

Clinical Decision Support System Market By Product (Standalone, Integrated) , By Delivery (On Premises, Cloud) By Component (Hardware, Software, Services) By Application (Drug-Drug Interactions, Clinical Reminders, Clinical Guidelines, Drug Dosing Support, Others) : Global Opportunity Analysis and Industry Forecast, 2024-2033

<https://marketpublishers.com/r/C0353236A293EN.html>

Date: November 2024

Pages: 280

Price: US\$ 2,655.00 (Single User License)

ID: C0353236A293EN

Abstracts

Clinical Decision Support System Market

The clinical decision support system market was valued at \$5.3 billion in 2023 and is projected to reach \$14.9 billion by 2033, growing at a CAGR of 10.9% from 2024 to 2033.

A clinical decision support system (CDSS) is a computerized application that assists clinical staff, nurses, and doctors in making medical decisions that improve patient care. The application analyzes data from several sources such as patient records, medical literature, and clinical guidelines to provide recommendations based on evidence. The major components involved in the designing of CDSS include data management system, user interface, inference engine, and communication & feedback mechanism.

Rise in awareness regarding the importance of providing tailored care for improved patient outcomes is a key driver of the clinical decision support system market. Moreover, increase in the adoption of electronic health records across several hospitals & clinics has fueled the adoption of CDSS owing to its seamless integration and ability to enhance diagnostic accuracy, thereby propelling the development of the market. In recent times, the assimilation of CDSS with AI algorithms such as natural language

processing, deep learning, and neural networks is an emerging trend in the market. The capabilities of AI to accelerate data analysis, refine predictive results, and extract valuable information from literature in structural format are expected to enhance & personalize the decision-making for every patient.

However, the persistent distrust among several doctors regarding the judgment capabilities of computerized systems limits the adoption and hampers the growth of the clinical decision support system market. Furthermore, ensuring CDSS adherence as per local and international guidelines is an intricate & time-consuming process, which restrains the market development significantly. On the contrary, the ability of CDSS to reduce patient visits and eliminate excessive hospitalization expenditures is projected to fuel its adoption in the future, opening new avenues for the market. According to an article by Folio3 Digital Health—a software implementation & development partner—the assimilation of CDSS with genetic testing data is expected to reduce emergency department visits by approximately 42% and hospital readmissions by 52%. These figures indicate the possibility for the clinical decision support system market to witness lucrative opportunities in the future.

Segment Review

The clinical decision support system market is segmented into product, delivery, component, application, and region. On the basis of product, the market is bifurcated into standalone and integrated. Depending on delivery, it is divided into on premises and cloud. As per component, it is classified into hardware, software, and services. According to application, it is categorized into drug-drug interactions, clinical reminders, clinical guidelines, drug dosing support, and others. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Findings

On the basis of product, the standalone segment held a high share of the market in 2023.

Depending on delivery, the on premises segment acquired a high stake in the market in 2023.

As per component, the software segment dominated the market in 2023.

According to application, the drug-drug interactions segment accounted for a high share

of the market in 2023.

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

Competition Analysis

The major players in the global clinical decision support system market include McKesson Corporation, Oracle Corporation, Siemens Healthineers GmbH, Allscripts Healthcare, LLC, Athenahealth, Inc., NextGen Healthcare Inc., Koninklijke Philips N.V, IBM Corporation, Gevaert Group, and Wolters Kluwer N.V. 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.

Additional benefits you will get with this purchase are:

Quarterly Update and* (only available with a corporate license, on listed price)

5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.

Free Upcoming Version on the Purchase of Five and Enterprise User License.

16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting to 16 analyst hours to solve questions, and post-sale queries)

15% Free Customization* (in case the scope or segment of the report does not match your requirements, 15% is equivalent to 3 working days of free work, applicable once)

Free data Pack on the Five and Enterprise User License. (Excel version of the report)

Free Updated report if the report is 6-12 months old or older.

24-hour priority response*

Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk to the sales executive to know more)

Regulatory Guidelines

Additional company profiles with specific to client's interest

Expanded list for Company Profiles

Historic market data

Key Market Segments

By Product

Standalone

Integrated

By Delivery

On Premises

Cloud

By Component

Hardware

Software

Services

By Application

Drug-Drug Interactions

Clinical Reminders

Clinical Guidelines

Drug Dosing Support

Others

By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Spain

Rest of Europe

Asia-Pacific

Japan

China

Australia

India

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

Key Market Players

McKesson Corporation

Oracle Corporation

Siemens Healthineers GmbH

Allscripts Healthcare, LLC

Athenahealth, Inc

NextGen Healthcare Inc

Koninklijke Philips N.V

IBM Corporation

Gevaert Group

Wolters Kluwer N.V.

Contents

CHAPTER 1: INTRODUCTION

- 1.1. Report Description
- 1.2. Key Market Segments
- 1.3. Key Benefits
- 1.4. Research Methodology
 - 1.4.1. Primary Research
 - 1.4.2. Secondary Research
 - 1.4.3. Analyst Tools and Models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3: MARKET LANDSCAPE

- 3.1. Market Definition and Scope
- 3.2. Key Findings
 - 3.2.1. Top Investment Pockets
 - 3.2.2. Top Winning Strategies
- 3.3. Porter's Five Forces Analysis
 - 3.3.1. Bargaining Power of Suppliers
 - 3.3.2. Threat of New Entrants
 - 3.3.3. Threat of Substitutes
 - 3.3.4. Competitive Rivalry
 - 3.3.5. Bargaining Power among Buyers
- 3.4. Market Dynamics
 - 3.4.1. Drivers
 - 3.4.2. Restraints
 - 3.4.3. Opportunities

CHAPTER 4: CLINICAL DECISION SUPPORT SYSTEM MARKET, BY PRODUCT

- 4.1. Market Overview
 - 4.1.1 Market Size and Forecast, By Product
- 4.2. Standalone
 - 4.2.1. Key Market Trends, Growth Factors and Opportunities

- 4.2.2. Market Size and Forecast, By Region
- 4.2.3. Market Share Analysis, By Country
- 4.3. Integrated
 - 4.3.1. Key Market Trends, Growth Factors and Opportunities
 - 4.3.2. Market Size and Forecast, By Region
 - 4.3.3. Market Share Analysis, By Country

CHAPTER 5: CLINICAL DECISION SUPPORT SYSTEM MARKET, BY DELIVERY

- 5.1. Market Overview
 - 5.1.1 Market Size and Forecast, By Delivery
- 5.2. On Premises
 - 5.2.1. Key Market Trends, Growth Factors and Opportunities
 - 5.2.2. Market Size and Forecast, By Region
 - 5.2.3. Market Share Analysis, By Country
- 5.3. Cloud
 - 5.3.1. Key Market Trends, Growth Factors and Opportunities
 - 5.3.2. Market Size and Forecast, By Region
 - 5.3.3. Market Share Analysis, By Country

CHAPTER 6: CLINICAL DECISION SUPPORT SYSTEM MARKET, BY COMPONENT

- 6.1. Market Overview
 - 6.1.1 Market Size and Forecast, By Component
- 6.2. Hardware
 - 6.2.1. Key Market Trends, Growth Factors and Opportunities
 - 6.2.2. Market Size and Forecast, By Region
 - 6.2.3. Market Share Analysis, By Country
- 6.3. Software
 - 6.3.1. Key Market Trends, Growth Factors and Opportunities
 - 6.3.2. Market Size and Forecast, By Region
 - 6.3.3. Market Share Analysis, By Country
- 6.4. Services
 - 6.4.1. Key Market Trends, Growth Factors and Opportunities
 - 6.4.2. Market Size and Forecast, By Region
 - 6.4.3. Market Share Analysis, By Country

CHAPTER 7: CLINICAL DECISION SUPPORT SYSTEM MARKET, BY APPLICATION

7.1. Market Overview

7.1.1 Market Size and Forecast, By Application

7.2. Drug-Drug Interactions

7.2.1. Key Market Trends, Growth Factors and Opportunities

7.2.2. Market Size and Forecast, By Region

7.2.3. Market Share Analysis, By Country

7.3. Clinical Reminders

7.3.1. Key Market Trends, Growth Factors and Opportunities

7.3.2. Market Size and Forecast, By Region

7.3.3. Market Share Analysis, By Country

7.4. Clinical Guidelines

7.4.1. Key Market Trends, Growth Factors and Opportunities

7.4.2. Market Size and Forecast, By Region

7.4.3. Market Share Analysis, By Country

7.5. Drug Dosing Support

7.5.1. Key Market Trends, Growth Factors and Opportunities

7.5.2. Market Size and Forecast, By Region

7.5.3. Market Share Analysis, By Country

7.6. Others

7.6.1. Key Market Trends, Growth Factors and Opportunities

7.6.2. Market Size and Forecast, By Region

7.6.3. Market Share Analysis, By Country

CHAPTER 8: CLINICAL DECISION SUPPORT SYSTEM MARKET, BY REGION

8.1. Market Overview

8.1.1 Market Size and Forecast, By Region

8.2. North America

8.2.1. Key Market Trends and Opportunities

8.2.2. Market Size and Forecast, By Product

8.2.3. Market Size and Forecast, By Delivery

8.2.4. Market Size and Forecast, By Component

8.2.5. Market Size and Forecast, By Application

8.2.6. Market Size and Forecast, By Country

8.2.7. U.S. Clinical Decision Support System Market

8.2.7.1. Market Size and Forecast, By Product

8.2.7.2. Market Size and Forecast, By Delivery

8.2.7.3. Market Size and Forecast, By Component

- 8.2.7.4. Market Size and Forecast, By Application
- 8.2.8. Canada Clinical Decision Support System Market
 - 8.2.8.1. Market Size and Forecast, By Product
 - 8.2.8.2. Market Size and Forecast, By Delivery
 - 8.2.8.3. Market Size and Forecast, By Component
 - 8.2.8.4. Market Size and Forecast, By Application
- 8.2.9. Mexico Clinical Decision Support System Market
 - 8.2.9.1. Market Size and Forecast, By Product
 - 8.2.9.2. Market Size and Forecast, By Delivery
 - 8.2.9.3. Market Size and Forecast, By Component
 - 8.2.9.4. Market Size and Forecast, By Application
- 8.3. Europe
 - 8.3.1. Key Market Trends and Opportunities
 - 8.3.2. Market Size and Forecast, By Product
 - 8.3.3. Market Size and Forecast, By Delivery
 - 8.3.4. Market Size and Forecast, By Component
 - 8.3.5. Market Size and Forecast, By Application
 - 8.3.6. Market Size and Forecast, By Country
 - 8.3.7. Germany Clinical Decision Support System Market
 - 8.3.7.1. Market Size and Forecast, By Product
 - 8.3.7.2. Market Size and Forecast, By Delivery
 - 8.3.7.3. Market Size and Forecast, By Component
 - 8.3.7.4. Market Size and Forecast, By Application
 - 8.3.8. France Clinical Decision Support System Market
 - 8.3.8.1. Market Size and Forecast, By Product
 - 8.3.8.2. Market Size and Forecast, By Delivery
 - 8.3.8.3. Market Size and Forecast, By Component
 - 8.3.8.4. Market Size and Forecast, By Application
 - 8.3.9. UK Clinical Decision Support System Market
 - 8.3.9.1. Market Size and Forecast, By Product
 - 8.3.9.2. Market Size and Forecast, By Delivery
 - 8.3.9.3. Market Size and Forecast, By Component
 - 8.3.9.4. Market Size and Forecast, By Application
 - 8.3.10. Italy Clinical Decision Support System Market
 - 8.3.10.1. Market Size and Forecast, By Product
 - 8.3.10.2. Market Size and Forecast, By Delivery
 - 8.3.10.3. Market Size and Forecast, By Component
 - 8.3.10.4. Market Size and Forecast, By Application
 - 8.3.11. Spain Clinical Decision Support System Market

- 8.3.11.1. Market Size and Forecast, By Product
- 8.3.11.2. Market Size and Forecast, By Delivery
- 8.3.11.3. Market Size and Forecast, By Component
- 8.3.11.4. Market Size and Forecast, By Application
- 8.3.12. Rest Of Europe Clinical Decision Support System Market
 - 8.3.12.1. Market Size and Forecast, By Product
 - 8.3.12.2. Market Size and Forecast, By Delivery
 - 8.3.12.3. Market Size and Forecast, By Component
 - 8.3.12.4. Market Size and Forecast, By Application
- 8.4. Asia-Pacific
 - 8.4.1. Key Market Trends and Opportunities
 - 8.4.2. Market Size and Forecast, By Product
 - 8.4.3. Market Size and Forecast, By Delivery
 - 8.4.4. Market Size and Forecast, By Component
 - 8.4.5. Market Size and Forecast, By Application
 - 8.4.6. Market Size and Forecast, By Country
 - 8.4.7. Japan Clinical Decision Support System Market
 - 8.4.7.1. Market Size and Forecast, By Product
 - 8.4.7.2. Market Size and Forecast, By Delivery
 - 8.4.7.3. Market Size and Forecast, By Component
 - 8.4.7.4. Market Size and Forecast, By Application
 - 8.4.8. China Clinical Decision Support System Market
 - 8.4.8.1. Market Size and Forecast, By Product
 - 8.4.8.2. Market Size and Forecast, By Delivery
 - 8.4.8.3. Market Size and Forecast, By Component
 - 8.4.8.4. Market Size and Forecast, By Application
 - 8.4.9. Australia Clinical Decision Support System Market
 - 8.4.9.1. Market Size and Forecast, By Product
 - 8.4.9.2. Market Size and Forecast, By Delivery
 - 8.4.9.3. Market Size and Forecast, By Component
 - 8.4.9.4. Market Size and Forecast, By Application
 - 8.4.10. India Clinical Decision Support System Market
 - 8.4.10.1. Market Size and Forecast, By Product
 - 8.4.10.2. Market Size and Forecast, By Delivery
 - 8.4.10.3. Market Size and Forecast, By Component
 - 8.4.10.4. Market Size and Forecast, By Application
 - 8.4.11. South Korea Clinical Decision Support System Market
 - 8.4.11.1. Market Size and Forecast, By Product
 - 8.4.11.2. Market Size and Forecast, By Delivery

- 8.4.11.3. Market Size and Forecast, By Component
- 8.4.11.4. Market Size and Forecast, By Application
- 8.4.12. Rest of Asia-Pacific Clinical Decision Support System Market
 - 8.4.12.1. Market Size and Forecast, By Product
 - 8.4.12.2. Market Size and Forecast, By Delivery
 - 8.4.12.3. Market Size and Forecast, By Component
 - 8.4.12.4. Market Size and Forecast, By Application
- 8.5. LAMEA
 - 8.5.1. Key Market Trends and Opportunities
 - 8.5.2. Market Size and Forecast, By Product
 - 8.5.3. Market Size and Forecast, By Delivery
 - 8.5.4. Market Size and Forecast, By Component
 - 8.5.5. Market Size and Forecast, By Application
 - 8.5.6. Market Size and Forecast, By Country
 - 8.5.7. Brazil Clinical Decision Support System Market
 - 8.5.7.1. Market Size and Forecast, By Product
 - 8.5.7.2. Market Size and Forecast, By Delivery
 - 8.5.7.3. Market Size and Forecast, By Component
 - 8.5.7.4. Market Size and Forecast, By Application
 - 8.5.8. Saudi Arabia Clinical Decision Support System Market
 - 8.5.8.1. Market Size and Forecast, By Product
 - 8.5.8.2. Market Size and Forecast, By Delivery
 - 8.5.8.3. Market Size and Forecast, By Component
 - 8.5.8.4. Market Size and Forecast, By Application
 - 8.5.9. South Africa Clinical Decision Support System Market
 - 8.5.9.1. Market Size and Forecast, By Product
 - 8.5.9.2. Market Size and Forecast, By Delivery
 - 8.5.9.3. Market Size and Forecast, By Component
 - 8.5.9.4. Market Size and Forecast, By Application
 - 8.5.10. Rest of LAMEA Clinical Decision Support System Market
 - 8.5.10.1. Market Size and Forecast, By Product
 - 8.5.10.2. Market Size and Forecast, By Delivery
 - 8.5.10.3. Market Size and Forecast, By Component
 - 8.5.10.4. Market Size and Forecast, By Application

CHAPTER 9: COMPETITIVE LANDSCAPE

- 9.1. Introduction
- 9.2. Top Winning Strategies

- 9.3. Product Mapping Of Top 10 Player
- 9.4. Competitive Dashboard
- 9.5. Competitive Heatmap
- 9.6. Top Player Positioning, 2023

CHAPTER 10: COMPANY PROFILES

- 10.1. McKesson Corporation
 - 10.1.1. Company Overview
 - 10.1.2. Key Executives
 - 10.1.3. Company Snapshot
 - 10.1.4. Operating Business Segments
 - 10.1.5. Product Portfolio
 - 10.1.6. Business Performance
 - 10.1.7. Key Strategic Moves and Developments
- 10.2. Oracle Corporation
 - 10.2.1. Company Overview
 - 10.2.2. Key Executives
 - 10.2.3. Company Snapshot
 - 10.2.4. Operating Business Segments
 - 10.2.5. Product Portfolio
 - 10.2.6. Business Performance
 - 10.2.7. Key Strategic Moves and Developments
- 10.3. Siemens Healthineers GmbH
 - 10.3.1. Company Overview
 - 10.3.2. Key Executives
 - 10.3.3. Company Snapshot
 - 10.3.4. Operating Business Segments
 - 10.3.5. Product Portfolio
 - 10.3.6. Business Performance
 - 10.3.7. Key Strategic Moves and Developments
- 10.4. Allscripts Healthcare, LLC
 - 10.4.1. Company Overview
 - 10.4.2. Key Executives
 - 10.4.3. Company Snapshot
 - 10.4.4. Operating Business Segments
 - 10.4.5. Product Portfolio
 - 10.4.6. Business Performance
 - 10.4.7. Key Strategic Moves and Developments

- 10.5. Athenahealth, Inc
 - 10.5.1. Company Overview
 - 10.5.2. Key Executives
 - 10.5.3. Company Snapshot
 - 10.5.4. Operating Business Segments
 - 10.5.5. Product Portfolio
 - 10.5.6. Business Performance
 - 10.5.7. Key Strategic Moves and Developments
- 10.6. NextGen Healthcare Inc
 - 10.6.1. Company Overview
 - 10.6.2. Key Executives
 - 10.6.3. Company Snapshot
 - 10.6.4. Operating Business Segments
 - 10.6.5. Product Portfolio
 - 10.6.6. Business Performance
 - 10.6.7. Key Strategic Moves and Developments
- 10.7. Koninklijke Philips N.V.
 - 10.7.1. Company Overview
 - 10.7.2. Key Executives
 - 10.7.3. Company Snapshot
 - 10.7.4. Operating Business Segments
 - 10.7.5. Product Portfolio
 - 10.7.6. Business Performance
 - 10.7.7. Key Strategic Moves and Developments
- 10.8. IBM Corporation
 - 10.8.1. Company Overview
 - 10.8.2. Key Executives
 - 10.8.3. Company Snapshot
 - 10.8.4. Operating Business Segments
 - 10.8.5. Product Portfolio
 - 10.8.6. Business Performance
 - 10.8.7. Key Strategic Moves and Developments
- 10.9. Gevaert Group
 - 10.9.1. Company Overview
 - 10.9.2. Key Executives
 - 10.9.3. Company Snapshot
 - 10.9.4. Operating Business Segments
 - 10.9.5. Product Portfolio
 - 10.9.6. Business Performance

10.9.7. Key Strategic Moves and Developments

10.10. Wolters Kluwer N.V.

10.10.1. Company Overview

10.10.2. Key Executives

10.10.3. Company Snapshot

10.10.4. Operating Business Segments

10.10.5. Product Portfolio

10.10.6. Business Performance

10.10.7. Key Strategic Moves and Developments

I would like to order

Product name: Clinical Decision Support System Market By Product (Standalone, Integrated) , By Delivery (On Premises, Cloud) By Component (Hardware, Software, Services) By Application (Drug-Drug Interactions, Clinical Reminders, Clinical Guidelines, Drug Dosing Support, Others) : Global Opportunity Analysis and Industry Forecast, 2024-2033

Product link: <https://marketpublishers.com/r/C0353236A293EN.html>

Price: US\$ 2,655.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C0353236A293EN.html>