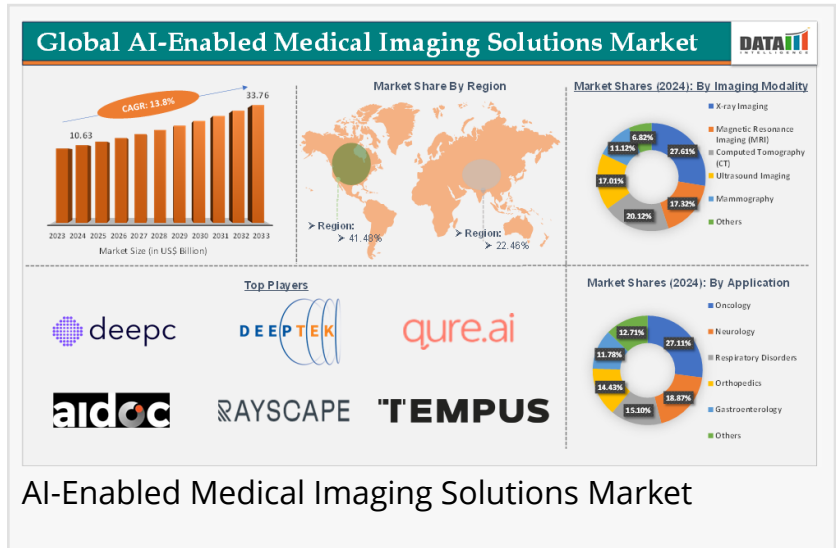


# AI-Enabled Medical Imaging Solutions Market: Trends, Growth, Forecast & Top Players 2025 | DataM Intelligence

*The AI-Enabled Medical Imaging Solutions Market is expected to reach at a CAGR of 13.8% during the forecast period 2025-2033.*

AUSTIN, TX, UNITED STATES, June 20, 2025 /EINPresswire.com/ -- The [AI-Enabled Medical Imaging Solutions Market](#) was valued at \$10.63 billion in 2024 and is expected to increase at a compound annual growth rate (CAGR) of 13.8% between 2025 and 2033.



## Market Overview:

AI-Enabled Medical Imaging is the use of artificial intelligence algorithms in diagnostic imaging techniques such as CT, MRI, X-ray, ultrasound, and nuclear imaging. These technologies help with image interpretation, illness detection, workflow optimization, and decision assistance, resulting in faster turnaround times and higher diagnostic accuracy. The market is expected to expand rapidly due to rising healthcare digitization and increased investment in AI-driven healthcare innovation.



The AI-Enabled Medical Imaging Solutions Market is set to grow rapidly, driven by demand for accurate diagnostics, reduced human error, and faster image analysis across healthcare."

*DataM Intelligence*

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## Market Drivers and Opportunities:

Rising demand for early and accurate disease diagnosis is driving the need for AI-powered imaging systems.

The rising prevalence of chronic diseases including cancer and cardiovascular disease is driving the adoption of advanced diagnostic procedures.

Technological advancements in machine learning and deep learning algorithms are creating new capabilities in image segmentation, classification, and anomaly detection.

Favorable government initiatives and funding, especially in the U.S., Europe, and Asia-Pacific, are accelerating research and adoption.

Growing radiologist workload and shortage of skilled professionals are increasing the reliance on AI to assist in image analysis.

#### Market Segmentation:

##### By Imaging Modality:

- X-ray Imaging
- Magnetic Resonance Imaging (MRI)
- Computed Tomography (CT)
- Ultrasound Imaging
- Mammography
- Others.

##### By Deployment Mode:

- Cloud-Based Solutions
- On-Premise Solutions
- Hybrid Models.

##### By Application:

- Oncology
- Cardiology
- Neurology
- Respiratory Disorders
- Orthopedics
- Gastroenterology
- Others.

##### By End-User:

- Hospitals
- Diagnostic Centers
- Specialty Clinics
- Academic and Research Institutes.

By Region:

North America

Latin America

Europe

Asia Pacific

Middle East

Africa.

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Geographical Share:

North America dominates the market due to the presence of significant companies, high healthcare spending, and early adoption of artificial intelligence technologies.

Asia-Pacific is expected to witness the fastest growth, driven by rising investments in digital healthcare infrastructure in countries like China, Japan, and India.

Europe continues to advance due to increased focus on medical imaging research and supportive regulatory frameworks.

Key Players in the Market:

Leading companies contributing to the development and deployment of AI-enabled medical imaging solutions include:

deepc GmbH

Qure.ai Technologies Private Limited

DeepTek.ai, Inc

Aidoc

Tempus AI, Inc.

Rayscape

Infervision

AIKENIST

Rad AI

Brainomix Limited.

These companies are actively engaged in R&D collaborations, AI platform launches, and acquisitions to enhance their market presence.

Recent Developments:

## United States

2025: GE Healthcare launched its new AI-powered platform "TrueView Insight," designed to assist in oncology and cardiology imaging diagnostics by integrating real-time clinical data with imaging.

2024: Aidoc partnered with Mayo Clinic to deploy AI solutions across a network of hospitals, enhancing early stroke and pulmonary embolism detection through deep learning algorithms.

## Japan

2025: Canon Medical Systems introduced an advanced AI-enhanced CT scanner tailored for cardiovascular diagnostics, reducing scanning time and improving precision.

2024: Fujifilm announced a partnership with a Tokyo-based AI startup to co-develop AI software for mammography, aiming to increase breast cancer detection rates with reduced false positives.

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## Conclusion:

The AI-Enabled Medical Imaging Solutions Market is experiencing rapid growth, fueled by technological innovations, rising healthcare demands, and a worldwide focus on accurate and efficient diagnostics. With artificial intelligence revolutionizing imaging capabilities, the market is poised for substantial expansion, offering transformative opportunities for healthcare providers, patients, and tech companies around the globe.

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