

Virtual Private Network - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 110 pages | Mordor Intelligence

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Report description:

The Virtual Private Network Market is expected to register a CAGR of 17.2% during the forecast period.

Key Highlights

- The growth of the virtual private network (VPN) market is attributed to the increased demand for VPN services due to the increasing importance of online privacy and security and the rise of remote work and virtual collaboration.
- The trend towards remote work is likely to continue even after the pandemic subsides, and as a result, the use of VPNs for remote work is expected to remain high. Companies realize that remote work can be an effective and efficient way of doing business, and VPNs are an essential tool for ensuring the security and productivity of remote workers.
- A significant rise in cyber-attacks and a surge in demand for cloud-based security solutions are expected to boost the virtual private network market. VPN offers a secure and encrypted connection that protects against various threats.
- Furthermore, many companies and organizations must comply with data privacy and security regulations. Thus, growing adoption from such companies drives demand for VPN solutions and services. VPN helps to ensure compliance with these regulations by providing a secure and encrypted connection.
- The high price of the mobile VPN is responsible for hampering the growth of the VPN market. Also, the regulatory environment for VPN services varies by country, with some countries restricting or banning VPN use altogether. This can impact the growth potential and competitive landscape in the market.
- VPN providers are constantly developing new technologies and features to improve their services' speed, security, and ease of use. This includes advanced encryption with new features like multihop, server infrastructure, and user interfaces. For instance, in January 2023, Surfshark launched a new dynamic multihop feature nexus for its VPN. With this new feature, instead of the usual setup of passing the user's internet connection through a single server, its traffic gets routed through a whole network of servers rather than a single VPN tunnel.

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- COVID-19 positively impacted the VPN market. With more people working from home due to the pandemic, there was a surge in demand for VPN services. Many companies set up VPNs to enable their employees to access company networks and data from home securely. The increased demand for VPNs also led to more competition in the market, with many new players entering the market.

Virtual Private Network Market Trends

Growing Number of Cyberattacks to Increase Demand for VPN

- The growing number of cyberattacks worldwide is one of the key drivers for the growth of virtual private network (VPN) adoption, as it provides a secure and encrypted connection that protects user data and activity from cyberattacks. With the increasing frequency and sophistication of cyberattacks, many individuals and businesses are turning to VPNs to ensure online security.
- The increase in cyberattacks is attributed to more agile hackers and ransomware who focused on exploiting collaboration tools used by remote workers and schools and educational institutions that shifted to e-learning during the pandemic, as well as a significant increase in attacks on healthcare organizations.
- The growth in cyberattacks globally has led to an increased awareness of online security and the need for secure online connections. As a result, VPN adoption is expected to grow as individuals and businesses look for ways to protect their online activity and data.
- According to IBM, in 2022, the Asia-Pacific region was the most attacked for the second consecutive year, accounting for 31% of all incidents remediated worldwide. The manufacturing sector topped the list of industries attacked in the region with 48% of cases, followed by finance and insurance with 18%.
- Malware was the most frequent cyberattack in financial and insurance organizations between October 2021 and September 2022. The attack vector hit about 40% of the world's organizations. According to Orange Cyberdefense, system anomalies came in second, with 20% of organizations reporting such cyberattacks, followed by network and application anomalies with 23%.

North America Expected to Hold Major Market Share

- The North American region is anticipated to dominate the virtual private network (VPN) market. Due to its service and IT-led industry, demand for high-end services, and need for privacy, the United States is fed by the rising rate of cybercrime, data breaches, and strong demand.
- The increasing number of cyber-attacks on enterprises across various business verticals is responsible for the growth of this market. This encourages organizations to implement VPN solutions to shield their company resources from unsanctioned access. There is a huge demand for VPNs due to the increasing rate of cybercrime, which is propelling the market growth.
- According to IBM, as of 2022, the average data breach cost in the United States amounted to USD 9.44 million, up from USD 9.05 million in 2021. At the same time, the global average cost per data breach was USD 4.35 million in 2022. This shows the frequency of data breaches and cyber-attacks significantly increased in the United States, leading organizations to adopt secure and advanced solutions to protect their data.
- Several states in the United States have enacted data privacy regulations, such as consumer privacy legislation. These regulations require companies to implement measures to protect personal data, including virtual private networks, further creating demand in the country.
- In addition, the government of North America has launched several cybersecurity initiatives to protect critical infrastructure and businesses from cyberattacks. This has raised awareness of cybersecurity threats and the need for secure online access,

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contributing to adopting VPNs.

Virtual Private Network Industry Overview

The virtual private network market is highly fragmented and has many prominent players. These players are undergoing strategic initiatives such as mergers, acquisitions, partnerships, product innovation, and others, helping to propel the market's growth.

In November 2022, RadiolP, one of the leaders in secure mobile communications, selected NextNav, the leader in vertical location positioning, to empower its industry-leading VPN solutions with mission-critical z-axis location intelligence.

Further, in June 2022, NordVPN announced a new feature called Meshnet, allowing users to connect directly to other devices instead of routing their traffic through a VPN server, solidifying the company's stance as an industry leader.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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