

Cardiovascular Information System Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Mode of Operation (Web based, Cloud based, On site), By System (CVIS, CPACS), By Region & Competition, 2020-2030F

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Abstracts

Global Cardiovascular Information System Market was valued at USD 1.25 billion in 2024 and is expected to reach USD 2.14 billion by 2030 with a CAGR of 9.37% during the forecast period. The Global Cardiovascular Information System (CVIS) Market refers to the industry that revolves around the development, implementation, and utilization of information systems and technology solutions in the field of cardiovascular healthcare. These systems are designed to streamline and improve the management of patient data, diagnostic imaging, and clinical workflows related to heart and vascular diseases. According to a World Health Organization (WHO) report published in 2019, 17.9 million deaths, or 32% of all fatalities worldwide, were attributed to cardiovascular diseases. In 85% of these cases, a heart attack or stroke was the cause of death.

Key Market Drivers

Rising Cardiovascular Disease Burden

Cardiovascular diseases, including heart conditions and vascular ailments, continue to cast a long shadow on global public health. These conditions are the leading cause of mortality worldwide, posing a significant burden on healthcare systems, economies, and, most importantly, the lives of countless individuals. In the face of this growing cardiovascular disease burden, the Global Cardiovascular Information System (CVIS) market is experiencing a substantial boost.

Cardiovascular diseases are a global health epidemic, affecting people across all continents and income groups. These conditions encompass a wide range of disorders, including coronary artery disease, heart failure, stroke, and peripheral vascular disease. The World Health Organization (WHO) cardiovascular diseases representing 32% of all global deaths. The escalating prevalence of these diseases is the primary driver behind the growing demand for CVIS solutions. As populations age, adopt sedentary lifestyles, and experience an increase in risk factors such as hypertension and diabetes, the number of cardiovascular patients is on the rise. Consequently, healthcare systems worldwide are searching for innovative tools and technologies to manage this influx efficiently.

According to WHO, Cardiovascular diseases (CVDs) are the leading cause of death globally, taking an estimated 17.9 million lives each year. CVDs are a group of disorders of the heart and blood vessels and include coronary heart disease, cerebrovascular disease, rheumatic heart disease and other conditions. More than four out of five CVD deaths are due to heart attacks and strokes, and one third of these deaths occur prematurely in people under 70 years of age.

Key Market Challenges

Interoperability Issues

Interoperability is a significant challenge within the healthcare industry. CVIS systems need to seamlessly integrate with various healthcare IT systems, including electronic health records (EHRs), diagnostic imaging systems, and telemedicine platforms. Achieving seamless data exchange between different systems and vendors can be complex, requiring the use of standardized protocols and robust data sharing solutions.

Key Market Trends

Cloud-Based CVIS Solutions

Cloud-based CVIS solutions are gaining traction due to their scalability, flexibility, and cost-effectiveness. Storing cardiovascular patient data and diagnostic images in the cloud allows for easy access from multiple locations, enhancing collaborative care and remote consultations. It also minimizes the need for extensive on-site hardware infrastructure, reducing the financial burden on healthcare institutions.

Key Market Players

Koninklijke Philips N.V.

GE HealthCare

Cisco Systems Inc

FUJIFILM Medical Systems USA Inc

Siemens Healthcare GmbH

Cerner Corp

Lumedx Corp

Digisonics Inc

Honeywell International Inc

McKesson Corporation

Report Scope:

In this report, the Global Cardiovascular Information System Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Cardiovascular Information System Market, By Mode of Operation:

Web based

Cloud based

On site

Cardiovascular Information System Market, By System:

CVIS

CPACS

Cardiovascular Information System Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

United Kingdom

France

Italy

Spain

Asia-Pacific

China

Japan

India

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Cardiovascular Information System Market.

Available Customizations:

Global Cardiovascular Information System market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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