

Global AI Enabled Medical Imaging Solutions Market Size Study and Forecast by Product (Software, Hardware), By Modality (Computed Tomography, Magnetic Resonance, X Ray, Ultrasound, Mammography, Multimodality Imaging Systems), By Technology (Deep Learning, Natural Language Processing , Computer Vision), By Application, By Industry Vertical, and Regional Forecasts 2026-2036

<https://marketpublishers.com/r/G9AC9B7FF3EEEN.html>

Date: June 2026

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: G9AC9B7FF3EEEN

Abstracts

Market Definition and Overview

The global market size of AI enabled medical imaging solutions was valued at USD 3.10 billion in 2025 and is expected to reach USD 61.47 billion by 2036, expanding at a CAGR of 31.20% during the forecast years. Medical imaging is witnessing a period of transformation driven by algorithms. Radiology departments are increasingly reliant on artificial intelligence for better image acquisition, automation of interpretation workflows, reduction in reporting delays, and improved diagnostic accuracy. Healthcare providers are experiencing increasing volumes of imaging, higher prevalence of chronic diseases, and ongoing shortages of trained radiologists. These pressures have accelerated investments in AI enabled imaging software and intelligent hardware systems.

To date, cutting-edge computer vision algorithms are being adopted across CT, MRI, X-ray, mammography and ultrasound platforms by healthcare systems. Vendors are increasingly embedding AI capabilities directly into imaging equipment to enable real time decision support and workflow orchestration. Regulatory agencies have also increased approvals for AI based imaging applications to support commercial adoption.

In 2024 reports of the World Health Organisation (WHO), cancer accounted for nearly 10 million deaths globally, highlighting demand for early diagnostic technologies. Concurrently, healthcare organizations are seeking operational efficiency gains via automation and predictive analytics, strengthening the business case for AI enabled imaging solutions across clinical settings.

Market Definition

The AI Enabled Medical Imaging Solutions Market includes software platforms, intelligent imaging hardware, algorithmic diagnostic tools, image analysis systems, and workflow optimization solutions that leverage artificial intelligence technologies for medical imaging procedures. These solutions utilize deep learning, machine learning, computer vision, and natural language processing techniques to analyse medical images, identify abnormalities, support clinical decision-making, and enhance operational efficiency. The market caters to a wide range of healthcare stakeholders, including hospitals, diagnostic imaging centers, healthcare payers, pharmaceutical companies, biotechnology organizations, clinicians, and patients. Applications span oncology, neurology, cardiology, orthopaedics, respiratory care, and preventive screening programs. AI enabled imaging solutions are used for disease detection, lesion characterization, image reconstruction, triage prioritization, treatment planning, and population health management. The generation of commercial value is increasingly driven by enhanced diagnostic accuracy, reduced interpretation times, lower operational costs, and improved patient outcomes. As healthcare systems place a greater emphasis on precision medicine and data-driven clinical pathways, AI enabled medical imaging solutions are further cementing their position in modern diagnostic infrastructure.

Research Scope and Methodology

Research Scope

This report evaluates the global AI Enabled Medical Imaging Solutions Market across product categories, imaging modalities, technology frameworks, clinical applications, industry verticals, and regional markets. The analysis covers software developers, imaging equipment manufacturers, cloud infrastructure providers, healthcare institutions, regulatory stakeholders, and technology integrators operating across the value chain.

The report assesses market demand patterns, investment flows, technological innovation, commercialization strategies, competitive positioning, reimbursement

developments, and regulatory frameworks influencing market expansion through 2036.

Research Methodology

The research methodology combines extensive secondary research and systematic primary validation with industry stakeholders. Analysts studied company annual reports, regulatory filings, healthcare databases, government publications, clinical research studies, imaging utilization data and technology commercialization records.

The primary interviews included executives from imaging equipment manufacturers, AI software providers, healthcare systems, radiologists, diagnostic center operators, healthcare payers and industry consultants. The research framework explored technology adoption rates, procurement trends, reimbursement environments, regulatory approvals, investment activities and competitive dynamics.

Market estimates were derived using bottom-up and top-down modeling techniques. Revenue mapping incorporated regional healthcare expenditure patterns, imaging procedure volumes, AI uptake rates, software adoption trends and infrastructure investments. Demand and supply side evaluations were triangulated to ensure consistency. Forecast modelling considered technological readiness, regulatory evolution, healthcare digitization efforts, demographic changes, disease burden trends and capital investment pathways that are affecting market growth through to 2036.

Key Market Segments

By Product:

Software

Hardware

By Modality:

Computed Tomography (CT)

Magnetic Resonance (MR)

X Ray

Ultrasound

Mammography

Multimodality Imaging Systems

Others

By Technology:

Deep Learning

Natural Language Processing (NLP)

Computer Vision

Others

By Application:

Breast Imaging

Respiratory and Pulmonary

Neurology

Orthopaedics

Other

By Industry Vertical:

Hospital and Healthcare Providers

Patients

Pharmaceuticals and Biotechnology Companies

Healthcare Payers

Others

Industry Trends

The use of AI-enabled medical imaging has moved from experimental deployment to enterprise-scale implementation. Hospitals are increasingly seeking solutions that improve productivity and help address workforce shortages. At the same time, imaging volumes in radiology departments continue to rise, creating strong demand for automated image interpretation platforms.

Deep learning architectures are significantly improving diagnostic sensitivity across multiple clinical areas, including cancer detection, neurological assessment, pulmonary disease screening, and musculoskeletal imaging. These advancements are strengthening the clinical value proposition of AI-powered imaging solutions and expanding their adoption across healthcare settings.

Vendors are increasingly embedding AI capabilities directly into imaging equipment rather than offering stand-alone software applications. This integrated approach simplifies deployment, reduces workflow disruptions, and supports greater clinical acceptance among healthcare professionals.

Another major trend is the emergence of cloud-native imaging platforms. Healthcare providers are transitioning toward centralised image management systems that enable remote diagnostics, collaborative interpretation, and scalable AI deployments. These platforms reduce infrastructure complexity while improving access to advanced analytics capabilities.

Regulatory momentum continues to support market expansion. Health authorities across North America, Europe, and the Asia Pacific have accelerated approvals for AI-based diagnostic applications. Greater regulatory clarity is improving investor confidence and enabling faster procurement decisions among healthcare providers.

Healthcare organisations are increasingly prioritising workflow intelligence over isolated

diagnostic tools. As a result, vendors are focusing on end-to-end imaging ecosystems that automate scheduling, image acquisition, interpretation, reporting, and follow-up recommendations, thereby enhancing operational efficiency throughout the imaging workflow.

Generative AI is creating new opportunities across radiology reporting, clinical documentation, and imaging workflow automation. Natural language processing solutions are gaining traction for report generation, quality assurance, and physician communication, helping streamline administrative and clinical processes.

The market is also benefiting from the growing emphasis on precision medicine. Clinicians are increasingly seeking imaging biomarkers, predictive analytics, and personalised treatment insights. AI-powered platforms are enabling advanced image quantification and longitudinal disease monitoring, supporting more individualised patient care.

Strategic partnerships are reshaping the competitive landscape. Imaging equipment manufacturers are collaborating with software developers, cloud service providers, and healthcare institutions to accelerate innovation. These partnerships expand access to clinical datasets and strengthen algorithm development efforts.

Investment activity remains concentrated in high-value clinical segments such as oncology, breast imaging, neurology, and pulmonary applications. Rising global cancer incidence, as highlighted in 2024 reports from the International Agency for Research on Cancer (IARC), continues to reinforce demand for advanced diagnostic imaging technologies.

Emerging markets are becoming increasingly attractive growth opportunities. Governments are investing in healthcare digitisation initiatives, expanding diagnostic infrastructure, and supporting AI-readiness programs. These developments are encouraging broader adoption of intelligent imaging solutions beyond established healthcare economies.

Key Findings of the Report

Market Size (2025): USD 3.10 Billion

Forecast Market Size (2036): USD 61.47 Billion

CAGR (2026-2036): 31.20 %

Leading Regional Market: North America

Fastest Growing Regional Market: Asia Pacific

Leading Product Segment: Software

Leading Technology Segment: Deep Learning

Market Determinants

Rising Diagnostic Imaging Volumes

Healthcare systems perform increasing numbers of imaging procedures annually. Growing disease prevalence, ageing populations, and preventive screening programs continue to expand imaging demand. AI solutions help providers manage escalating workloads efficiently.

Radiologist Workforce Constraints

Many healthcare systems face shortages of experienced radiologists. AI-driven image analysis reduces interpretation burdens and supports faster clinical decision-making. This operational necessity strengthens market demand.

Expansion of Precision Medicine

Healthcare providers increasingly pursue personalised treatment pathways. Advanced imaging analytics support disease characterisation, treatment monitoring, and predictive assessment. AI technologies enable the scalable implementation of precision medicine initiatives.

Regulatory Support for AI Diagnostics

Regulatory approvals provide commercial validation for imaging algorithms. Clear approval pathways reduce adoption uncertainty and encourage healthcare organisations to invest in AI-enabled diagnostic infrastructure.

Data Privacy and Integration Challenges

Healthcare organizations continue facing concerns regarding patient data security, interoperability, and system integration. Complex deployment environments can delay implementation timelines and increase operational costs.

Clinical Validation Requirements

Healthcare providers require extensive clinical evidence before adopting diagnostic technologies. Vendors must invest significantly in validation studies, regulatory compliance, and post market monitoring activities.

Opportunity Mapping Based on Market Trends

AI-Driven Cancer Screening Platforms

Growing emphasis on early cancer detection creates substantial opportunities across mammography, lung cancer screening, and oncology imaging applications. Investment momentum increasingly favours clinically validated screening solutions.

Emerging Market Healthcare Digitisation

Asia Pacific, Latin America, and Middle Eastern healthcare systems continue expanding digital infrastructure. These investments create favourable conditions for AI-enabled imaging deployment.

Cloud-Based Imaging Ecosystems

Healthcare organisations increasingly seek scalable cloud architectures. Vendors offering integrated cloud imaging platforms can capture significant value through subscription-driven business models.

Pharmaceutical Imaging Analytics

Drug developers increasingly utilise imaging biomarkers in clinical trials. AI-enabled imaging platforms support patient stratification, treatment monitoring, and trial optimisation activities.

Value-Creating Segments and Growth Pockets

By Product

The market is segmented into Software and Hardware. Currently, Software dominates the market with an estimated 63.4% share in 2025. Current leadership stems from rapid deployment flexibility, recurring revenue models, lower implementation costs, continuous algorithm upgrades, and broad applicability across imaging workflows. Commercial adoption remains strongest among healthcare providers seeking operational efficiency without major equipment replacement.

Hardware is expected to register the fastest CAGR of 17.8% during 2026-2036. Future growth is supported by increasing integration of embedded AI capabilities within imaging equipment, replacement cycles, premium imaging system demand, and technological advancements in intelligent diagnostic platforms.

By Modality

The market is segmented into Computed Tomography (CT), Magnetic Resonance (MR), X-ray, Ultrasound, Mammography, Multimodality Imaging Systems, and Others. Currently, Computed Tomography dominates the market with an estimated 28.6% share in 2025. Leadership reflects high imaging volumes, extensive emergency care utilisation, strong oncology applications, and large installed equipment bases.

Mammography is expected to register the fastest CAGR of 18.9% during 2026-2036. Growth acceleration is supported by expanding breast cancer screening programs, regulatory support for early detection, increasing AI accuracy, and growing awareness initiatives.

By Technology

The market is segmented into Deep Learning, Natural Language Processing, Computer Vision, and Others. Currently, Deep Learning dominates the market with an estimated 52.7% share in 2025. Leadership stems from superior image recognition performance, extensive clinical validation, scalable deployment, and broad application across imaging modalities.

Natural Language Processing is expected to register the fastest CAGR of 19.6% during 2026-2036. Investment momentum increasingly favours automated reporting, documentation optimisation, workflow orchestration, and generative AI-enabled clinical

applications.

By Application

The market is segmented into Breast Imaging, Respiratory and Pulmonary, Neurology, Orthopaedics, and Other. Currently, Neurology dominates the market with an estimated 31.2% share in 2025. Leadership reflects high imaging intensity, stroke management requirements, neurodegenerative disease diagnosis, and advanced MRI utilisation.

Breast Imaging is expected to register the fastest CAGR of 20.4% during 2026-2036. Future growth is supported by population screening programs, increasing cancer incidence, regulatory encouragement, and continuous algorithm improvements.

By Industry Vertical

The market is segmented into Hospital and Healthcare Providers, Patients, Pharmaceuticals and Biotechnology Companies, Healthcare Payers, and Others. Currently, Hospital and Healthcare Providers dominate the market with an estimated 61.8% share in 2025. Current leadership stems from direct imaging ownership, procurement authority, workflow integration requirements, and reimbursement-driven utilisation.

Pharmaceuticals and Biotechnology Companies are expected to register the fastest CAGR of 18.3% during 2026-2036. Growth is supported by expanding use of imaging biomarkers, precision medicine research, and AI-assisted clinical trial programs.

Regional Market Assessment

North America

North America dominates the global AI Enabled Medical Imaging Solutions Market with an estimated 38.9% share in 2025. Regional leadership reflects advanced healthcare infrastructure, high diagnostic imaging utilisation, strong reimbursement systems, and significant AI investment activity. The United States remains the primary revenue contributor due to extensive adoption of digital health technologies and favourable commercialisation environments. Regulatory approvals continue to support clinical deployment. Academic medical centres actively collaborate with technology developers, accelerating innovation and validation efforts. Strong venture capital participation and established healthcare IT ecosystems further strengthen regional competitiveness.

Europe

Europe maintains a substantial market position through strong public healthcare systems, growing radiology modernisation initiatives, and increasing adoption of AI-supported diagnostics. Regional demand benefits from ageing populations and rising chronic disease prevalence. Healthcare providers increasingly deploy AI solutions to address workforce shortages and improve operational efficiency. Regulatory frameworks support responsible AI adoption while emphasising clinical safety and transparency. Germany, France, and the United Kingdom remain leading markets due to advanced healthcare infrastructure and digital transformation investments.

Asia Pacific

Asia Pacific is expected to register the fastest CAGR of 19.8% during 2026-2036. Growth acceleration stems from expanding healthcare expenditure, rapid hospital construction, increasing diagnostic imaging demand, and government-supported digital health programs. China, Japan, South Korea, and India continue investing heavily in AI innovation and healthcare modernisation. Large patient populations create substantial demand for scalable diagnostic solutions. Infrastructure development, rising medical tourism activity, and improving healthcare accessibility further strengthen long-term market prospects.

LAMEA

The LAMEA region presents emerging growth opportunities driven by healthcare infrastructure expansion and increasing technology investments. Middle Eastern countries continue prioritising healthcare diversification and smart hospital development. Latin American healthcare providers increasingly pursue digital transformation strategies to improve service delivery and diagnostic efficiency. African markets remain at earlier stages of adoption, although government modernisation initiatives and international healthcare investments create favourable long-term conditions. Strategic partnerships with global technology providers continue supporting regional market development.

Recent Developments

January 2025: Siemens Healthineers expanded AI-powered imaging capabilities across its radiology portfolio. The initiative strengthens workflow automation and reflects

increasing demand for integrated diagnostic ecosystems.

September 2024: GE HealthCare launched advanced AI applications supporting oncology and cardiovascular imaging. The development strengthens clinical decision support capabilities and aligns with precision medicine adoption trends.

June 2024: Philips expanded strategic collaborations with healthcare providers to accelerate AI-enabled radiology deployment. The initiative enhances enterprise imaging capabilities and supports workflow optimisation objectives.

March 2024: Aidoc announced additional investments in clinical AI solutions for acute care imaging applications. The development strengthens diagnostic prioritisation capabilities and reflects broader demand for real-time clinical decision support tools.

Critical Business Questions Addressed

How large is the addressable market opportunity through 2036?

The report evaluates revenue potential, technology adoption trajectories, and regional demand patterns shaping long-term value creation.

Which market segments offer the strongest investment returns?

The study identifies dominant revenue contributors and emerging growth pockets across products, technologies, applications, and end users.

What factors will determine competitive leadership?

The analysis examines innovation capabilities, regulatory positioning, clinical validation strength, and ecosystem partnerships.

How will healthcare digitisation influence adoption patterns?

The report assesses the impact of cloud platforms, workflow automation, interoperability requirements, and AI integration strategies.

Which regional markets should stakeholders prioritise?

The study evaluates market attractiveness based on infrastructure readiness, policy

support, healthcare expenditure, and investment activity.

Beyond the Forecast

AI-enabled medical imaging is evolving from diagnostic assistance toward comprehensive clinical intelligence platforms integrated across healthcare workflows.

Competitive advantage will increasingly depend on algorithm performance, regulatory credibility, interoperability capabilities, and access to high-quality clinical datasets.

Market leaders will build value through ecosystem orchestration, platform scalability, and measurable clinical outcomes rather than standalone imaging algorithms.

Contents

CHAPTER 1. GLOBAL AI-ENABLED MEDICAL IMAGING SOLUTIONS MARKET REPORT SCOPE & METHODOLOGY

- 1.1. Market Definition
- 1.2. Market Segmentation
- 1.3. Research Assumption
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
- 1.4. Research Objective
- 1.5. Research Methodology
 - 1.5.1. Forecast Model
 - 1.5.2. Desk Research
 - 1.5.3. Top Down and Bottom-Up Approach
- 1.6. Research Attributes
- 1.7. Years Considered for the Study

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Snapshot
- 2.2. Strategic Insights
- 2.3. Top Findings
- 2.4. CEO/CXO Standpoint
- 2.5. ESG Analysis

CHAPTER 3. GLOBAL AI-ENABLED MEDICAL IMAGING SOLUTIONS MARKET FORCES ANALYSIS

- 3.1. Market Forces Shaping The Global AI-Enabled Medical Imaging Solutions Market (2025-2036)
- 3.2. Drivers
 - 3.2.1. Rising Demand for Early and Accurate Disease Diagnosis
 - 3.2.2. Increasing Medical Imaging Volume and Radiologist Shortage
 - 3.2.3. Advancements in Deep Learning and Computer Vision Technologies
 - 3.2.4. Growing Investments and Regulatory Support for AI Healthcare Applications
- 3.3. Restraints
 - 3.3.1. Data Privacy, Security, and Regulatory Compliance Challenges
 - 3.3.2. High Implementation Costs and Integration Complexity

3.4. Opportunities

- 3.4.1. Expansion of AI Imaging Applications in Emerging Healthcare Markets
- 3.4.2. Development of Multimodal and Predictive Imaging Platforms

CHAPTER 4. GLOBAL AI-ENABLED MEDICAL IMAGING SOLUTIONS INDUSTRY ANALYSIS

- 4.1. Porter's 5 Forces Model
- 4.2. Porter's 5 Force Forecast Model (2025-2036)
- 4.3. PESTEL Analysis
- 4.4. Macroeconomic Industry Trends
 - 4.4.1. Parent Market Trends
 - 4.4.2. GDP Trends & Forecasts
- 4.5. Value Chain Analysis
- 4.6. Top Investment Trends & Forecasts
- 4.7. Top Winning Strategies (2025)
- 4.8. Market Share Analysis (2025)
- 4.9. Pricing Analysis
- 4.10. Investment & Funding Scenario
- 4.11. Impact of Geopolitical & Trade Policy Volatility on the Market

CHAPTER 5. AI ADOPTION TRENDS AND MARKET INFLUENCE

- 5.1. AI Readiness Index
- 5.2. Key Emerging Technologies
- 5.3. Patent Analysis
- 5.4. Top Case Studies

CHAPTER 6. GLOBAL AI-ENABLED MEDICAL IMAGING SOLUTIONS MARKET SIZE & FORECASTS BY PRODUCT 2025-2036

- 6.1. Market Overview
- 6.2. Global AI-Enabled Medical Imaging Solutions Market Performance - Potential Analysis (2025)
- 6.3. Software
 - 6.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 6.3.2. Market size analysis, by region, 2025-2036
- 6.4. Headwear
 - 6.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

6.4.2. Market size analysis, by region, 2025-2036

CHAPTER 7. GLOBAL AI-ENABLED MEDICAL IMAGING SOLUTIONS MARKET SIZE & FORECASTS BY MODALITY 2025-2036

7.1. Market Overview

7.2. Global AI-Enabled Medical Imaging Solutions Market Performance - Potential Analysis (2025)

7.3. Computed Tomography (CT)

7.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

7.3.2. Market size analysis, by region, 2025-2036

7.4. Magnetic Resonance (MR)

7.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

7.4.2. Market size analysis, by region, 2025-2036

7.5. X-Ray; Ultrasound

7.5.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

7.5.2. Market size analysis, by region, 2025-2036

7.6. Mammography

7.6.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

7.6.2. Market size analysis, by region, 2025-2036

7.7. Multimodality Imaging Systems

7.7.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

7.7.2. Market size analysis, by region, 2025-2036

7.8. Others

7.8.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

7.8.2. Market size analysis, by region, 2025-2036

CHAPTER 8. GLOBAL AI-ENABLED MEDICAL IMAGING SOLUTIONS MARKET SIZE & FORECASTS BY TECHNOLOGY 2025-2036

8.1. Market Overview

8.2. Global AI-Enabled Medical Imaging Solutions Market Performance - Potential Analysis (2025)

8.3. Deep Learning

8.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

8.3.2. Market size analysis, by region, 2025-2036

8.4. Natural Language Processing (NLP)

8.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

8.4.2. Market size analysis, by region, 2025-2036

8.5. Computer Vision

8.5.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

8.5.2. Market size analysis, by region, 2025-2036

8.6. Others

8.6.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

8.6.2. Market size analysis, by region, 2025-2036

CHAPTER 9. GLOBAL AI-ENABLED MEDICAL IMAGING SOLUTIONS MARKET SIZE & FORECASTS BY APPLICATION 2025-2036

9.1. Market Overview

9.2. Global AI-Enabled Medical Imaging Solutions Market Performance - Potential Analysis (2025)

9.3. Breast Imaging

9.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

9.3.2. Market size analysis, by region, 2025-2036

9.4. Respiratory And Pulmonary

9.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

9.4.2. Market size analysis, by region, 2025-2036

9.5. Neurology

9.5.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

9.5.2. Market size analysis, by region, 2025-2036

9.6. Orthopaedics

9.6.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

9.6.2. Market size analysis, by region, 2025-2036

9.7. Others

9.7.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

9.7.2. Market size analysis, by region, 2025-2036

CHAPTER 10. GLOBAL AI-ENABLED MEDICAL IMAGING SOLUTIONS MARKET SIZE & FORECASTS BY INDUSTRY VERTICAL 2025-2036

10.1. Market Overview

10.2. Global AI-Enabled Medical Imaging Solutions Market Performance - Potential Analysis (2025)

10.3. Hospital & Healthcare Providers

10.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036

10.3.2. Market size analysis, by region, 2025-2036

10.4. Patients

- 10.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
- 10.4.2. Market size analysis, by region, 2025-2036
- 10.5. Pharmaceuticals & Biotechnology Companies
 - 10.5.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 10.5.2. Market size analysis, by region, 2025-2036
- 10.6. Healthcare Payers
 - 10.6.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 10.6.2. Market size analysis, by region, 2025-2036
- 10.7. Others
 - 10.7.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 10.7.2. Market size analysis, by region, 2025-2036

CHAPTER 11. GLOBAL AI-ENABLED MEDICAL IMAGING SOLUTIONS MARKET SIZE & FORECASTS BY REGION 2025-2036

- 11.1. Growth AI-Enabled Medical Imaging Solutions Market, Regional Market Snapshot
- 11.2. Top Leading & Emerging Countries
- 11.3. North America AI-Enabled Medical Imaging Solutions Market
 - 11.3.1. U.S. AI-Enabled Medical Imaging Solutions Market
 - 11.3.1.1. Product breakdown size & forecasts, 2025-2036
 - 11.3.1.2. Modality breakdown size & forecasts, 2025-2036
 - 11.3.1.3. Technology breakdown size & forecasts, 2025-2036
 - 11.3.1.4. Application breakdown size & forecasts, 2025-2036
 - 11.3.1.5. Industry Vertical breakdown size & forecasts, 2025-2036
 - 11.3.2. Canada AI-Enabled Medical Imaging Solutions Market
 - 11.3.2.1. Product breakdown size & forecasts, 2025-2036
 - 11.3.2.2. Modality breakdown size & forecasts, 2025-2036
 - 11.3.2.3. Technology breakdown size & forecasts, 2025-2036
 - 11.3.2.4. Application breakdown size & forecasts, 2025-2036
 - 11.3.2.5. Industry Vertical breakdown size & forecasts, 2025-2036
- 11.4. Europe AI-Enabled Medical Imaging Solutions Market
 - 11.4.1. UK AI-Enabled Medical Imaging Solutions Market
 - 11.4.1.1. Product breakdown size & forecasts, 2025-2036
 - 11.4.1.2. Modality breakdown size & forecasts, 2025-2036
 - 11.4.1.3. Technology breakdown size & forecasts, 2025-2036
 - 11.4.1.4. Application breakdown size & forecasts, 2025-2036
 - 11.4.1.5. Industry Vertical breakdown size & forecasts, 2025-2036
 - 11.4.2. Germany AI-Enabled Medical Imaging Solutions Market
 - 11.4.2.1. Product breakdown size & forecasts, 2025-2036

- 11.4.2.2. Modality breakdown size & forecasts, 2025-2036
- 11.4.2.3. Technology breakdown size & forecasts, 2025-2036
- 11.4.2.4. Application breakdown size & forecasts, 2025-2036
- 11.4.2.5. Industry Vertical breakdown size & forecasts, 2025-2036
- 11.4.3. France AI-Enabled Medical Imaging Solutions Market
 - 11.4.3.1. Product breakdown size & forecasts, 2025-2036
 - 11.4.3.2. Modality breakdown size & forecasts, 2025-2036
 - 11.4.3.3. Technology breakdown size & forecasts, 2025-2036
 - 11.4.3.4. Application breakdown size & forecasts, 2025-2036
 - 11.4.3.5. Industry Vertical breakdown size & forecasts, 2025-2036
- 11.4.4. Spain AI-Enabled Medical Imaging Solutions Market
 - 11.4.4.1. Product breakdown size & forecasts, 2025-2036
 - 11.4.4.2. Modality breakdown size & forecasts, 2025-2036
 - 11.4.4.3. Technology breakdown size & forecasts, 2025-2036
 - 11.4.4.4. Application breakdown size & forecasts, 2025-2036
 - 11.4.4.5. Industry Vertical breakdown size & forecasts, 2025-2036
- 11.4.5. Italy AI-Enabled Medical Imaging Solutions Market
 - 11.4.5.1. Product breakdown size & forecasts, 2025-2036
 - 11.4.5.2. Modality breakdown size & forecasts, 2025-2036
 - 11.4.5.3. Technology breakdown size & forecasts, 2025-2036
 - 11.4.5.4. Application breakdown size & forecasts, 2025-2036
 - 11.4.5.5. Industry Vertical breakdown size & forecasts, 2025-2036
- 11.4.6. Rest of Europe AI-Enabled Medical Imaging Solutions Market
 - 11.4.6.1. Product breakdown size & forecasts, 2025-2036
 - 11.4.6.2. Modality breakdown size & forecasts, 2025-2036
 - 11.4.6.3. Technology breakdown size & forecasts, 2025-2036
 - 11.4.6.4. Application breakdown size & forecasts, 2025-2036
 - 11.4.6.5. Industry Vertical breakdown size & forecasts, 2025-2036
- 11.5. Asia Pacific AI-Enabled Medical Imaging Solutions Market
 - 11.5.1. China AI-Enabled Medical Imaging Solutions Market
 - 11.5.1.1. Product breakdown size & forecasts, 2025-2036
 - 11.5.1.2. Modality breakdown size & forecasts, 2025-2036
 - 11.5.1.3. Technology breakdown size & forecasts, 2025-2036
 - 11.5.1.4. Application breakdown size & forecasts, 2025-2036
 - 11.5.1.5. Industry Vertical breakdown size & forecasts, 2025-2036
 - 11.5.2. India AI-Enabled Medical Imaging Solutions Market
 - 11.5.2.1. Product breakdown size & forecasts, 2025-2036
 - 11.5.2.2. Modality breakdown size & forecasts, 2025-2036
 - 11.5.2.3. Technology breakdown size & forecasts, 2025-2036

- 11.5.2.4. Application breakdown size & forecasts, 2025-2036
- 11.5.2.5. Industry Vertical breakdown size & forecasts, 2025-2036
- 11.5.3. Japan AI-Enabled Medical Imaging Solutions Market
 - 11.5.3.1. Product breakdown size & forecasts, 2025-2036
 - 11.5.3.2. Modality breakdown size & forecasts, 2025-2036
 - 11.5.3.3. Technology breakdown size & forecasts, 2025-2036
 - 11.5.3.4. Application breakdown size & forecasts, 2025-2036
 - 11.5.3.5. Industry Vertical breakdown size & forecasts, 2025-2036
- 11.5.4. Australia AI-Enabled Medical Imaging Solutions Market
 - 11.5.4.1. Product breakdown size & forecasts, 2025-2036
 - 11.5.4.2. Modality breakdown size & forecasts, 2025-2036
 - 11.5.4.3. Technology breakdown size & forecasts, 2025-2036
 - 11.5.4.4. Application breakdown size & forecasts, 2025-2036
 - 11.5.4.5. Industry Vertical breakdown size & forecasts, 2025-2036
- 11.5.5. South Korea AI-Enabled Medical Imaging Solutions Market
 - 11.5.5.1. Product breakdown size & forecasts, 2025-2036
 - 11.5.5.2. Modality breakdown size & forecasts, 2025-2036
 - 11.5.5.3. Technology breakdown size & forecasts, 2025-2036
 - 11.5.5.4. Application breakdown size & forecasts, 2025-2036
 - 11.5.5.5. Industry Vertical breakdown size & forecasts, 2025-2036
- 11.5.6. Rest of APAC AI-Enabled Medical Imaging Solutions Market
 - 11.5.6.1. Product breakdown size & forecasts, 2025-2036
 - 11.5.6.2. Modality breakdown size & forecasts, 2025-2036
 - 11.5.6.3. Technology breakdown size & forecasts, 2025-2036
 - 11.5.6.4. Application breakdown size & forecasts, 2025-2036
 - 11.5.6.5. Industry Vertical breakdown size & forecasts, 2025-2036
- 11.6. Latin America AI-Enabled Medical Imaging Solutions Market
 - 11.6.1. Brazil AI-Enabled Medical Imaging Solutions Market
 - 11.6.1.1. Product breakdown size & forecasts, 2025-2036
 - 11.6.1.2. Modality breakdown size & forecasts, 2025-2036
 - 11.6.1.3. Technology breakdown size & forecasts, 2025-2036
 - 11.6.1.4. Application breakdown size & forecasts, 2025-2036
 - 11.6.1.5. Industry Vertical breakdown size & forecasts, 2025-2036
 - 11.6.2. Mexico AI-Enabled Medical Imaging Solutions Market
 - 11.6.2.1. Product breakdown size & forecasts, 2025-2036
 - 11.6.2.2. Modality breakdown size & forecasts, 2025-2036
 - 11.6.2.3. Technology breakdown size & forecasts, 2025-2036
 - 11.6.2.4. Application breakdown size & forecasts, 2025-2036
 - 11.6.2.5. Industry Vertical breakdown size & forecasts, 2025-2036

11.7. Middle East and Africa AI-Enabled Medical Imaging Solutions Market

11.7.1. UAE AI-Enabled Medical Imaging Solutions Market

11.7.1.1. Product breakdown size & forecasts, 2025-2036

11.7.1.2. Modality breakdown size & forecasts, 2025-2036

11.7.1.3. Technology breakdown size & forecasts, 2025-2036

11.7.1.4. Application breakdown size & forecasts, 2025-2036

11.7.1.5. Industry Vertical breakdown size & forecasts, 2025-2036

11.7.2. Saudi Arabia (KSA) AI-Enabled Medical Imaging Solutions Market

11.7.2.1. Product breakdown size & forecasts, 2025-2036

11.7.2.2. Modality breakdown size & forecasts, 2025-2036

11.7.2.3. Technology breakdown size & forecasts, 2025-2036

11.7.2.4. Application breakdown size & forecasts, 2025-2036

11.7.2.5. Industry Vertical breakdown size & forecasts, 2025-2036

11.7.3. South Africa AI-Enabled Medical Imaging Solutions Market

11.7.3.1. Product breakdown size & forecasts, 2025-2036

11.7.3.2. Modality breakdown size & forecasts, 2025-2036

11.7.3.3. Technology breakdown size & forecasts, 2025-2036

11.7.3.4. Application breakdown size & forecasts, 2025-2036

11.7.3.5. Industry Vertical breakdown size & forecasts, 2025-2036

CHAPTER 12. COMPETITIVE INTELLIGENCE

12.1. Top Market Strategies

12.2. Arterys Inc.

12.2.1. Company Overview

12.2.2. Key Executives

12.2.3. Company Snapshot

12.2.4. Financial Performance (Subject to Data Availability)

12.2.5. Product/Services Port

12.2.6. Recent Development

12.2.7. Market Strategies

12.2.8. SWOT Analysis

12.3. Blackford Analysis Limited.

12.4. Beijing Infervision Technology Co., Ltd.

12.5. EnvoyAI

12.6. ContextVision AB

12.7. General Electric Company

12.8. Fujifilm Holdings Corporation

12.9. iCAD, Inc.

12.10. Nuance Communications, Inc.

12.11. Aidoc

List Of Tables

LIST OF TABLES

Table 1. Global AI-Enabled Medical Imaging Solutions Market, Report Scope

Table 2. Global AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts By Region 2025-2036

Table 3. Global AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts By Segment 2025-2036

Table 4. Global AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts By Segment 2025-2036

Table 5. Global AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts By Segment 2025-2036

Table 6. Global AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts By Segment 2025-2036

Table 7. Global AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts By Segment 2025-2036

Table 8. U.S. AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 9. Canada AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 10. UK AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 11. Germany AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 12. France AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 13. Spain AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 14. Italy AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 15. Rest Of Europe AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 16. China AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 17. India AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 18. Japan AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 19. Australia AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

Table 20. South Korea AI-Enabled Medical Imaging Solutions Market Estimates & Forecasts, 2025-2036

.....

List Of Figures

LIST OF FIGURES

Fig 1. Global AI-Enabled Medical Imaging Solutions Market, Research Methodology

Fig 2. Global AI-Enabled Medical Imaging Solutions Market, Market Estimation Techniques

Fig 3. Global Market Size Estimates & Forecast Methods

Fig 4. Global AI-Enabled Medical Imaging Solutions Market, Key Trends 2025

Fig 5. Global AI-Enabled Medical Imaging Solutions Market, Growth Prospects 2025-2036

Fig 6. Global AI-Enabled Medical Imaging Solutions Market, Porter's Five Forces Model

Fig 7. Global AI-Enabled Medical Imaging Solutions Market, Pestel Analysis

Fig 8. Global AI-Enabled Medical Imaging Solutions Market, Value Chain Analysis

Fig 9. AI-Enabled Medical Imaging Solutions Market By End-User, 2025 & 2036

Fig 10. AI-Enabled Medical Imaging Solutions Market By Segment, 2025 & 2036

Fig 11. AI-Enabled Medical Imaging Solutions Market By Segment, 2025 & 2036

Fig 12. AI-Enabled Medical Imaging Solutions Market By Segment, 2025 & 2036

Fig 13. AI-Enabled Medical Imaging Solutions Market By Segment, 2025 & 2036

Fig 14. North America AI-Enabled Medical Imaging Solutions Market, 2025 & 2036

Fig 15. Europe AI-Enabled Medical Imaging Solutions Market, 2025 & 2036

Fig 16. Asia Pacific AI-Enabled Medical Imaging Solutions Market, 2025 & 2036

Fig 17. Latin America AI-Enabled Medical Imaging Solutions Market, 2025 & 2036

Fig 18. Middle East & Africa AI-Enabled Medical Imaging Solutions Market, 2025 & 2036

Fig 19. Global AI-Enabled Medical Imaging Solutions Market, Company Market Share Analysis (2025)

.....

I would like to order

Product name: Global AI Enabled Medical Imaging Solutions Market Size Study and Forecast by Product (Software, Hardware), By Modality (Computed Tomography, Magnetic Resonance, X Ray, Ultrasound, Mammography, Multimodality Imaging Systems), By Technology (Deep Learning, Natural Language Processing , Computer Vision), By Application, By Industry Vertical, and Regional Forecasts 2026-2036

Product link: <https://marketpublishers.com/r/G9AC9B7FF3EEEN.html>

Price: US\$ 3,750.00 (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/G9AC9B7FF3EEEN.html>