

Medical Digital Imaging Systems Market is estimated to be US\$ 92.47 billion by 2030 with a CAGR of 6.1%-By PMI

The report " Medical Digital Imaging Systems Market, By Type, By Technology, and By Region - Trends, Analysis and Forecast till 2029"

COVINA, CALIFORNIA , UNITED STATE,
March 24, 2023 /EINPresswire.com/ --
[MEDICAL DIGITAL IMAGING SYSTEMS MARKET](#) accounted for US\$ 51.20 billion in 2020 and is estimated to be US\$ 92.47 billion by 2030 and is anticipated to register a CAGR of 6.1%.

The technique of creating digital pictures such as photographs, written text, and manuscripts is known as medical digital imaging systems. It's utilized for therapeutic and diagnostic purposes to gain a visual representation of what's going on inside the body. X-ray imaging, molecular imaging, Magnetic Resonance Imaging (MRI), ultrasound imaging, and other types of digital imaging are also available. The use of a digital imaging system has a wide range of clinical and financial advantages. It assists hospitals and radiology departments in a variety of ways, including increasing patient care and delivering effective cost and workflow benefits.



Medical Digital Imaging Systems Market - By PMI

The report " Medical Digital Imaging Systems Market, By Type (X-ray, MRI, Ultrasound, CT, and Nuclear Imaging), By Technology (2D (BnW and Color) and 3D/4D), and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Trends, Analysis and Forecast till 2029"

Key Highlights:

- In June 2021, The Persona RF PREMIUM has been launched in the United States by FUJIFILM Medical Systems U.S.A., Inc., a major provider of diagnostic imaging and medical informatics solutions. The Persona RF PREMIUM is a cutting-edge radiography and fluoroscopy system for hospitals and medical facilities of all sizes. It offers real-time imaging for the skeletal, digestive, urinary, respiratory, and reproductive systems, as well as individual organs such as the heart,

lung, and kidneys.

- In November 2021, OmniVision Technologies Inc., a provider of advanced digital imaging solutions, and Diaspective Vision GmbH, a provider of high-quality hyperspectral and multispectral camera systems for medical applications, have announced a collaboration to develop the Malyna system, a new type of endoscopic camera based on proprietary multispectral imaging technology.

Scope of the Report:

1. Market Preview

>Executive Summary

>Key Findings—Global Outlook for Digital Imaging System Strategies

- Key Questions this Study will Answer
- Market Snippet, By Type
- Market Snippet, By Technology
- Market Snippet, By Region

>Opportunity Map Analysis

>Executive Summary—3 Big Predictions

2. Market Dynamics, Regulations, and Trends Analysis

>Market Dynamics

- Drivers
- Restraints
- Market Opportunities
- Market Trends

>DR Impact Analysis

>PEST Analysis

>Porter's Five Forces Analysis

>Opportunity Orbit

>Market Investment Feasibility Index

>Macroeconomic Factor Analysis

3. Global Digital Imaging System Market, By Type, 2020 – 2030, (US\$ Mn)

>Overview

- Market Value and Forecast (US\$ Mn), and Share Analysis (%), 2020 – 2030
- Y-o-Y Growth Analysis (%), 2020 – 2030
- Segment Trends

>X-Ray

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

>MRI

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

>Ultrasound

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

>CT

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

>Nuclear Imaging

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

4. Global Digital Imaging System Market, By Technology, 2020 – 2030, (US\$ Mn)

>Overview

- Market Value and Forecast (US\$ Mn), and Share Analysis (%), 2020 – 2030
- Y-o-Y Growth Analysis (%), 2020 – 2030
- Segment Trends

>2D (BnW and Color)

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

>3D/4D

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

Analyst View:

Increased need for precision and quality of diagnosis, as well as technological advancements in the healthcare sector, are likely to propel the market forward throughout the forecast period. Additionally, market expansion is expected to be fueled by technical advancements and increased government investment in R&D projects in the imaging sector, particularly in developing nations such as China and India. Improved imaging equipment clarity and a lower chance of data loss while improving efficiency are also driving market demand. Nuclear imaging is expected to provide profitable potential for plugging, while the development of new radiotracers and the increasing prevalence of new goods as a result of technological advancements are all working in the market's favour. The beneficial element for the market is the increase in medical tourism in developing economies.

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Key Market Insights from the report:

Global US\$ 51.20 billion in 2020 and is estimated to be US\$ 92.47 billion by 2030 and is anticipated to register a CAGR of 6.1%. Global Medical Digital Imaging Systems market is segmented into type, technology and region.

- Based on Type, the Global Medical Digital Imaging Systems Market is segmented into X-ray, MRI, Ultrasound, CT, and Nuclear Imaging.
- Based on Technology, the Global Medical Digital Imaging Systems Market is segmented into 2D

(BnW and Color) and 3D/4D.

- By Region, the Global Medical Digital Imaging Systems Market is segmented into North America, Europe, Asia Pacific, Latin America, and Middle East & Africa.

Competitive Landscape & their strategies of Global Medical Digital Imaging Systems Market:

- GE Healthcare
- Siemens Healthineers
- Koninklijke Philips N.V.
- Agfa-Gevaert N.V.
- Canon Medical Systems Corporation
- Hitachi Ltd.
- Carestream Health
- Esaote S.p.A
- Hologic
- FUJIFILM Holdings Corporation

The market provides detailed information regarding the industrial base, productivity, strengths, manufacturers, and recent trends which will help companies enlarge the businesses and promote financial growth. Furthermore, the report exhibits dynamic factors including segments, sub-segments, regional marketplaces, competition, dominant key players, and market forecasts. In addition, the market includes recent collaborations, mergers, acquisitions, and partnerships along with regulatory frameworks across different regions impacting the market trajectory. Recent technological advances and innovations influencing the global market are included in the report.

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Some Important Points Answered in this Market Report Are Given Below:

- Explains an overview of the product portfolio, including product development, planning, and positioning
- Explains details about key operational strategies with a focus on R&D strategies, corporate structure, localization strategies, production capabilities, and financial performance of various companies.
- Detailed analysis of the market revenue over the forecasted period.
- Examining various outlooks of the market with the help of Porter's five forces analysis, PEST & SWOT Analysis.
- Study on the segments that are anticipated to dominate the market.
- Study on the regional analysis that is expected to register the highest growth over the forecast period

Questions answered by Medical Digital Imaging Systems Market:

1. What are the major challenges faced by the medical digital imaging systems market, such as cost, accessibility, and interoperability?

The major challenges faced by the medical digital imaging systems market include cost, accessibility, and interoperability. Other challenges include regulatory and ethical considerations, potential risks and drawbacks associated with imaging systems, and the need for continued technological advancements to improve image quality and patient outcomes.

2. Who are the major players in the medical digital imaging systems market, and what are their respective market shares?

The major players in the medical digital imaging systems market include Siemens Healthineers, GE Healthcare, Philips Healthcare, Canon Medical Systems, and Fujifilm Holdings Corporation. Their respective market shares vary by region and product category. For example, Siemens Healthineers has a significant market share in computed tomography (CT) and magnetic resonance imaging (MRI) systems, while GE Healthcare has a strong presence in ultrasound systems. Other notable players in the market include Hologic, Inc., Shimadzu Corporation, and Carestream Health, Inc.

3. What are the potential risks and drawbacks associated with medical digital imaging systems, such as radiation exposure, misinterpretation of results, or privacy concerns?

Radiation exposure: Some imaging procedures, such as X-rays and CT scans, expose patients to ionizing radiation, which can increase their risk of cancer over time.

Misinterpretation of results: Digital imaging systems produce highly detailed images that require expert interpretation to ensure accuracy. Errors in interpretation can lead to misdiagnosis or delayed treatment.

Privacy concerns: Digital imaging systems generate and store large amounts of patient data, which raises concerns about privacy and security breaches.

Cost: Digital imaging systems can be expensive to purchase and maintain, which can limit their availability in certain healthcare settings.

Interoperability: The lack of standardization in medical imaging software and hardware can make it difficult to share images and information between different healthcare providers and systems.

Other related Reports:

[Microplate Systems Market](#): By Type (Microplate Washer, Microplate Stacker, Microtiter Plate Reader, Microplate Transport System, and Others), By Application (Genomics & Proteomics Research, Drug Discovery, Clinical Diagnostics, and Others), By End-User (Hospitals, Biotechnology Industries, Academic & Research Institutes, Diagnostic Centers and Pharmaceutical Industries) and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Trends, Analysis and Forecast till 2032

[Non-Vascular Stents Market](#): By Type (Drug-Eluting Stent, Bare-Metal Stent, and Others), By Application (Implants of Colon, Trachea, Bile Duct, Esophageal, Bronchial, and Others), and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Trends, Analysis and Forecast till 2030

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