

Global On Premise VDI Market Research Report 2024(Status and Outlook)

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Abstracts

Report Overview

On-premise Virtual Desktop Infrastructure (VDI) refers to the technology that enables organizations to host desktop environments on their own servers and data centers, providing users access to these virtual desktops remotely. This allows for centralized management, increased security, and flexibility in accessing desktop environments from various devices. On-premise VDI solutions are known for their robust security features, customization options, and compliance adherence, making them popular among industries with stringent data security requirements such as finance, healthcare, and government sectors.

The current market size for on-premise VDI is estimated at approximately USD 1,200 million in 2023. This figure is based on the growing demand for secure remote desktop solutions and the need for centralized desktop management. The market is projected to grow at a Compound Annual Growth Rate (CAGR) of 8.75% from 2024 to 2032, reaching USD 2,500 million by the end of the forecast period. This growth can be attributed to the increasing adoption of remote work practices, rising concerns over data security, and the need for efficient desktop management solutions.

Key growth drivers for the on-premise VDI market include the growing trend of remote work, which has been accelerated by the COVID-19 pandemic. Organizations are increasingly investing in secure remote desktop solutions to enable their employees to work from anywhere while ensuring data security and compliance. Additionally, the need for centralized desktop management to streamline IT operations and reduce costs is driving the adoption of on-premise VDI solutions.

One of the prominent trends in the on-premise VDI market is the integration of advanced technologies such as Artificial Intelligence (AI) and Machine Learning (ML) to enhance user experience and optimize desktop performance. These technologies enable predictive analytics for proactive issue resolution, personalized user experiences, and automated resource allocation, thereby improving overall efficiency and productivity.

Another trend is the adoption of hybrid VDI solutions, which combine on-premise infrastructure with cloud-based services to provide a flexible and scalable desktop environment. This hybrid approach allows organizations to leverage the benefits of both on-premise and cloud solutions, catering to varying workload requirements and optimizing resource utilization.

In terms of regional market distribution, North America currently leads the on-premise VDI market due to the presence of a large number of technology companies, stringent data security regulations, and early adoption of remote work practices. Europe follows closely behind, driven by similar factors and the emphasis on data protection and privacy regulations such as GDPR.

Key challenges facing the on-premise VDI market include the complexity of implementation and management, high upfront costs associated with infrastructure setup, and the need for specialized IT skills to maintain and support VDI environments. Additionally, ensuring seamless user experience across different devices and locations remains a challenge for organizations implementing on-premise VDI solutions.

In conclusion, the on-premise VDI market is poised for significant growth driven by the increasing demand for secure remote desktop solutions, the trend of remote work, and the need for centralized desktop management. By leveraging advanced technologies and adopting hybrid VDI solutions, organizations can overcome challenges and capitalize on the opportunities presented by the evolving workplace dynamics.

This report provides a deep insight into the global On Premise VDI market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business

organization. The report structure also focuses on the competitive landscape of the Global On Premise VDI Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the On Premise VDI market in any manner.

Global On Premise VDI Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

VMware

Citrix Systems

Microsoft Corporation

Cisco Systems

Nutanix

IBM Corporation

Dell Technologies

Huawei Technologies

Fujitsu Limited

NEC Corporation

NetApp

HCL Technologies

Ncomputing

IGEL Technology GmbH

Market Segmentation (by Type)

Persistent VDI

Non-persistent VDI

Market Segmentation (by Application)

Large Enterprises

Small and Medium Enterprises

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the On Premise VDI Market

Overview of the regional outlook of the On Premise VDI Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each

region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the On Premise VDI Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

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