

Global Radiology Information Systems Market Size Study & Forecast, by Product (Integrated RIS, Standalone RIS), Deployment Mode, End Use and Regional Forecasts 2025-2035

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Abstracts

The Global Radiology Information Systems (RIS) Market is valued at approximately USD 1.33 billion in 2024 and is anticipated to expand at a striking CAGR of nearly 9.78% throughout the forecast period of 2025–2035. RIS has emerged as a pivotal digital backbone in modern healthcare by streamlining the management of radiological data, ensuring seamless workflow integration, and enhancing both diagnostic accuracy and operational efficiency. The market's momentum is largely being powered by the accelerating adoption of healthcare IT systems, the mounting pressure on hospitals to digitize operations, and the push for cost containment in medical imaging services. Moreover, the surging demand for cloud-based solutions, paired with a shift toward value-based care, has further reinforced the adoption of advanced RIS platforms worldwide.

The healthcare industry is currently navigating through a digital transformation phase where the explosion of medical imaging data and the need for interoperable systems have pushed healthcare providers to deploy radiology information systems. These systems not only simplify appointment scheduling, patient tracking, and results distribution but also improve the coordination of care across departments. According to the World Health Organization, the annual number of diagnostic imaging procedures continues to rise sharply, with MRI and CT scan volumes growing steadily in both developed and emerging markets. Furthermore, increasing incidences of chronic diseases and aging populations worldwide have directly escalated the utilization of diagnostic imaging, thereby propelling the RIS market. Nevertheless, the high upfront cost of installation, challenges in integrating legacy systems, and concerns regarding

data security and privacy may act as obstacles, albeit temporary, to market expansion.

From a geographical standpoint, North America continues to dominate the RIS market, supported by a highly mature healthcare IT infrastructure, favorable reimbursement frameworks, and early adoption of advanced imaging technologies. The U.S. market in particular has benefitted from substantial government funding and the presence of key technology players that accelerate innovation in radiology solutions. On the other hand, the Asia Pacific region is expected to showcase the fastest growth trajectory through 2035, primarily due to rising healthcare expenditure, rapid digitalization of hospitals, and increasing government initiatives for electronic health record (EHR) implementation. Countries such as China and India are investing heavily in healthcare infrastructure modernization, thereby opening up promising opportunities for RIS vendors. Europe, meanwhile, remains a significant market driven by rising demand for integrated healthcare solutions, strict compliance mandates, and increasing collaborations between hospitals and software providers.

Major market players included in this report are:

Cerner Corporation

Siemens Healthineers AG

McKesson Corporation

Epic Systems Corporation

IBM Watson Health

Philips Healthcare

General Electric (GE) Healthcare

Agfa-Gevaert Group

Allscripts Healthcare Solutions, Inc.

Medinformatix, Inc.

Merge Healthcare (an IBM Company)

Carestream Health, Inc.

Infinitt Healthcare Co., Ltd.

Fujifilm Holdings Corporation

Koninklijke Philips N.V.

Global Radiology Information Systems Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period - 2025-2035

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Product:

Integrated RIS

Standalone RIS

By Deployment Mode:

Cloud-based

On-premise

Web-based

By End Use:

Hospitals

Diagnostic Imaging Centers

Outpatient Clinics

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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