

# **Virtual Reality in Healthcare Market Size, Share, and Analysis, By Component (Hardware, Software, and Content), By Application (Pain Management, Education & Training, Surgery, and Patient Care Management), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034**

<https://marketpublishers.com/r/VEE482164530EN.html>

Date: October 2024

Pages: 469

Price: US\$ 4,950.00 (Single User License)

ID: VEE482164530EN

## **Abstracts**

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### **PRODUCT OVERVIEW**

Virtual Reality in Healthcare Market is anticipated to grow at a CAGR of 31.6% in the forecast period (2024-2034), with the market size valued at USD 4 billion in 2023 and projected to reach USD 82.3 billion by 2034.

Virtual Reality in healthcare means the use of immersive simulated environments generated by computer technology to improve medical treatments and user experiences. This unique technology immerses people in computer-generated scenarios, which are often supported by modified headsets and provide a seamless interaction with three-dimensional settings and objects. In addition, VR has a wide range of uses in healthcare, such as pain management, surgical simulations, phobia treatment, physical therapy, and medical education. For instance, VR technology has been harnessed to transport patients to tranquil environments, thereby reducing

their perception of pain and anxiety during medical procedures. Additionally, medical students and professionals can undergo realistic training sessions without compromising the safety of patients. Therefore, VR plays a major role in transforming healthcare delivery by presenting innovative solutions for treatment and patient care by using its interactive capabilities.

## MARKET HIGHLIGHTS

Virtual Reality in Healthcare Market is anticipated to reach USD 82.3 billion, growing at a CAGR of 31.6% during the forecast period, owing to technological improvements and high adoption across various medical domains. The growth in VR in the healthcare market is attributed to the increasing demand for advanced healthcare solutions, along with the need for training methodologies for healthcare professionals and a growing focus on patient-centric care. Besides, the COVID-19 pandemic has boosted the adoption of virtual reality solutions for telemedicine and remote patient monitoring, which further leads to market growth. Moreover, industry players are actively investing in research & development efforts to introduce modern VR solutions that are made to address the unique demands of the healthcare sector, thus ensuring growth and innovation in this dynamic market ecosystem.

### Virtual Reality in Healthcare Market Segments:

#### By Component

Hardware

Software

Content

#### By Application

Pain Management

Education & Training

Surgery

Patient Care Management

## MARKET DYNAMICS

### Growth Drivers

Innovations in Technology have Created Growth Potential for the Industry

VR's Application in the Healthcare Industry is Renovating the Healthcare Sector

### Restraint

High Implementation Costs Have Served as a Key Constraint for the Market

### Key Players

Koninklijke Philips N.V

HTC Corporation

Samsung Electronics Co., Ltd.

Sony Corporation

Microsoft Corporation

Google LLC

Medical Realities Ltd.

Psious

Firsthand Technology

Brainlab AG

EchoPixel Inc.

Atheer Inc.

Surgical Theater LLC

Oss%li%VR

AppliedVR

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAG.R – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

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 with respect to 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 of 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

3-month post-sales analyst support.

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