

Radiation Dose Management Market Size, Trends, Analysis, and Outlook By Products and Services (Solutions, Services), By Modality (Computed Tomography, Fluoroscopy & Interventional Imaging, Radiography, Mammography, Nuclear Medicine), By Deployment model (On-Premises, Cloud-Based, Web-Based), By Application (Oncology, Cardiology, Dental, Orthopaedic, Others), By End-User (Hospitals, Ambulatory Surgery Centers, Diagnostic and Imaging Centers, Others), by Country, Segment, and Companies, 2024-2032

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Abstracts

The global Radiation Dose Management market size is poised to register 13.5% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Radiation Dose Management market across By Products and Services (Solutions, Services), By Modality (Computed Tomography, Fluoroscopy & Interventional Imaging, Radiography, Mammography, Nuclear Medicine), By Deployment model (On-Premises, Cloud-Based, Web-Based), By Application (Oncology, Cardiology, Dental, Orthopaedic, Others), By End-User (Hospitals, Ambulatory Surgery Centers, Diagnostic and Imaging Centers, Others)

The Radiation Dose Management market is experiencing rapid growth driven by the increasing emphasis on patient safety, regulatory compliance, and quality assurance in medical imaging. Radiation dose management solutions play a crucial role in optimizing radiation exposure levels for patients and healthcare professionals, reducing the risk of

radiation-related complications. With the rising demand for diagnostic imaging procedures and the growing concerns regarding radiation dose accumulation, there is a rising need for effective dose monitoring and dose reduction strategies. Further, advancements in dose tracking software, dose reporting tools, and radiation dose analytics are driving market growth by enabling comprehensive dose management across healthcare facilities. By 2030, the market is expected to witness further expansion, fueled by the increasing adoption of dose management solutions and the integration of artificial intelligence for dose optimization.

Radiation Dose Management Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Radiation Dose Management market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Radiation Dose Management survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Radiation Dose Management industry.

Key market trends defining the global Radiation Dose Management demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Radiation Dose Management Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Radiation Dose Management industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Radiation Dose Management companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Radiation Dose Management industry

Leading Radiation Dose Management companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Radiation Dose Management companies.

Radiation Dose Management Market Study- Strategic Analysis Review

The Radiation Dose Management market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Radiation Dose Management Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Radiation Dose Management industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

Radiation Dose Management Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

North America Radiation Dose Management Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Radiation Dose Management market segments. Similarly, Strong market demand is encouraging Canadian Radiation Dose Management companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Radiation Dose Management market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Radiation Dose Management Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Radiation Dose Management industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Radiation Dose Management market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Radiation Dose Management Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Radiation Dose Management in Asia Pacific. In particular, China, India, and South East Asian Radiation

Dose Management markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Radiation Dose Management Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Radiation Dose Management Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Radiation Dose Management market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Radiation Dose Management.

Radiation Dose Management Market Company Profiles

The global Radiation Dose Management market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Agfa HealthCare, Bayer AG, Bracco Imaging S.p.A., Canon Inc, Dedalus S.p.A., Fortive Corp, FUJIFILM Holdings Corp, GE Healthcare, Guerbet SA, Imalogix LLC, INFINITT Healthcare Co. Ltd, Landauer Inc, Medic Vision Imaging Solutions Ltd, Medic Vision Imaging Solutions Ltd, Medsquare SAS, Mirion Technologies Inc, Nanjing Perlove Medical Equipment Co. Ltd, Novarad Corp, PACSHealth LLC, Philips Healthcare, Polimaster Ltd, Qaelum N.V., Sectra AB, Siemens Healthineers, Volpara Health Technologies Ltd.

Recent Radiation Dose Management Market Developments

The global Radiation Dose Management market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Radiation Dose Management Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Products and Services

Solutions

-Standalone

-Integrated

Services

-Support & Maintenance Services

-Implementation & Integration

-Consulting

-Education & Training

By Modality

Computed Tomography

Fluoroscopy & Interventional Imaging

Radiography

Mammography

Nuclear Medicine

By Deployment model

On-Premises

Cloud-Based

Web-Based

By Application

Oncology

Cardiology

Dental

Orthopaedic

Others

By End-User

Hospitals

Ambulatory Surgery Centers

Diagnostic and Imaging Centers

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Agfa HealthCare

Bayer AG

Bracco Imaging S.p.A.

Canon Inc

Dedalus S.p.A.

Fortive Corp

FUJIFILM Holdings Corp

GE Healthcare

Guerbet SA

Imalogix LLC

INFINITT Healthcare Co. Ltd

Landauer Inc

Medic Vision Imaging Solutions Ltd

Medic Vision Imaging Solutions Ltd

Medsquare SAS

Mirion Technologies Inc

Nanjing Perlove Medical Equipment Co. Ltd

Novarad Corp

PACSHealth LLC

Philips Healthcare

Polimaster Ltd

Qaelum N.V.

Sectra AB

Siemens Healthineers

Volpara Health Technologies Ltd

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Radiation Dose Management Market Overview and Key Findings, 2024
- 1.2 Radiation Dose Management Market Size and Growth Outlook, 2021- 2030
- 1.3 Radiation Dose Management Market Growth Opportunities to 2030
- 1.4 Key Radiation Dose Management Market Trends and Challenges
 - 1.4.1 Radiation Dose Management Market Drivers and Trends
 - 1.4.2 Radiation Dose Management Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Radiation Dose Management Companies

2. RADIATION DOSE MANAGEMENT MARKET SIZE OUTLOOK TO 2030

- 2.1 Radiation Dose Management Market Size Outlook, USD Million, 2021- 2030
- 2.2 Radiation Dose Management Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. RADIATION DOSE MANAGEMENT MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. RADIATION DOSE MANAGEMENT MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - By Products and Services
 - Solutions
 - Standalone

-Integrated

Services

-Support & Maintenance Services

-Implementation & Integration

-Consulting

-Education & Training

By Modality

Computed Tomography

Fluoroscopy & Interventional Imaging

Radiography

Mammography

Nuclear Medicine

By Deployment model

On-Premises

Cloud-Based

Web-Based

By Application

Oncology

Cardiology

Dental

Orthopaedic

Others

By End-User

Hospitals

Ambulatory Surgery Centers

Diagnostic and Imaging Centers

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Radiation Dose Management Market, 2025

5.2 Asia Pacific Radiation Dose Management Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Radiation Dose Management Market Size Outlook by Application, 2021-2030

5.4 Key Findings for Europe Radiation Dose Management Market, 2025

5.5 Europe Radiation Dose Management Market Size Outlook by Type, 2021- 2030

5.6 Europe Radiation Dose Management Market Size Outlook by Application, 2021-

2030

5.7 Key Findings for North America Radiation Dose Management Market, 2025

5.8 North America Radiation Dose Management Market Size Outlook by Type, 2021-2030

5.9 North America Radiation Dose Management Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Radiation Dose Management Market, 2025

5.11 South America Pacific Radiation Dose Management Market Size Outlook by Type, 2021- 2030

5.12 South America Radiation Dose Management Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Radiation Dose Management Market, 2025

5.14 Middle East Africa Radiation Dose Management Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Radiation Dose Management Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Radiation Dose Management Market Size Outlook and Revenue Growth Forecasts

6.2 US Radiation Dose Management Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Radiation Dose Management Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Radiation Dose Management Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Radiation Dose Management Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Radiation Dose Management Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Radiation Dose Management Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Radiation Dose Management Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Radiation Dose Management Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Radiation Dose Management Industry Drivers and Opportunities

- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Radiation Dose Management Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Radiation Dose Management Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Radiation Dose Management Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Radiation Dose Management Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Radiation Dose Management Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Radiation Dose Management Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Radiation Dose Management Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Radiation Dose Management Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Radiation Dose Management Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Radiation Dose Management Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Radiation Dose Management Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Radiation Dose Management Industry Drivers and Opportunities

7. RADIATION DOSE MANAGEMENT MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. RADIATION DOSE MANAGEMENT COMPANY PROFILES

- 8.1 Profiles of Leading Radiation Dose Management Companies in the Market
 - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
 - 8.3 Financial Performance and Key Metrics
- Agfa HealthCare

Bayer AG
Bracco Imaging S.p.A.
Canon Inc
Dedalus S.p.A.
Fortive Corp
FUJIFILM Holdings Corp
GE Healthcare
Guerbet SA
Imalogix LLC
INFINITT Healthcare Co. Ltd
Landauer Inc
Medic Vision Imaging Solutions Ltd
Medic Vision Imaging Solutions Ltd
Medsquare SAS
Mirion Technologies Inc
Nanjing Perlove Medical Equipment Co. Ltd
Novarad Corp
PACSHealth LLC
Philips Healthcare
Polimaster Ltd
Qaelum N.V.
Sectra AB
Siemens Healthineers
Volpara Health Technologies Ltd.

9. APPENDIX

9.1 Scope of the Report
9.2 Research Methodology and Data Sources
9.3 Glossary of Terms
9.4 Market Definitions
9.5 Contact Information

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