

Global AI-Based Medical Imaging Market 2023-2029

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Abstracts

The global AI-based medical imaging market is expected to increase by USD 8.3 billion, at a compound annual growth rate (CAGR) of 31.6% from 2023 to 2029, according to the latest edition of the Global AI-Based Medical Imaging Market Report.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global AI-based medical imaging market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the offering, modality, deployment mode, therapeutic application, workflow, end user, and region. The global market for AI-based medical imaging can be segmented by offering: hardware, software. The software segment is estimated to account for the largest share of the global AI-based medical imaging market. AI-based medical imaging market is further segmented by modality: computed tomography (CT), magnetic resonance (MR), mammography, multi-modality imaging systems, ultrasound, x-ray, others. The CT segment held the largest revenue share in 2022. Based on deployment mode, the AI-based medical imaging market is segmented into: cloud-based, on-premises. Globally, the cloud-based segment made up the largest share of the AI-based medical imaging market. On the basis of therapeutic application, the AI-based medical imaging market also can be divided into: general imaging, specialty imaging. The specialty imaging segment was the largest contributor to the global AI-based medical imaging market in 2022. AI-based medical imaging market by workflow is categorized into: detection, diagnosis and treatment decision support, equipment maintenance, image acquisition, image analysis, predictive analysis and risk assessment, reporting and communication, triage. The AI-based medical imaging

market by end user can be segmented into: diagnostic imaging centers, hospitals, other. Based on region, the AI-based medical imaging market is further categorized into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America.

The specialty imaging market is further segmented into cardiology, neurology, oncology (breast cancer, lung cancer, others), orthopedics, respiratory, others. The oncology segment held the largest share of the global AI-based medical imaging market in 2022, representing more than 93.4% of the total market.

Market Segmentation

By offering: hardware, software

By modality: computed tomography (CT), magnetic resonance (MR), mammography, multi-modality imaging systems, ultrasound, x-ray, others

By deployment mode: cloud-based, on-premises

By therapeutic application: general imaging, specialty imaging

By workflow: detection, diagnosis and treatment decision support, equipment maintenance, image acquisition, image analysis, predictive analysis and risk assessment, reporting and communication, triage

By end user: diagnostic imaging centers, hospitals, other

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The market research report covers the analysis of key stake holders of the global AI-based medical imaging market. Some of the leading players profiled in the report include Agfa-Gevaert N.V., Aidoc Medical Ltd., Arterys Inc., Avicenna.AI SAS, Beijing Infervision Technology Co., Ltd., Blackford Analysis Limited, Butterfly Network, Inc., CellmatiQ GmbH, dentalXrai GmbH, Digital Diagnostics Inc., EchoNous Inc., FUJIFILM Holdings Corporation, GE HealthCare Technologies Inc., Gleamer SAS, HeartVista Inc., Hologic, Inc., Hyperfine, Inc., iCAD Inc., Koninklijke Philips NV, Lunit Inc., Mediaire GmbH, Medo Inc., Merative US L.P. (formerly IBM Watson Health), Mirada Medical Ltd., Nano-X Imaging Ltd. (Zebra Medical Vision, Inc.), Nuance Communications, Inc., Nvidia

Corporation, Paige AI, Inc., Perimeter Medical Imaging AI, Inc., Qure.ai Technologies Private Limited, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global AI-based medical imaging market.

To classify and forecast the global AI-based medical imaging market based on offering, modality, deployment mode, therapeutic application, workflow, end user, region.

To identify drivers and challenges for the global AI-based medical imaging market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global AI-based medical imaging market.

To identify and analyze the profile of leading players operating in the global AI-based medical imaging market.

Why Choose This Report

Gain a reliable outlook of the global AI-based medical imaging market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

Contents

PART 1. INTRODUCTION

Report description
Objectives of the study
Market segment
Years considered for the report
Currency
Key target audience

PART 2. METHODOLOGY

PART 3. EXECUTIVE SUMMARY

PART 4. MARKET OVERVIEW

Introduction
Drivers
Restraints

PART 5. MARKET BREAKDOWN BY OFFERING

Hardware
Software

PART 6. MARKET BREAKDOWN BY MODALITY

Computed tomography (CT)
Magnetic resonance (MR)
Mammography
Multi-modality imaging systems
Ultrasound
X-ray
Others

PART 7. MARKET BREAKDOWN BY DEPLOYMENT MODE

Cloud-based

On-premises

PART 8. MARKET BREAKDOWN BY THERAPEUTIC APPLICATION

General imaging
Specialty imaging

PART 9. MARKET BREAKDOWN BY WORKFLOW

Detection
Diagnosis and treatment decision support
Equipment maintenance
Image acquisition
Image analysis
Predictive analysis and risk assessment
Reporting and communication
Triage

PART 10. MARKET BREAKDOWN BY END USER

Diagnostic imaging centers
Hospitals
Other

PART 11. MARKET BREAKDOWN BY REGION

North America
Europe
Asia-Pacific
MEA (Middle East and Africa)
Latin America

PART 12. KEY COMPANIES

Agfa-Gevaert N.V.
Aidoc Medical Ltd.
Arterys Inc.
Avicenna.AI SAS
Beijing Infervision Technology Co., Ltd.

Blackford Analysis Limited
Butterfly Network, Inc.
CellmatiQ GmbH
dentalXrai GmbH
Digital Diagnostics Inc.
EchoNous Inc.
FUJIFILM Holdings Corporation
GE HealthCare Technologies Inc.
Gleamer SAS
HeartVista Inc.
Hologic, Inc.
Hyperfine, Inc.
iCAD Inc.
Koninklijke Philips NV
Lunit Inc.
Mediaire GmbH
Medo Inc.
Merative US L.P. (formerly IBM Watson Health)
Mirada Medical Ltd.
Nano-X Imaging Ltd. (Zebra Medical Vision, Inc.)
Nuance Communications, Inc.
Nvidia Corporation
Paige AI, Inc.
Perimeter Medical Imaging AI, Inc.
Qure.ai Technologies Private Limited

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