

Surgical Imaging Market Size, Trends, Analysis, and Outlook By Technology (Magnetic resonance imaging, Computed Tomography, C-Arm, Ultrasound, Others), By Application (Cardiac Surgery, Neurosurgery, Orthopedic Surgery, Gastrointestinal Surgery, Others), by Country, Segment, and Companies, 2024-2032

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Abstracts

The global Surgical Imaging market size is poised to register 6.5% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Surgical Imaging market across By Technology (Magnetic resonance imaging, Computed Tomography, C-Arm, Ultrasound, Others), By Application (Cardiac Surgery, Neurosurgery, Orthopedic Surgery, Gastrointestinal Surgery, Others)

In the Surgical Imaging market, the increasing demand for minimally invasive surgical techniques and real-time intraoperative visualization is driving innovation in surgical imaging systems for improved surgical guidance, precision, and outcomes. Surgical imaging encompasses a range of modalities, including fluoroscopy, computed tomography (CT), magnetic resonance imaging (MRI), ultrasound, and intraoperative imaging systems, aimed at providing high-resolution, three-dimensional visualization of anatomical structures and pathological processes during surgery. With the growing complexity of surgical procedures, the need for accurate anatomical localization, and the demand for less invasive approaches, there is a rising need for surgical imaging systems that offer versatility, image quality, and real-time feedback for surgical decision-making and patient safety. Further, advancements in imaging technology, image-guided navigation, and integration with surgical instruments are driving market growth by

enabling more precise and efficient surgical interventions across various specialties. By 2030, the market is expected to witness substantial expansion as healthcare providers and medical device manufacturers invest in surgical imaging solutions to enhance surgical planning, navigation, and outcomes, ultimately improving patient care and reducing healthcare costs.

Surgical Imaging 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 Surgical Imaging market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Surgical Imaging 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 Surgical Imaging industry.

Key market trends defining the global Surgical Imaging 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.

Surgical Imaging Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Surgical Imaging 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 Surgical Imaging companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Surgical Imaging industry

Leading Surgical Imaging 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 Surgical Imaging companies.

Surgical Imaging Market Study- Strategic Analysis Review

The Surgical Imaging 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.

Surgical Imaging Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Surgical Imaging 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.

Surgical Imaging 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 Surgical Imaging 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 Surgical Imaging market segments. Similarly, Strong market demand is encouraging Canadian Surgical Imaging companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Surgical Imaging market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Surgical Imaging Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Surgical Imaging 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 Surgical Imaging 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 Surgical Imaging 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 Surgical Imaging in Asia Pacific. In particular, China, India, and South East Asian Surgical Imaging 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 Surgical Imaging 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 Surgical Imaging 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 Surgical Imaging market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Surgical Imaging.

Surgical Imaging Market Company Profiles

The global Surgical Imaging 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 Canon Medical Systems Corp, GE Healthcare, Geonoray Co. Ltd, Hologic Inc, Koninklijke Philips N.V., Medtronic plc, Orthoscan Inc, Shimadzu Corp, Siemens AG, Ziehm Imaging GmbH.

Recent Surgical Imaging Market Developments

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

Surgical Imaging 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 Technology

Magnetic resonance imaging

Computed Tomography

C-Arm

Ultrasound

Others

By Application

Cardiac Surgery

Neurosurgery

Orthopedic Surgery

Gastrointestinal Surgery

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Canon Medical Systems Corp

GE Healthcare

Geonoray Co. Ltd

Hologic Inc

Koninklijke Philips N.V.

Medtronic plc

Orthoscan Inc

Shimadzu Corp

Siemens AG

Ziehm Imaging GmbH

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

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

2. SURGICAL IMAGING MARKET SIZE OUTLOOK TO 2030

- 2.1 Surgical Imaging Market Size Outlook, USD Million, 2021- 2030
- 2.2 Surgical Imaging Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. SURGICAL IMAGING 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. SURGICAL IMAGING MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - By Technology
 - Magnetic resonance imaging
 - Computed Tomography
 - C-Arm

Ultrasound

Others

By Application

Cardiac Surgery

Neurosurgery

Orthopedic Surgery

Gastrointestinal Surgery

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 Surgical Imaging Market, 2025

5.2 Asia Pacific Surgical Imaging Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Surgical Imaging Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Surgical Imaging Market, 2025

5.5 Europe Surgical Imaging Market Size Outlook by Type, 2021- 2030

5.6 Europe Surgical Imaging Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Surgical Imaging Market, 2025

5.8 North America Surgical Imaging Market Size Outlook by Type, 2021- 2030

5.9 North America Surgical Imaging Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Surgical Imaging Market, 2025

5.11 South America Pacific Surgical Imaging Market Size Outlook by Type, 2021- 2030

5.12 South America Surgical Imaging Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Surgical Imaging Market, 2025

5.14 Middle East Africa Surgical Imaging Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Surgical Imaging Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Surgical Imaging Market Size Outlook and Revenue Growth Forecasts

6.2 US Surgical Imaging Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Surgical Imaging Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Surgical Imaging Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

- 6.8 Germany Surgical Imaging Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Surgical Imaging Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Surgical Imaging Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Surgical Imaging Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Surgical Imaging Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Surgical Imaging Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Surgical Imaging Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Surgical Imaging Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Surgical Imaging Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Surgical Imaging Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Surgical Imaging Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Surgical Imaging Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Surgical Imaging Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Surgical Imaging Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Surgical Imaging Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Surgical Imaging Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Surgical Imaging Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Surgical Imaging Industry Drivers and Opportunities

7. SURGICAL IMAGING MARKET OUTLOOK ACROSS SCENARIOS

7.1 Low Growth Case

7.2 Reference Growth Case

7.3 High Growth Case

8. SURGICAL IMAGING COMPANY PROFILES

8.1 Profiles of Leading Surgical Imaging Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

Canon Medical Systems Corp

GE Healthcare

Geonoray Co. Ltd

Hologic Inc

Koninklijke Philips N.V.

Medtronic plc

Orthoscan Inc

Shimadzu Corp

Siemens AG

Ziehm Imaging GmbH.

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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