

SD-WAN Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028F Segmented By Component (Solutions, Service), By Organization Size (Small & Medium Enterprises (SMEs), Large Enterprises), By Deployment Mode (On-premises, Cloud), By Use Cases (Branch Connectivity, Application Control, Security, Network Operations Visibility), By Vertical (Healthcare, Retail & Consumer Goods, Banking Financial Services & Insurance (BFSI), Information Technology (IT) & Telecom, Manufacturing, Others), By Region, Competition

<https://marketpublishers.com/r/S554449E91DEEN.html>

Date: October 2023

Pages: 187

Price: US\$ 4,900.00 (Single User License)

ID: S554449E91DEEN

Abstracts

The global SD-WAN market is predicted to proliferate during the forecast period owing to the rapid growth in digitalization and increasing adoption of advanced technologies by enterprises to meet the need for growing business along with the development of more electronic data and combination of transport service. The SD-WAN is a component of networking technology that uses software-defined networking (SDN) principles to manage and optimize the performance of wide area networks (WANs). It gives businesses the opportunity to securely link users, programs, and data spread across several sites while enhancing performance, dependability, and scalability. Additionally, SD-WAN makes managing WANs easier by giving centralised control and network visibility. In an effort to maintain high speeds and maximise connectivity, businesses are increasingly utilising SD-WAN solutions to control traffic and monitor the performance of WAN connections. Numerous innovations carried out in cloud computing, and 5G infrastructure technologies are expected to enhance the features of SD-WAN. This, in

turn, is expected to drive market growth during the forecast period.

The SD-WAN market has witnessed significant growth in the last few years. The increase in adoption of SD-WAN in manufacturing owing to rising IoT trend, growing need among organizations to simplify network management and the growth in consumer demand for increasing business agility and responsiveness have led to increase in product demand. This can be attributed to the growing preference of individuals and businesses for network privacy and visibility support in the organization as the number of internet-based threats has grown higher in the recent years. Moreover, rising demand for data security and increase in number of cloud-based solutions are also expected to witness significant demand in the future. Furthermore, SD-WAN is gaining popularity as businesses are facilitating critical applications through reliable and high-performance connections. SD-WAN also provides an edge toward latency issues and improving application performance and increasing WAN availability in challenging situations. The use of SD-WAN enables organizations to deliver timely services at reduced costs.

Increasing SD-WAN Demands for Network Privacy and Visibility Support

The current surge of digital innovation, remote work, and cloud usage has increased the demand for SD-WAN with security, which has caused businesses to reevaluate their network architecture. Software defined wide area networks (SD-WAN) are becoming increasingly popular among organizations that are eager to embrace digital transformation. Network security providers and IT enterprises are enabling SD-WAN to centralize the control function to steer traffic securely and intelligently. This has provided the edge for applications performance and offers a high-quality user experience which is contributing to the growth in business productivity, agility and controls the IT costs. Moreover, the network cannot be sufficiently protected from attacks by the old WAN solutions, and they provide a poor overall level of management. As a result, businesses are constantly updating their IT infrastructure to lessen the likelihood of criminal activity. Furthermore, SD-WAN helps with traffic monitoring and measurement, gives the IT department extensive access into the WAN, and makes it possible to immediately identify a security assault. Therefore, increasing SD-WAN demand for network privacy and visibility support are expected to drive the adoption of SD-WAN in the global market.

Digitalization and Increasing Adoption of Advanced Technologies is Driving Market Growth

The rising adoption of advanced technologies and growing digitalization are driving the growth of SD-WAN market globally. The involvement of enterprise in adopting artificial intelligence (AI), machine learning (ML) and virtual reality (VR) applications during IT process requires enhanced network capacity. In many companies, improving the efficiency of platforms and apps used by businesses for marketing, social media, and e-commerce initiatives is one of the main goals of digital transformation. Moreover, SD-WAN is helping enterprises to save money and enabling a more flexible infrastructure, increasingly digitizing need for various network processes as need for connectivity is growing. By replacing expensive MPLS lines with internet connections, enterprises can reduce costs by up to 80%. Furthermore, businesses may connect from everywhere due to SD-WAN, allowing customers to stay connected when travelling for work or working remotely from another location. Thus, growing digitalization and increasing adoption of advanced technologies are driving the growth of Global SD-WAN market during the forecast period.

Increase Number of Cloud-Based Solutions to Propel Growth of Market

With the growing benefits of integrating cloud services, the enterprises are rapidly adopting cloud-based solutions into their infrastructure. The technology is helping in delivering an effective cloud connection to the network. SD-WAN simplifies secure site-to-cloud connections helping to meet the bandwidth demands. Branch networking requirements are changing with the widespread adoption of cloud services that are connected over the Internet. As cloud services connected through the internet become more and more popular, the need of effective branch networking is evolving. In practice, companies are compelled to rely more heavily on the internet than on private MPLS to support their cloud-based applications. The number of individuals utilizing the internet has increased, as a result the demand for cloud-based services is also rising. The SD-WAN sector has greater options because of the usage of cloud-based services, which also leads to easier network management, high application performance, increase bandwidth and network availability, and reduce overhead costs. Therefore, increasing number of cloud-based solutions are attributing the growth of global SD-WAN market during the forecast period.

Market Segmentation

On the basis of component, the market is bifurcated into solutions and service. Based on organization size, the market is segmented into small & medium enterprises (SMEs) and large enterprises. On the basis of deployment mode, the market is further divided into on-premises and cloud. On the basis of use cases, the market is segmented into

brand connectivity, application control, security, network operations visibility. On the basis of vertical, the market is further split into healthcare, retail & consumer goods, Banking Financial Services & Insurance (BFSI), Information Technology (IT) & Telecom, manufacturing, and others. On the basis of region, the market is divided among North America, Europe, Asia-Pacific, South America, and Middle East & Africa.

Company Profiles

Cisco Systems Inc., Citrix Systems Inc., Fortinet Inc., Oracle Corporation, Juniper Networks Inc., Palo Alto Networks Inc., Aryaka Networks Inc., Riverbed Technology LLC, VMware Inc., and Hewlett Packard Enterprise Company are among the major players that are driving the growth of the global SD-WAN market.

Report Scope:

In this report, the global SD-WAN market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

SD-WAN Market, By Component:

Solutions

Service

SD-WAN Market, By Organization Size:

Small & Medium Enterprises (SMEs)

Large Enterprises

SD-WAN Market, By Deployment Mode:

On-premises

Cloud

SD-WAN Market, By Use Cases:

Branch Connectivity

Application Control

Security

Network Operations Visibility

SD-WAN Market, By Vertical:

Healthcare

Retail & Consumer Goods

Banking Financial Services & Insurance (BFSI)

Information Technology (IT) & Telecom

Manufacturing

Others

SD-WAN Market, By Region:

Asia-Pacific

China

Japan

India

Australia

South Korea

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Spain

Italy

Middle East & Africa

Israel

Turkey

Saudi Arabia

UAE

South America

Brazil

Argentina

Colombia

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the global SD-WAN market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

- 1. Service Overview
 - 1.1. Market Definition
 - 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

4. VOICE OF CUSTOMER

5. GLOBAL SD-WAN MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Component (Solutions, Service)
 - 5.2.2. By Organization Size (Small & Medium Enterprises (SME's), Large Enterprises)
 - 5.2.3. By Deployment Mode (On-premises, Cloud)
 - 5.2.4. By Use Cases (Branch Connectivity, Application Control, Security, Network Operations Visibility)
 - 5.2.5. By Vertical (Healthcare, Retail & Consumer Goods, Banking Financial Services & Insurance (BFSI), Information Technology (IT) & Telecom, Manufacturing, Others)
 - 5.2.6. By Region
- 5.3. By Company

5.4. Market Map

6. NORTH AMERICA SD-WAN MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Component

6.2.2. By Organization Size

6.2.3. By Deployment Mode

6.2.4. By Use Cases

6.2.5. By Vertical

6.2.6. By Country

6.3. North America: Country Analysis

6.3.1. United States SD-WAN Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Component

6.3.1.2.2. By Organization Size

6.3.1.2.3. By Deployment Mode

6.3.1.2.4. By Use Cases

6.3.1.2.5. By Vertical

6.3.2. Canada SD-WAN Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Component

6.3.2.2.2. By Organization Size

6.3.2.2.3. By Deployment Mode

6.3.2.2.4. By Use Cases

6.3.2.2.5. By Vertical

6.3.3. Mexico SD-WAN Market Outlook

6.3.3.1. Market Size & Forecast

6.3.3.1.1. By Value

6.3.3.2. Market Share & Forecast

6.3.3.2.1. By Component

6.3.3.2.2. By Organization Size

6.3.3.2.3. By Deployment Mode

6.3.3.2.4. By Use Cases

6.3.3.2.5. By Vertical

7. ASIA-PACIFIC SD-WAN MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Component

7.2.2. By Organization Size

7.2.3. By Deployment Mode

7.2.4. By Use Cases

7.2.5. By Vertical

7.2.6. By Country

7.3. Asia-Pacific: Country Analysis

7.3.1. China SD-WAN Market Outlook

7.3.1.1. Market Size & Forecast

7.3.1.1.1. By Value

7.3.1.2. Market Share & Forecast

7.3.1.2.1. By Component

7.3.1.2.2. By Organization Size

7.3.1.2.3. By Deployment Mode

7.3.1.2.4. By Use Cases

7.3.1.2.5. By Vertical

7.3.2. Japan SD-WAN Market Outlook

7.3.2.1. Market Size & Forecast

7.3.2.1.1. By Value

7.3.2.2. Market Share & Forecast

7.3.2.2.1. By Component

7.3.2.2.2. By Organization Size

7.3.2.2.3. By Deployment Mode

7.3.2.2.4. By Use Cases

7.3.2.2.5. By Vertical

7.3.3. South Korea SD-WAN Market Outlook

7.3.3.1. Market Size & Forecast

7.3.3.1.1. By Value

7.3.3.2. Market Share & Forecast

7.3.3.2.1. By Component

7.3.3.2.2. By Organization Size

- 7.3.3.2.3. By Deployment Mode
- 7.3.3.2.4. By Use Cases
- 7.3.3.2.5. By Vertical
- 7.3.4. India SD-WAN Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Value
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Component
 - 7.3.4.2.2. By Organization Size
 - 7.3.4.2.3. By Deployment Mode
 - 7.3.4.2.4. By Use Cases
 - 7.3.4.2.5. By Vertical
- 7.3.5. Australia SD-WAN Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value
 - 7.3.5.2. Market Share & Forecast
 - 7.3.5.2.1. By Component
 - 7.3.5.2.2. By Organization Size
 - 7.3.5.2.3. By Deployment Mode
 - 7.3.5.2.4. By Use Cases
 - 7.3.5.2.5. By Vertical

8. EUROPE SD-WAN MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Component
 - 8.2.2. By Organization Size
 - 8.2.3. By Deployment Mode
 - 8.2.4. By Use Cases
 - 8.2.5. By Vertical
 - 8.2.6. By Country
- 8.3. Europe: Country Analysis
 - 8.3.1. Germany SD-WAN Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Component

- 8.3.1.2.2. By Organization Size
- 8.3.1.2.3. By Deployment Mode
- 8.3.1.2.4. By Use Cases
- 8.3.1.2.5. By Vertical
- 8.3.2. United Kingdom SD-WAN Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Component
 - 8.3.2.2.2. By Organization Size
 - 8.3.2.2.3. By Deployment Mode
 - 8.3.2.2.4. By Use Cases
 - 8.3.2.2.5. By Vertical
- 8.3.3. France SD-WAN Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Component
 - 8.3.3.2.2. By Organization Size
 - 8.3.3.2.3. By Deployment Mode
 - 8.3.3.2.4. By Use Cases
 - 8.3.3.2.5. By Vertical
- 8.3.4. Italy SD-WAN Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Component
 - 8.3.4.2.2. By Organization Size
 - 8.3.4.2.3. By Deployment Mode
 - 8.3.4.2.4. By Use Cases
 - 8.3.4.2.5. By Vertical
- 8.3.5. Spain SD-WAN Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Component
 - 8.3.5.2.2. By Organization Size
 - 8.3.5.2.3. By Deployment Mode
 - 8.3.5.2.4. By Use Cases

8.3.5.2.5. By Vertical

9. SOUTH AMERICA SD-WAN MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Component

9.2.2. By Organization Size

9.2.3. By Deployment Mode

9.2.4. By Use Cases

9.2.5. By Vertical

9.2.6. By Country

9.3. South America: Country Analysis

9.3.1. Brazil SD-WAN Market Outlook

9.3.1.1. Market Size & Forecast

9.3.1.1.1. By Value

9.3.1.2. Market Share & Forecast

9.3.1.2.1. By Component

9.3.1.2.2. By Organization Size

9.3.1.2.3. By Deployment Mode

9.3.1.2.4. By Use Cases

9.3.1.2.5. By Vertical

9.3.2. Argentina SD-WAN Market Outlook

9.3.2.1. Market Size & Forecast

9.3.2.1.1. By Value

9.3.2.2. Market Share & Forecast

9.3.2.2.1. By Component

9.3.2.2.2. By Organization Size

9.3.2.2.3. By Deployment Mode

9.3.2.2.4. By Use Cases

9.3.2.2.5. By Vertical

9.3.3. Colombia SD-WAN Market Outlook

9.3.3.1. Market Size & Forecast

9.3.3.1.1. By Value

9.3.3.2. Market Share & Forecast

9.3.3.2.1. By Component

9.3.3.2.2. By Organization Size

9.3.3.2.3. By Deployment Mode

9.3.3.2.4. By Use Cases

9.3.3.2.5. By Vertical

10. MIDDLE EAST & AFRICA SD-WAN MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Component

10.2.2. By Organization Size

10.2.3. By Deployment Mode

10.2.4. By Use Cases

10.2.5. By Vertical

10.2.6. By Country

10.3. Middle East & Africa: Country Analysis

10.3.1. Israel SD-WAN Market Outlook

10.3.1.1. Market Size & Forecast

10.3.1.1.1. By Value

10.3.1.2. Market Share & Forecast

10.3.1.2.1. By Component

10.3.1.2.2. By Organization Size

10.3.1.2.3. By Deployment Mode

10.3.1.2.4. By Use Cases

10.3.1.2.5. By Vertical

10.3.2. Turkey SD-WAN Market Outlook

10.3.2.1. Market Size & Forecast

10.3.2.1.1. By Value

10.3.2.2. Market Share & Forecast

10.3.2.2.1. By Component

10.3.2.2.2. By Organization Size

10.3.2.2.3. By Deployment Mode

10.3.2.2.4. By Use Cases

10.3.2.2.5. By Vertical

10.3.3. UAE SD-WAN Market Outlook

10.3.3.1. Market Size & Forecast

10.3.3.1.1. By Value

10.3.3.2. Market Share & Forecast

10.3.3.2.1. By Component

10.3.3.2.2. By Organization Size

- 10.3.3.2.3. By Deployment Mode
- 10.3.3.2.4. By Use Cases
- 10.3.3.2.5. By Vertical
- 10.3.4. Saudi Arabia SD-WAN Market Outlook
 - 10.3.4.1. Market Size & Forecast
 - 10.3.4.1.1. By Value
 - 10.3.4.2. Market Share & Forecast
 - 10.3.4.2.1. By Component
 - 10.3.4.2.2. By Organization Size
 - 10.3.4.2.3. By Deployment Mode
 - 10.3.4.2.4. By Use Cases
 - 10.3.4.2.5. By Vertical

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

13. COMPANY PROFILES

- 13.1. Cisco Systems Inc.
 - 13.1.1. Business Overview
 - 13.1.2. Key Revenue (If Available)
 - 13.1.3. Recent Developments
 - 13.1.4. Key Personnel
 - 13.1.5. Key Product/Service Offered
- 13.2. Citrix Systems Inc.
 - 13.2.1. Business Overview
 - 13.2.2. Key Revenue (If Available)
 - 13.2.3. Recent Developments
 - 13.2.4. Key Personnel
 - 13.2.5. Key Product/Service Offered
- 13.3. Fortinet Inc.
 - 13.3.1. Business Overview
 - 13.3.2. Key Revenue (If Available)
 - 13.3.3. Recent Developments

- 13.3.4. Key Personnel
- 13.3.5. Key Product/Service Offered
- 13.4. Oracle Corporation
 - 13.4.1. Business Overview
 - 13.4.2. Key Revenue (If Available)
 - 13.4.3. Recent Developments
 - 13.4.4. Key Personnel
 - 13.4.5. Key Product/Service Offered
- 13.5. Juniper Networks Inc.
 - 13.5.1. Business Overview
 - 13.5.2. Key Revenue (If Available)
 - 13.5.3. Recent Developments
 - 13.5.4. Key Personnel
 - 13.5.5. Key Product/Service Offered
- 13.6. Palo Alto Networks, Inc.
 - 13.6.1. Business Overview
 - 13.6.2. Key Revenue (If Available)
 - 13.6.3. Recent Developments
 - 13.6.4. Key Personnel
 - 13.6.5. Key Product/Service Offered
- 13.7. Aryaka Networks Inc.
 - 13.7.1. Business Overview
 - 13.7.2. Key Revenue (If Available)
 - 13.7.3. Recent Developments
 - 13.7.4. Key Personnel
 - 13.7.5. Key Product/Service Offered
- 13.8. Riverbed Technologies LLC
 - 13.8.1. Business Overview
 - 13.8.2. Key Revenue (If Available)
 - 13.8.3. Recent Developments
 - 13.8.4. Key Personnel
 - 13.8.5. Key Product/Service Offered
- 13.9. VMware Inc.
 - 13.9.1. Business Overview
 - 13.9.2. Key Revenue (If Available)
 - 13.9.3. Recent Developments
 - 13.9.4. Key Personnel
 - 13.9.5. Key Product/Service Offered
- 13.10. Hewlett Packard Enterprise Company

- 13.10.1. Business Overview
- 13.10.2. Key Revenue (If Available)
- 13.10.3. Recent Developments
- 13.10.4. Key Personnel
- 13.10.5. Key Product/Service Offered

14. STRATEGIC RECOMMENDATIONS

15. ABOUT US & DISCLAIMER

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