

# Global Virtual Private Network (VPN) Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

According to our (Global Info Research) latest study, the global Virtual Private Network (VPN) market size was valued at USD 2029.5 million in 2023 and is forecast to a readjusted size of USD 4164.4 million by 2030 with a CAGR of 10.8% during review period.

A virtual private network (VPN) extends a private network across a public network, and enables users to send and receive data across shared or public networks as if their computing devices were directly connected to the private network. ('In the simplest terms, it creates a secure, encrypted connection, which can be thought of as a tunnel, between your computer and a server operated by the VPN service.') Applications running across the VPN may therefore benefit from the functionality, security, and management of the private network.

VPNs may allow employees to securely access a corporate intranet while located outside the office. They are used to securely connect geographically separated offices of an organization, creating one cohesive network. Personal VPN Users Internet users may secure their wireless transactions with a VPN, to circumvent geo-restrictions and censorship, or to connect to proxy servers for the purpose of protecting personal identity and location. However, some Internet sites block access to known VPN technology to prevent the circumvention of their geo-restrictions.

A VPN is created by establishing a virtual point-to-point connection through the use of dedicated connections, virtual tunneling protocols, or traffic encryption. A VPN available from the public Internet can provide some of the benefits of a wide area network (WAN). From a user perspective, the resources available within the private network can be



#### accessed remotely.

Traditional VPNs are characterized by a point-to-point topology, and they do not tend to support or connect broadcast domains, so services such as Microsoft Windows NetBIOS may not be fully supported or work as they would on a local area network (LAN). Designers have developed VPN variants, such as Virtual Private LAN Service (VPLS), and layer-2 tunneling protocols, to overcome this limitation.

Private Internet Access, Nord VPN, Torguard, CyberGhost and Hotspot Shield are the leading producers of virtual Private networks (VPNs), with the top three accounting for about 30%.

Europe is the main market, accounting for about 40%, followed by North America, about 35%.

The Global Info Research report includes an overview of the development of the Virtual Private Network (VPN) industry chain, the market status of Personal VPN Users (Remote Access VPN, Site-to-Site VPN), Corporate VPN Users (Remote Access VPN, Site-to-Site VPN), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Virtual Private Network (VPN).

Regionally, the report analyzes the Virtual Private Network (VPN) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Virtual Private Network (VPN) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Virtual Private Network (VPN) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Virtual Private Network (VPN) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., Remote



Access VPN, Site-to-Site VPN).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Virtual Private Network (VPN) market.

Regional Analysis: The report involves examining the Virtual Private Network (VPN) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Virtual Private Network (VPN) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Virtual Private Network (VPN):

Company Analysis: Report covers individual Virtual Private Network (VPN) players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Virtual Private Network (VPN) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Personal VPN Users, Corporate VPN Users).

Technology Analysis: Report covers specific technologies relevant to Virtual Private Network (VPN). It assesses the current state, advancements, and potential future developments in Virtual Private Network (VPN) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Virtual Private Network (VPN) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

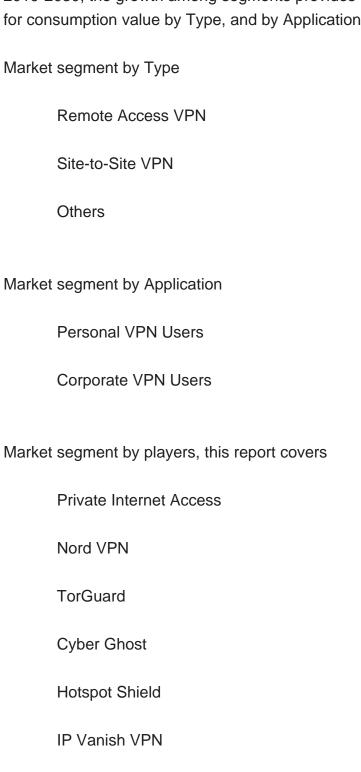
Market Validation: The report involves validating findings and projections through



primary research, such as surveys, interviews, and focus groups.

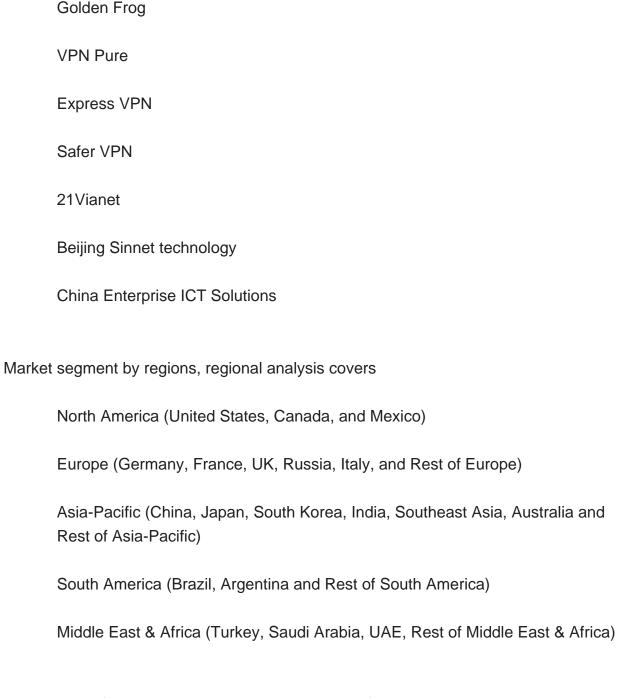
Market Segmentation

Virtual Private Network (VPN) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.



**Buffered VPN** 





The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Virtual Private Network (VPN) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Virtual Private Network (VPN), with revenue, gross margin and global market share of Virtual Private Network (VPN) from 2019 to 2024.



Chapter 3, the Virtual Private Network (VPN) competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024.and Virtual Private Network (VPN) market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Virtual Private Network (VPN).

Chapter 13, to describe Virtual Private Network (VPN) research findings and conclusion.



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