

# Clinical Decision support Systems Market is projected to reach USD 1.31 Billion by 2029 - Exactitude Consultancy

*The global clinical decision support system market is projected to reach USD 1.31 Billion by 2029 from USD 1.20 Billion in 2020, at a CAGR of 9.33% .*

LUTON, BEDFORDSHIRE, UNITED KINGDOM, November 28, 2023 /EINPresswire.com/ -- Exactitude Consultancy, the market research and consulting wing of Ameliorate Digital Consultancy Private Limited has completed and published the final copy of the detailed research report on the [Clinical Decision support Systems](#) Market.



A Clinical Decision Support System is a computer-based tool designed to assist healthcare professionals in making clinical decisions. It provides information and knowledge at the point of care to improve the quality of healthcare delivery.

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CDSS plays a crucial role in improving the overall quality of healthcare by supporting clinicians with timely and evidence-based information, ultimately leading to better patient outcomes.”

*Exactitudeconsultancy*

Our report on the Clinical Decision support Systems market presents a comprehensive overview of the industry, including a detailed examination of the current market situation, historical data, and a forecast of future growth. The Clinical Decision Support Systems Market report offers detailed qualitative and quantitative insights into the industry potential and future scopes accessible in the Market. Moreover, the report provides data on the key industry players, their strategies and market dynamics.

Furthermore, our report also offers an in-depth analysis of the regulatory environment applicable to the industry and the potential opportunities and challenges it presents.

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### Clinical Decision support Systems Market Top Key Players:

The Clinical Decision support Systems Market key players include McKesson Corporation, Cerner Corporation, Siemens Healthineers GmbH, Allscripts Healthcare, LLC, athenahealth, Inc., NextGen Healthcare Inc., Koninklijke Philips N.V. (Royal Philips), IBM Corporation, Agfa-Gevaert Group, Wolters Kluwer N.V., New strategies were adopted by market players to strengthen their product portfolios and maintain a competitive position in the clinical decision support system market.

### Recent Developments:

In 2021 – Epic has teamed up with Foundation Medicine, a health IT company, to develop a new clinical decision supporting EHR integration that supports precision medicine.

In 2020 – Cerner Corporation has partnered with Holon Solutions to provide clinical decision support at the point of care that is faster and more seamless.

In 2020, IBM Watson Health and EBSCO Information Services have announced a strategic agreement toward boosting clinical decision support (CDS) and operations for healthcare practitioners and health systems.

### Market Growth:

The [CDSS](#) market has been growing steadily, driven by the increasing demand for advanced healthcare solutions, the need to improve patient outcomes, and the rising prevalence of chronic diseases.

### Factors Driving Adoption:

**Integration with Electronic Health Records (EHR):** The integration of CDSS with electronic health records has been a significant factor driving adoption. It helps in providing real-time clinical information to healthcare professionals.

**Emphasis on Patient Safety:** CDSS plays a crucial role in enhancing patient safety by providing alerts and recommendations to healthcare providers, helping them make informed decisions.

**Technological Advances:** Advancements in artificial intelligence and machine learning have contributed to the enhancement of CDSS capabilities. These technologies enable systems to analyze large datasets, identify patterns, and provide more accurate recommendations.

**Challenges:** Despite the growth, challenges exist, including issues related to interoperability, data

privacy, and the need for extensive training for healthcare professionals to effectively use CDSS.

**Regulatory Environment:** Compliance with regulatory requirements, such as those related to patient data protection and healthcare standards, is crucial for CDSS providers.

**Global Presence:** The CDSS market is not limited to a specific region, with growth observed globally. Different regions may have varying levels of adoption and regulatory frameworks influencing market dynamics.

**Key Market Segments:** Clinical Decision support Systems Market

Clinical Decision Support System Market by Product, 2022-2029, (In USD Million)

Standalone CDSS

Integrated CPOE With CDSS

Integrated E.H.R. With CDSS

Integrated CDSS With CPOE & E.H.R.

Clinical Decision Support System Market by Application, 2022-2029, (In USD Million)

Drug-Drug Interactions

Prescription Support

Drug Allergy Alerts

Clinical Reminders

Clinical Guidelines

Drug Dosing Support

Clinical Decision Support System Market by Delivery Mode, 2022-2029, (In USD Million)

Web-Based Systems

Cloud-Based Systems

On-Premise

Clinical Decision Support System Market by Components, 2022-2029, (In USD Million)

Hardware

Software

Services

Clinical Decision Support System Market by Model, 2020-2029, (USD Million)

Knowledge Based

Non-Knowledge Based

## Clinical Decision Support System Market by Type, 2022-2029, (USD Million)

Therapeutic  
Diagnostic

## Clinical Decision Support System Market by Level Of Interactivity, 2022-2029, (USD Million)

Active CDSS  
Passive CDSS

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### Regional Share Analysis:

Geographically, the clinical decision support system market is segmented into North America, South America, Europe, APAC and MEA.

North America: includes the US, Canada, Mexico

Europe: includes UK, Germany, France, Italy, Spain, Russia, and Rest of Europe

Asia Pacific: includes China, Japan, South Korea, India, Australia, ASEAN and Rest of APAC

South America: includes Brazil, Argentina and Rest of South America

Middle East & Africa: includes Turkey, UAE, Saudi Arabia, South Africa, and Rest of MEA

North America is dominating the market of clinical decision support system. North America shares 32% of the total market. The surge in demand for healthcare information technology solutions in the medical sector can be attributed to the market's growth. Rapid technological advancements, as well as the growing importance of providing high-quality healthcare services, are driving this region's market growth.

### Key Benefits for Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the Clinical Decision support Systems market analysis from 2023 to 2029 to identify the prevailing Clinical Decision support Systems market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the Clinical Decision support Systems market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the

global market.

- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global Clinical Decision support Systems Market trends, key players, market segments, application areas, and market growth strategies.

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Research Methodology:

Research methodology is a structured and organized approach to gathering and examining information for a specific purpose. The two fundamental types of research methods are secondary research and primary research. In secondary research, data are collected from published sources like scholarly journals, books, and company websites. It can help provide a broad perspective on a subject and identify significant trends and patterns. On the other hand, primary research involves collecting original data through surveys, focus groups, and interviews. While primary research can provide more accurate and relevant information, it is often more time-consuming and expensive compared to secondary research. Each method has its advantages and limitations, and choosing the right approach depends on the research objectives and available resources.

Frequently Asked Questions Section

What is the current scenario of the global clinical decision support system market?

What are the emerging technologies for the development of clinical decision support system devices?

What are the historical size and the present size of the market segments and their future potential?

What are the major catalysts for the market and their impact during the short, medium, and long terms?

What are the evolving opportunities for the players in the market?

Which are the key regions from the investment perspective?

What are the key strategies being adopted by the major players to up their market shares?

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Devices, Others), End-Users (Hospitals, Clinics, Care centers, Medical industry/company, Orthopedic laboratories), and Region, Global trends analysis and forecast from 2022 to 2029

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