Based Network Architecture Users

Software-Defined Wide Area Network Market, 2024-2032 Report

The software-defined wide area network (SD-WAN) market size exceeded USD 7.2 billion in 2023 and is estimated to register a

Multisite SD-WAN in ASEAN, Carrier Options and Failover Patterns

ASEAN networks work best when you pick one SD-WAN pattern, fix your access mix early, and prove failover two

Asia-Pacific SD-WAN and SASE Voice of Customer Report 2023:

The report presents key insights into how the market is developing in terms of SD-WAN and SASE technologies and

Asia Pacific SD-WAN Market Size, Share & Trends, 2034

The cloud-based SD-WAN segment is accelerating in the Asia Pacific SD-WAN market, with a CAGR of 25.3%. This progress is

SD-WAN

WANs allow companies to extend their computer networks over large distances, connecting remote branch offices to data centers

SD-WAN Service Portfolio

NTT's SD-WAN Service Portfolio supports 10+ leading and emerging SD-WAN CPE vendors, including both traditional CPE and

2023 SD-WAN and SASE Voice of Customer: Asia-Pacific View

The report presents key insights into how the market is developing in terms of SD-WAN and SASE technologies and entails a holistic

IDC MarketScape: Asia/Pacific Managed SD-WAN/SASE Services

This IDC study presents assessment of 10 communications SPs that provide secure virtual network services in the Asia/Pacific

ISG: Asia Pacific Enterprises Embrace SD-WAN and SASE for Digital ...

As enterprises in Asia Pacific continue to incur the high cost of multiprotocol label-switching (MPLS) links, some are

ViewQwest Unveils AsiaConnect: A Game-Changing SD-WAN

ViewQwest AsiaConnect SD-WAN is strategically designed for scalability, boasting minimal lead times for capacity

Asia Pacific Software-Defined Wide Area Network (SD-WAN) Market

Asia Pacific Software-Defined Wide Area Network (SD-WAN) Market is expected to grow during 2025-2031

Multisite SD-WAN in ASEAN, Carrier Options and Failover Patterns

ASEAN networks work best when you pick one SD-WAN pattern, fix your access mix early, and prove failover two

Asia-Pacific SD-WAN and SASE Voice of Customer Report 2023:

The report presents key insights into how the market is developing in terms of SD-WAN and SASE technologies and

Asia Pacific SD-WAN Market Size, Share & Trends, 2034

The cloud-based SD-WAN segment is accelerating in the Asia Pacific SD-WAN market, with a CAGR of 25.3%. This progress is

Contact Us

Continue your research online:

Website: <https://rivomultitrade.co.za>

Technical inquiry: <https://rivomultitrade.co.za/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

