

Teleradiology Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Report description:

The global teleradiology market size reached US\$ 5.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 11.5 Billion by 2028, exhibiting a growth rate (CAGR) of 15.3% during 2023-2028. The rising geriatric population, increasing prevalence of medical disorders, and the escalating demand for radiologist procedures represent some of the key factors driving the market.

Teleradiology refers to a type of telemedicine that involves the transmission of radiological images from one location to another for interpretation and diagnosis. It includes computed tomography (CT), magnetic resonance imaging (MRI), X-ray, positron emission tomography (PET), and ultrasound. It allows faster and more accurate diagnosis in emergency situations, which enables healthcare providers to diagnose and treat patients with urgent medical attention. It also helps streamline workflows by allowing radiologists to work remotely and read images from multiple locations, reducing wait times for patients and improving the overall efficiency of the healthcare system. Moreover, it helps reduce costs by eliminating the need for on-site radiologists and minimizing the need for repeat imaging, which is costly and time-consuming. As teleradiology also offers other benefits, such as enhanced consultation, improved staffing, and better rural-area care, it is gaining traction across the globe.

Teleradiology Market Trends:

At present, the increasing prevalence of chronic medical disorders, such as cancer, diabetes, seizures, and cardiovascular disorders, and the growing geriatric population, which faces mobility issues and is more susceptible to these diseases, represent one of the key factors influencing the market positively across the globe. In addition, the escalating demand for numerous radiologist procedures, such as MRI, CT, and X-ray, in various treatments and surgeries is creating a favorable market outlook. Apart from this, the widespread adoption of teleradiology in healthcare information and communication technology (HCIT) for analyzing radiological images cost-effectively is bolstering the market growth. Moreover, the integration of advanced technologies, such as artificial intelligence (AI) and machine learning (ML), with teleradiology to automatically detect complex anomalous patterns in image data and provide an assistive diagnosis for patients is bolstering the market growth. Besides this,

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governments of various countries are undertaking favorable initiatives to support the development and implementation of teleradiology programs in underserved areas wherein access to radiology services is limited. They are also focusing on the development of infrastructure, high-speed internet access, and secure networks to facilitate the transmission of medical images and data, which is propelling the market growth. Additionally, the increasing investments in research and development (R&D) activities for innovating advanced teleradiology technologies to improve workflow efficiency are contributing to the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global teleradiology market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on component, imaging technique and end user.

Component Insights:

Software and Services

Hardware

The report has provided a detailed breakup and analysis of the teleradiology market based on the component. This includes software and services, and hardware. According to the report, software and services represented the largest segment.

Imaging Technique Insights:

X-rays

Computed Tomography (CT)

Ultrasound

Magnetic Resonance Imaging (MRI)

Nuclear Imaging

Others

A detailed breakup and analysis of the teleradiology market based on the imaging technique has also been provided in the report. This includes X-rays, computed tomography (CT), ultrasound, magnetic resonance imaging (MRI), nuclear imaging, and others. According to the report, X-rays accounted for the largest market share.

End User Insights:

Hospitals and Clinics

Ambulatory Surgical Centers

Diagnostic Centers

Others

A detailed breakup and analysis of the teleradiology market based on the end user has also been provided in the report. This includes hospitals and clinics, ambulatory surgical centers, diagnostic centers, and others. According to the report, hospitals and clinics accounted for the largest market share.

Regional Insights:

North America

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United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, North America (the United States and Canada) was the largest market for teleradiology. Some of the factors driving the North America teleradiology market included the geriatric population, technological advancements, high healthcare expenditure, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global teleradiology market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. Some of the companies covered 4ways Healthcare Limited, Agfa-Gevaert Group, Carestream Health, Cerner Corporation, FUJIFILM Corporation, General Electric Company, Koninklijke Philips N.V., McKesson Corporation, Mednax Services Inc., ONRAD Inc., RamSoft Inc., Siemens AG, Teleradiology Solutions, USARAD Holdings Inc., etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global teleradiology market performed so far, and how will it perform in the coming years?
What are the drivers, restraints, and opportunities in the global teleradiology market?
What is the impact of each driver, restraint, and opportunity on the global teleradiology market?
What are the key regional markets?
Which countries represent the most attractive teleradiology market?

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What is the breakup of the market based on the component?
Which is the most attractive component in the teleradiology market?
What is the breakup of the market based on the imaging technique?
Which is the most attractive imaging technique in the teleradiology market?
What is the breakup of the market based on the end user?
Which is the most attractive end user in the teleradiology market?
What is the competitive structure of the global teleradiology market?
Who are the key players/companies in the global teleradiology market?

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