

Clinical Decision Support Platform Market By Component (Software, Services) , By Delivery Mode (On-Premises, Cloud Based) By Application (Drug Allergy Alerts, Clinical Guidelines, Drug-Drug Interactions, Clinical Reminders, Others) By End User (Hospitals, Clinics, Ambulatory Care Centers, Academic and Research Institutes) : Global Opportunity Analysis and Industry Forecast, 2024-2033

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Abstracts

Clinical Decision Support Platform Market

The clinical decision support platform market was valued at \$1.2 billion in 2023 and is projected to reach \$2.4 billion by 2033, growing at a CAGR of 7.3% from 2024 to 2033.

Clinical decision support platform is a system designed to enhance the delivery of healthcare by refining the decision-making process. The platform compares patient data & health records with the existing database & assessments and provides tailored recommendations. The aim of the platform is to elevate the quality of healthcare delivery through precise diagnoses, optimized treatment plans, reduced errors, and strict adherence to appropriate practices.

Increase in expenditure of healthcare and patient safety across different regions is driving the growth of the clinical decision support platform market. In addition, the clinical decision support platform is witnessing a high demand as it aids in cost savings

by facilitating the optimal usage of resources and reducing the cases of unnecessary hospital readmissions. In the digital era, clinical decision support platforms powered by the properties of AI and deep learning are gaining prominence. AI enables the precise assessment and interpretation of loads of data in a short span of time. Moreover, deep learning complements the attributes of AI through predictive analysis, pattern analysis, and image recognition.

However, the installation and maintenance of the platform, along with the assembly of necessary resources & infrastructure is an expensive process that restrains the growth of the clinical decision support platform market. Furthermore, these platforms remain at a high risk of data breach and cyberattacks, which hampers the market development. For instance, Change Healthcare—an American healthcare company—was targeted t%li%a ransomware attack on February 2024, risking the health data of millions of Americans due t%li%unauthorized access.

Segment Review

The clinical decision support platform market is segmented int%li%component, delivery mode, application, end user, and region. On the basis of component, the market is bifurcated int%li%software and services. As per delivery mode, it is divided int%li%on-premises and cloud based. Depending on application, it is classified int%li%drug allergy alerts, clinical guidelines, drug-drug interactions, clinical reminders, and others. By end user, it is categorized int%li%hospitals, clinics, ambulatory care centers, and academic & research institutes. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Findings

On the basis of component, the software segment dominated the market in 2023.

As per delivery mode, the on-premises segment acquired a high stake in the market in 2023.

Depending on application, the drug-drug interactions segment accounted for a high market share in 2023.

By end user, the hospitals segment was the highest shareholder of the market in 2023.

Region wise, North America was the highest revenue generator in 2023.

Competition Analysis

The major players of the global clinical decision support platform market include Cerner Corporation, EPIC Systems Corporation, IBM, Change Healthcare Corporation, Medical Information Technology Inc, Koninklijke Philips NV, Siemens Healthcare, Allscripts Healthcare Solutions Inc., Wolters Kluwer NV, and McKesson Corporation. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships, to strengthen their foothold in the competitive market.

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Regulatory Guidelines

Additional company profiles with specific client's interest

Expanded list for Company Profiles

Historic market data

Reimbursement Scenario

Key Market Segments

By Component

Software

Services

By Delivery Mode

On-Premises

Cloud Based

By Application

Drug Allergy Alerts

Clinical Guidelines

Drug-Drug Interactions

Clinical Reminders

Others

By End User

Hospitals

Clinics

Ambulatory Care Centers

Academic and Research Institutes

By Region

North America

U.S.

Canada

Mexico

Europe

France

Germany

Italy

Spain

UK

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Australia

Rest of Asia-Pacific

LAMEA

Brazil

South Africa

Saudi Arabia

Rest of LAMEA

Key Market Players

Cerner Corporation

EPIC Systems Corporation

IBM

Change Healthcare Corporation

Medical Information Technology Inc

Koninklijke Philips NV

Siemens Healthcare

Allscripts Healthcare Solutions Inc.

Wolters Kluwer NV

McKesson Corporation.

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