

Global Medical Imaging Workstations Market Size study & Forecast, by Component (Visualization Software, Display Units, Others), by Modality (Computed Tomography (CT), Magnetic Resonance Imaging, Ultrasound, Mammography, Others), by Usage Mode (Thick Client Workstations, Thin Client Workstations), and Regional Analysis, 2023-2030

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Abstracts

Global Medical Imaging Workstations Market is valued approximately at USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than 8% over the forecast period 2023-2030. The medical imaging workstations market refers to the global market for specialized computer systems used in healthcare settings to process, analyze, and interpret medical images. Medical imaging workstations are essential tools for radiologists, physicians, and other healthcare professionals involved in diagnosing and monitoring patients. These workstations are designed to handle various types of medical imaging modalities, including X-ray, computed tomography (CT), magnetic resonance imaging (MRI), ultrasound, and nuclear medicine. Medical imaging workstations typically consist of high-performance hardware, such as powerful processors, high-resolution displays, and specialized graphics cards, along with dedicated software applications for image viewing, manipulation, analysis, and reporting. The driving factors of rising healthcare expenditure and technological advancements in imaging systems.

According to Statista, the global current health expenditure as a share of the GDP is forecasted to increase by a total of 0.2 percentage points between 2023 and 2028. This increase is not continuous, particularly in 2024 and 2025. The estimated share is projected to reach 10.81 percent in 2028. The rising technological advancements,



accompanied by the introduction of innovative products by major industry players are also expected to take the market to new heights. For example, in October 2021, JVC released the CL-S600, a 30-inch medical imaging monitor with a 6-megapixel wide color display. This monitor is designed to showcase different diagnostic images on a single workstation. Moreover, the integration with electronic health records (HER) and technological advancements in imaging technologies are expected to create opportunities in the forecast period. However, the high cost of imaging systems and lack of skilled professionals in the industry stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Medical Imaging Workstations Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to its strong healthcare infrastructure, extensive diagnostic center presence, aging population, accessible quality healthcare, and adoption of advanced imaging systems. For instance, in response to the acute shortage of radiologists and the growing demand for imaging scans, GE Healthcare has developed a cloud-based Picture Archive and Communication System (PACS) called Edison True PACS. This next-generation solution aims to alleviate the strain on radiology departments and overcome related barriers. However, Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as increasing demand for advanced imaging, along with the emergence of local market players in countries such as India, China, and South Korea.

Major market player included in this report are:

Carestream Health

Capsa Healthcare

PaxeraHealth

Siemens Healthineers

GE Healthcare

Chimaera GmbH

FUJIFILM Holdings Corporation

Alma IT Systems

Carl Zeiss Meditech AG

Modernsolid Industrial Co.

Recent Developments in the Market:

In June 2023, GE HealthCare has launched Sonic DL, a deep learning-based technology for MRI image acquisition acceleration, following FDA clearance.

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In May 2023, Carestream Health has launched the DRX-Rise Mobile X-ray System, a fully integrated digital X-ray unit with a range of advanced features. This system provided customers with an affordable solution for digital imaging, allowing for easy adoption, replacement, or expansion of their existing digital radiography fleet without requiring substantial capital investment.

In March 2023, ZEISS invested in life science start-up InSphero, a pioneer in 3D spheroid and cell-based assays, to further advance the adoption of 3D microtissues in research and drug development.

Global Medical Imaging Workstations Market Report Scope:

Historical Data - 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Component, Modality, Usage Mode, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Component: Visualization Software Display Units Others

By Modality: Computed Tomography (CT) Magnetic Resonance Imaging



Ultrasound Mammography Others

By Usage Mode: Thick Client Workstations Thin Client Workstations

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa



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