

Virtual Private Network Market Size, Share, Trends and Forecast by Component, Type, Deployment Mode, End Use Industry, and Region, 2026-2034

<https://marketpublishers.com/r/V05778D36D09EN.html>

Date: April 2026

Pages: 138

Price: US\$ 3,999.00 (Single User License)

ID: V05778D36D09EN

Abstracts

The global virtual private network market size was valued at USD 54.1 Billion in 2025. Looking forward, IMARC Group estimates the market to reach USD 155.9 Billion by 2034, exhibiting a CAGR of 12.11% during 2026-2034. North America currently dominates the market, holding a significant market share of over 53.2% in 2025. The market is fueled by rising cyber threats, remote work adoption, data privacy concerns, regulatory compliance, and cloud service usage.

A virtual private network (VPN) can be defined as a source that offers secure communication between several members of a group by using public telecommunication infrastructure while maintaining privacy through the usage of a tunnelling protocol with security procedures. Their utilization provides an encrypted link that enables customers to get connected with the public internet network. Frame relay (FR), asynchronous transfer mode (ATM), virtual circuits (VC), and multiprotocol label switching (MPLS) are some of the few technologies used by VPNs. In addition, they mask the internet protocol (IP) address of the users in order to make their online actions virtually untraceable, thus providing greater privacy and security. Therefore, VPNs find large-scale applications across multiple businesses across the globe.

Virtual Private Network Market Trends:

The global market is primarily driven by the widespread adoption of private networks in various industries. With the penetration of high-speed internet connection paving the way for conducting seamless business activities across numerous sectors, the risks of cyber-attacks and data breaches are rising, thereby leading to the increased utilization of VPNs worldwide. Thus, the significant demand to safeguard business transactions

and data is driving enterprises toward highly secure technologies, thereby creating lucrative growth opportunities in the VPN market. Also, the shifting preference toward video and web conferencing solutions for communication amid the ongoing pandemic among enterprises is propelling the VPN market toward growth. Other factors, such as widescale adoption of media streaming services, the increasing demand for online and remote education, the escalating incidences of theft of financial and personal information, continual product innovations and extensive research and development (R&D) activities conducted by key players are further providing an impetus to the market growth.

Market Segmentation:

This report provides an analysis of the key trends in each segment of the global virtual private network market, along with forecasts at the global, regional, and country levels from 2026-2034. The market has been categorized based on component, type, deployment mode, and end use industry.

Breakup by Component:

Hardware

Software and Services

Breakup by Type:

Remote Access VPN

Site-to-Site VPN

Others

Breakup by Deployment Mode:

On-premises

Cloud-based

Breakup by End Use Industry:

BFSI

Healthcare

IT

Government

Manufacturing

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Array Networks Inc., Avast Software s.r.o., BlackBerry Limited, Check Point Software Technologies Ltd., Cisco Systems Inc., Citrix Systems Inc., CyberGhost S.R.L., Google LLC, International Business Machines Corporation, Juniper Networks Inc., Microsoft Corporation and NetMotion Software (Absolute Software Corporation).

Key Questions Answered in This Report

1. How big is the virtual private network market?
2. What is the future outlook of the virtual private network market?

3. 3. What are the key factors driving the virtual private network market?
4. Which region accounts for the largest virtual private network market share?
5. Which are the leading companies in the global virtual private network market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL VIRTUAL PRIVATE NETWORK MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY COMPONENT

- 6.1 Hardware
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Software and Services
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY TYPE

7.1 Remote Access VPN

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Site-to-Site VPN

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Others

7.3.1 Market Trends

7.3.2 Market Forecast

8 MARKET BREAKUP BY DEPLOYMENT MODE

8.1 On-premises

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Cloud-based

8.2.1 Market Trends

8.2.2 Market Forecast

9 MARKET BREAKUP BY END USE INDUSTRY

9.1 BFSI

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Healthcare

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 IT

9.3.1 Market Trends

9.3.2 Market Forecast

9.4 Government

9.4.1 Market Trends

9.4.2 Market Forecast

9.5 Manufacturing

9.5.1 Market Trends

9.5.2 Market Forecast

9.6 Others

9.6.1 Market Trends

9.6.2 Market Forecast

10 MARKET BREAKUP BY REGION

10.1 North America

10.1.1 United States

10.1.1.1 Market Trends

10.1.1.2 Market Forecast

10.1.2 Canada

10.1.2.1 Market Trends

10.1.2.2 Market Forecast

10.2 Asia-Pacific

10.2.1 China

10.2.1.1 Market Trends

10.2.1.2 Market Forecast

10.2.2 Japan

10.2.2.1 Market Trends

10.2.2.2 Market Forecast

10.2.3 India

10.2.3.1 Market Trends

10.2.3.2 Market Forecast

10.2.4 South Korea

10.2.4.1 Market Trends

10.2.4.2 Market Forecast

10.2.5 Australia

10.2.5.1 Market Trends

10.2.5.2 Market Forecast

10.2.6 Indonesia

10.2.6.1 Market Trends

10.2.6.2 Market Forecast

10.2.7 Others

10.2.7.1 Market Trends

10.2.7.2 Market Forecast

10.3 Europe

10.3.1 Germany

10.3.1.1 Market Trends

10.3.1.2 Market Forecast

10.3.2 France

- 10.3.2.1 Market Trends
- 10.3.2.2 Market Forecast
- 10.3.3 United Kingdom
 - 10.3.3.1 Market Trends
 - 10.3.3.2 Market Forecast
- 10.3.4 Italy
 - 10.3.4.1 Market Trends
 - 10.3.4.2 Market Forecast
- 10.3.5 Spain
 - 10.3.5.1 Market Trends
 - 10.3.5.2 Market Forecast
- 10.3.6 Russia
 - 10.3.6.1 Market Trends
 - 10.3.6.2 Market Forecast
- 10.3.7 Others
 - 10.3.7.1 Market Trends
 - 10.3.7.2 Market Forecast
- 10.4 Latin America
 - 10.4.1 Brazil
 - 10.4.1.1 Market Trends
 - 10.4.1.2 Market Forecast
 - 10.4.2 Mexico
 - 10.4.2.1 Market Trends
 - 10.4.2.2 Market Forecast
 - 10.4.3 Others
 - 10.4.3.1 Market Trends
 - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
 - 10.5.1 Market Trends
 - 10.5.2 Market Breakup by Country
 - 10.5.3 Market Forecast

11 SWOT ANALYSIS

- 11.1 Overview
- 11.2 Strengths
- 11.3 Weaknesses
- 11.4 Opportunities
- 11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

- 13.1 Overview
- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

- 15.1 Market Structure
- 15.2 Key Players
- 15.3 Profiles of Key Players
 - 15.3.1 Array Networks Inc.
 - 15.3.1.1 Company Overview
 - 15.3.1.2 Product Portfolio
 - 15.3.1.3 Financials
 - 15.3.2 Avast Software s.r.o.
 - 15.3.2.1 Company Overview
 - 15.3.2.2 Product Portfolio
 - 15.3.2.3 Financials
 - 15.3.3 BlackBerry Limited
 - 15.3.3.1 Company Overview
 - 15.3.3.2 Product Portfolio
 - 15.3.3.3 Financials
 - 15.3.3.4 SWOT Analysis
 - 15.3.4 Check Point Software Technologies Ltd.
 - 15.3.4.1 Company Overview
 - 15.3.4.2 Product Portfolio
 - 15.3.4.3 Financials
 - 15.3.4.4 SWOT Analysis
 - 15.3.5 Cisco Systems Inc.
 - 15.3.5.1 Company Overview

- 15.3.5.2 Product Portfolio
- 15.3.5.3 Financials
- 15.3.5.4 SWOT Analysis
- 15.3.6 Citrix Systems Inc.
 - 15.3.6.1 Company Overview
 - 15.3.6.2 Product Portfolio
 - 15.3.6.3 Financials
 - 15.3.6.4 SWOT Analysis
- 15.3.7 CyberGhost S.R.L.
 - 15.3.7.1 Company Overview
 - 15.3.7.2 Product Portfolio
- 15.3.8 Google LLC
 - 15.3.8.1 Company Overview
 - 15.3.8.2 Product Portfolio
 - 15.3.8.3 SWOT Analysis
- 15.3.9 International Business Machines Corporation
 - 15.3.9.1 Company Overview
 - 15.3.9.2 Product Portfolio
 - 15.3.9.3 Financials
 - 15.3.9.4 SWOT Analysis
- 15.3.10 Juniper Networks Inc.
 - 15.3.10.1 Company Overview
 - 15.3.10.2 Product Portfolio
 - 15.3.10.3 Financials
 - 15.3.10.4 SWOT Analysis
- 15.3.11 Microsoft Corporation
 - 15.3.11.1 Company Overview
 - 15.3.11.2 Product Portfolio
 - 15.3.11.3 Financials
 - 15.3.11.4 SWOT Analysis
- 15.3.12 NetMotion Software (Absolute Software Corporation)
 - 15.3.12.1 Company Overview
 - 15.3.12.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Virtual Private Network Market: Key Industry Highlights, 2025 and 2034

Table 2: Global: Virtual Private Network Market Forecast: Breakup by Component (in Million ??????????????????????USD), 2026-2034

Table 3: Global: Virtual Private Network Market Forecast: Breakup by Type (in Million ??????????????????????USD), 2026-2034

Table 4: Global: Virtual Private Network Market Forecast: Breakup by Deployment Mode (in Million ??????????????????????USD), 2026-2034

Table 5: Global: Virtual Private Network Market Forecast: Breakup by End Use Industry (in Million ??????????????????????USD), 2026-2034

Table 6: Global: Virtual Private Network Market Forecast: Breakup by Region (in Million ??????????????????????USD), 2026-2034

Table 7: Global: Virtual Private Network Market: Competitive Structure

Table 8: Global: Virtual Private Network Market: Key Players

Figure 21: Global: Virtual Private Network (Cloud-based) Market: Sales Value (in Million USD), 2020 & 2025

Figure 22: Global: Virtual Private Network (Cloud-based) Market Forecast: Sales Value (in Million USD), 2026-2034

Figure 23: Global: Virtual Private Network (BFSI) Market: Sales Value (in Million USD), 2020 & 2025

Figure 24: Global: Virtual Private Network (BFSI) Market Forecast: Sales Value (in Million USD), 2026-2034

Figure 25: Global: Virtual Private Network (Healthcare) Market: Sales Value (in Million USD), 2020 & 2025

Figure 26: Global: Virtual Private Network (Healthcare) Market Forecast: Sales Value (in Million USD), 2026-2034

Figure 27: Global: Virtual Private Network (IT) Market: Sales Value (in Million USD), 2020 & 2025

Figure 28: Global: Virtual Private Network (IT) Market Forecast: Sales Value (in Million USD), 2026-2034

Figure 29: Global: Virtual Private Network (Government) Market: Sales Value (in Million USD), 2020 & 2025

Figure 30: Global: Virtual Private Network (Government) Market Forecast: Sales Value (in Million USD), 2026-2034

Figure 31: Global: Virtual Private Network (Manufacturing) Market: Sales Value (in Million USD), 2020 & 2025

Figure 32: Global: Virtual Private Network (Manufacturing) Market Forecast: Sales Value (in Million USD), 2026-2034

Figure 33: Global: Virtual Private Network (Other End Use Industries) Market: Sales Value (in Million USD), 2020 & 2025

Figure 34: Global: Virtual Private Network (Other End Use Industries) Market Forecast: Sales Value (in Million USD), 2026-2034

Figure 35: North America: Virtual Private Network Market: Sales Value (in Million USD), 2020 & 2025

Figure 36: North America: Virtual Private Network Market Forecast: Sales Value (in Million USD), 2026-2034

Figure 37: United States: Virtual Private Network Market: Sales Value (in Million USD), 2020 & 2025

Figure 38: United States: Virtual Private Network Market Forecast: Sales Value (in Million USD), 2026-2034

Figure 39: Canada: Virtual Private Network Market: Sales Value (in Million USD), 2020 & 2025

Figure 40: Canada: Virtual Private Network Market Forecast: Sales Value (in Million USD), 2026-2034

????????????????????????????????USD), 2026-2034

Figure 41: Asia-Pacific: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????USD), 2020 & 2025

Figure 42: Asia-Pacific: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????USD), 2026-2034

Figure 43: China: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????USD), 2020 & 2025

Figure 44: China: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????USD), 2026-2034

Figure 45: Japan: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????USD), 2020 & 2025

Figure 46: Japan: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????USD), 2026-2034

Figure 47: India: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????USD), 2020 & 2025

Figure 48: India: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????USD), 2026-2034

Figure 49: South Korea: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????USD), 2020 & 2025

Figure 50: South Korea: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????USD), 2026-2034

Figure 51: Australia: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????USD), 2020 & 2025

Figure 52: Australia: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????USD), 2026-2034

Figure 53: Indonesia: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????USD), 2020 & 2025

Figure 54: Indonesia: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????USD), 2026-2034

Figure 55: Others: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????USD), 2020 & 2025

Figure 56: Others: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????USD), 2026-2034

Figure 57: Europe: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????USD), 2020 & 2025

Figure 58: Europe: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????USD), 2026-2034

Figure 59: Germany: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????USD), 2020 & 2025

Figure 60: Germany: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????????USD), 2026-2034

Figure 61: France: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????????USD), 2020 & 2025

Figure 62: France: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????????USD), 2026-2034

Figure 63: United Kingdom: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????????USD), 2020 & 2025

Figure 64: United Kingdom: Virtual Private Network Market Forecast: Sales Value (in
Million ?????????????????????????????????????USD), 2026-2034

Figure 65: Italy: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????????USD), 2020 & 2025

Figure 66: Italy: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????????USD), 2026-2034

Figure 67: Spain: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????????USD), 2020 & 2025

Figure 68: Spain: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????????USD), 2026-2034

Figure 69: Russia: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????????USD), 2020 & 2025

Figure 70: Russia: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????????USD), 2026-2034

Figure 71: Others: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????????USD), 2020 & 2025

Figure 72: Others: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????????USD), 2026-2034

Figure 73: Latin America: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????????USD), 2020 & 2025

Figure 74: Latin America: Virtual Private Network Market Forecast: Sales Value (in
Million ?????????????????????????????????????USD), 2026-2034

Figure 75: Brazil: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????????USD), 2020 & 2025

Figure 76: Brazil: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????????USD), 2026-2034

Figure 77: Mexico: Virtual Private Network Market: Sales Value (in Million
????????????????????????????????????USD), 2020 & 2025

Figure 78: Mexico: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????????USD), 2026-2034

Figure 79: Others: Virtual Private Network Market: Sales Value (in Million

????????????????????????????????USD), 2020 & 2025

Figure 80: Others: Virtual Private Network Market Forecast: Sales Value (in Million
????????????????????????????????USD), 2026-2034

Figure 81: Middle East and Africa: Virtual Private Network Market: Sales Value (in
Million ?????????????????????????????????USD), 2020 & 2025

Figure 82: Middle East and Africa: Virtual Private Network Market: Breakup by Country
(in %), 2025

Figure 83: Middle East and Africa: Virtual Private Network Market Forecast: Sales Value
(in Million ?????????????????????????????????USD), 2026-2034

Figure 84: Global: Virtual Private Network Industry: SWOT Analysis

Figure 85: Global: Virtual Private Network Industry: Value Chain Analysis

Figure 86: Global: Virtual Private Network Industry: Porter's Five Forces Analysis

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