

# Tele-radiology Market is likely to grow at a CAGR of 18.5% by 2029

*Tele-radiology Market Size, Share, Trends, Application and Key Players*

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EINPresswire.com/ -- Data Bridge Market Research analyzes that the Global [Tele-radiology Market](#) is expected to reach the value of USD 5,910.05 million by 2029, at a CAGR of 18.5% during the forecast period. Services account for the largest type segment in the market due to

increasing teleradiology services among the global population. This market report also covers pricing analysis, patent analysis, and technological advancements in depth.

Teleradiology Market report puts light on the change in the market which is taking place due to the moves of key players and brands such as product launches, joint ventures, mergers and acquisitions that in turn modifies the view of the global face of HEALTHCARE industry. This market analysis document takes into account myriad of aspects of the market analysis which today's businesses call for. To make the report outstanding, most up-to-date and advanced tools and techniques are used so that client achieves maximum benefits. The widespread Teleradiology Market business report also includes market drivers and market restraints that are derived from SWOT analysis.

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Market Key Players Covered:

Telemedicine Clinic  
Virtual Radiologic  
RamSoft, Inc.



Koninklijke Philips N.V.  
Everlight Radiology  
Teleradiology Solutions  
All-American Teleradiology  
Medica Group PLC  
Vital Radiology Services  
PMG Services, Inc.  
General Electric  
RadNet, Inc.  
FUJIFILM Corporation  
Agfa-Gevaert Group  
COM  
TeleDiagnosys Services Pvt Ltd.  
ONRAD, Inc.  
4ways Healthcare Limited  
Allscripts Healthcare, LLC  
Redox, Inc.  
NightHawk Radiology  
NightShift Radiology  
NucleusHealth

#### Global Teleradiology Market Overview:

In addition, according to the World Health Organization factsheet, cancer is responsible for one of every six deaths worldwide. Furthermore, approximately 70% of cancer deaths occur in low- and middle-income countries. The increase in the funding by the federal government to drive the adoption of these solutions further influence the market. Additionally, the surge in healthcare expenditure, advancements in healthcare infrastructure, and high demand for expanded care delivery positively affect the teleradiology market.

Teleradiology Market is a medical method that captures visuals of the internal anatomy and function of the body that helps in the process of medical diagnosis or therapy. Interpreting all noninvasive imaging studies, such as digitized x-rays, CT, MRI, ultrasound, and nuclear medicine studies, can be carried out in such a manner. It can capture medical images in one location and facilitate or transmit them over a range so that a radiologist can view and interpret them for diagnostic or consultative purposes. Teleradiology is extensively used in telemonitoring, teleconsultation, and telediagnosis, enabling radiologists to perform their daily work effectively. Teleradiology enables effective on-site solutions through real-time interpretation and global cloud networks. Teleradiology primarily aids medical personnel in accessing patient information regardless of location, enhancing diagnostic coverage. Teleradiology Services Market present extensive applications for radiologists to use web services that improve patients' care and therapies without the requirement to be physically present on site.

## Global Teleradiology Market Dynamics

This section deals with understanding the market drivers, opportunities, restraints, and challenges. All of this is discussed in detail as below:

### Drivers

#### Growing Number of Advanced Imaging Procedures

The rise in imaging procedures is expected to drive the demand for teleradiology solutions for reliability and efficiency. Advanced diagnostic imaging, including diagnostic magnetic resonance imaging (MRI), computed tomography (CT), and nuclear medicine imaging, such as positron emission tomography (PET), has attracted many new providers. There has been a proliferation in the volume of diagnostic medical imaging services prescribed by practitioners, including radiologists.

CT scans account for a quarter of all Americans exposed to radiation. A high level of engineering and expertise is required to manage advanced and sophisticated diagnostic imaging systems, thus driving the growing complexity of cases with a lack of appropriate resources. Adopting remote sensing solutions has contributed significantly to narrowing the rural-urban disparity in many emerging countries, including India and Brazil, as well as in developed economies such as the United States, the United Kingdom, and Germany. These solutions are more practical and economical as they eliminate travel and allow radiologists to work from anywhere. The shortage of qualified radiologists has further increased the demand for radiology services.

Advanced imaging procedures for teleradiology are expected to help the market get more accurate results quickly and propel the global teleradiology market growth in the forecasted period.

#### Adoption of [Artificial Intelligence in Teleradiology](#)

Artificial intelligence is one of the most promising breakthroughs in teleradiology. It is estimated that the number of publications on AI in radiology has grown from an average of 100-150 research publications per year to 700-800 per year over the past decade. Among all major imaging modalities, the acceptance of AI is higher in CT and MRI systems. Depending on the application, AI is also used primarily in neuroradiology. Several players in this market are expanding their AI offerings.

AI has been embedded in numerous medical institutions worldwide and has proven itself a valuable partner in the radiology environment. Global Diagnostics Australia (GDA), an Integral Diagnostics Group (IDG) subsidiary, was one of the first Australian diagnostics companies to deploy AI as part of their radiology workflow. The company integrated high-end algorithms into the care management path to accelerate patient care and treatment of head, neck, and chest

conditions. The additional benefit of AI in teleradiology is that Artificial intelligence helps radiologists quickly analyze image and data registries to understand patient conditions better, enhance their clinical role, and become part of the core management team. AI picks up enough weight that the radiologist can focus on the complex cases that require their specialist attention.

View Detailed Tele-radiology Market Report@

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## Restraint

### Lack of Access to High-Speed Internet in Rural Areas

Teleradiology allows rural patients and professionals to receive quality imaging advice without traveling to populated urban areas with more advanced medical systems. Additionally, radiologists remotely working need a good internet connection. However, the lack of high-speed broadband connectivity has impacted the growing access to teleradiation services in rural areas.

Limited access to high-speed internet connections impacts the ability of radiologists to participate in video consultations, submit medical imaging reports, and monitor patient health remotely. When slow connection speeds create bottlenecks in image-heavy studies, the workflow can quickly become frustrating and affect patient care. Additionally, IT services are required to ensure that the images are submitted in compliance with his HIPAA. Lack of reliable internet connectivity and poor broadband connectivity in rural areas is, therefore, major obstacles to the steady expansion of the global market.

## Opportunity

### Increasing Awareness Among People

Teleradiology Market offers alternative options for receiving healthcare services globally, improving access and reducing costs associated with traveling for services. However, the full potential of teleradiology has not been realized with slow and fragmented uptake.

The increase in the awareness program, teleradiology awareness, and support from the government has increased the usage of teleradiology and telehealth in various areas.

## Challenge

### High Chances of Misdiagnosis

A physical examination can better understand the patient's actual health condition, which is the

most crucial element for the patient's treatment. All the treatment programs and what should be the next step for the treatment can be created with the help of a quick physical examination. The same procedure should be applied to the radiologists to know more about actual problems and conditions, and more outcomes are obtained when patients are present with radiologists during consultations.

## Recent Developments

In April 2022, 4ways announced that it had been shortlisted at the 2022 Health Investor Awards. 4ways is in contention for the diagnostics provider of the year award. This acknowledgment celebrated the growth of 4ways', strengthening its position as a key partner to the clients. 4ways has sustained improvement to its service offering through innovations in workflows and investments in new technologies. This has enabled 4ways to gain resilience as a platform for tele-radiology and has provided operations security

Complete Tele-radiology Market Report is available (Including the full TOC, Tables and Figures, Graphs as well as Chart) @ <https://www.databridgemarketresearch.com/toc/?dbmr=global-teleradiology-market>

## Tele-radiology Market Scope

The global tele-radiology market is segmented into type, delivery mode, imaging technique, technology, procedure, application, site, age, mode of purchase, and end-user. The growth among segments helps you analyze niche pockets of development and strategies to approach the market and determine your core application areas and the difference in your target markets.

### By Type

HARDWARE  
SYSTEMS  
SOFTWARE  
TELECOM & NETWORKING  
SERVICES

On the basis of type, the global teleradiology market is segmented into hardware, systems, software, telecom, and networking services.

### By Delivery Mode

WEB-BASED DELIVERY MODE  
CLOUD-BASED DELIVERY MODE  
ON-PREMISE DELIVERY MODE

On the basis of delivery mode, the global teleradiology market is segmented into the web-based delivery mode, cloud-based delivery mode, and on-premise delivery mode.

By Imaging Technique

SMALL MATRIX SIZE

LARGE MATRIX SIZE

On the basis of imaging techniques, the global teleradiology market is segmented into small matrix size and large matrix size.

By Technology

ADVANCED GRAPHICS PROCESSING

VOLUME RENDERING

MULTIPLANAR RECONSTRUCTIONS

IMAGE COMPRESSION

On the basis of technology, the global teleradiology market is segmented into advanced graphics processing, volume rendering, multiplanar reconstructions, and image compression.

By Procedure

TELE-CONSULTATION

TELE-DIAGNOSIS

TELE-MONITORING

On the basis of procedure, the global teleradiology market is segmented into teleconsultation, teleradiology diagnosis, and telemonitoring.

By Application

CARDIOLOGY

NEUROLOGY

ONCOLOGY

MUSCULOSKELETAL

GASTROENTEROLOGY

PELVIC AND ABDOMINAL

GYNECOLOGY

UROLOGY

MAMMOGRAPHY

DENTAL

OTHERS On the basis of application, the global teleradiology market is segmented into cardiology, neurology, oncology, musculoskeletal, gastroenterology, pelvic and abdominal, gynecology, urology, mammography, dental, and others.

By Site

INHOUSE  
ONSHORE  
OFFSHORE

On the basis of site, the global teleradiology market is segmented in-house, offshore, and onshore.

By Age

PEDIATRIC  
ADULT  
GERIATRIC

On the basis of age, the global teleradiology market is segmented into pediatric, geriatric, and adult.

By Mode Of Purchase

GROUP PURCHASE  
INDIVIDUAL PURCHASE

On the basis of mode of purchase, the global teleradiology market is segmented into group purchases and individual purchases.

By End Users

HOSPITALS  
AMBULATORY SURGICAL CENTERS  
PRIVATE PHYSICIAN OFFICES  
DIAGNOSTIC IMAGING CENTERS  
OTHERS

On the basis of end-user, the global teleradiology market is segmented into hospitals, ambulatory surgical centers, private physician offices, diagnostics imaging centers, and others.

Global Teleradiology Market Regional Analysis/Insights

The Global teleradiology market is analyzed, and teleradiology market size information is provided by type, delivery mode, imaging technique, technology, procedure, application, site, age, mode of purchase, and end-user.

The countries covered in this market report are U.S., Canada, Mexico, Germany, France, U.K., Italy, Spain, Russia, Turkey, Belgium, Netherlands, Switzerland, and the rest of Europe, China, Japan, India, South Korea, Singapore, Thailand, Malaysia, Australia, Philippines, Indonesia and rest of Asia-Pacific, UAE, Israel, South Africa, Saudi Arabia, Egypt and rest of the Middle East and Africa, Brazil, Argentina and the rest of South America.

In 2022, North America is dominating due to the presence of key market players in the largest consumer market with high GDP. The U.S Teleradiology market is expected to grow due to the rise in technological advancement in teleradiology.

North America is dominating the market. The increasing investment in R&D and the increasing adoption of teleradiology as an option for formulating treatment regimens are expected to boost the market growth. The U.S. dominates the North American region due to the strong presence of advanced technology providers such as General Electric, Agfa-Gevaert Group, Koninklijke Philips N.V., FUJIFILM Corporation, and others. The U.K. dominates Europe due to the increasing demand from emerging markets and the expansion of healthcare industries. China dominates the Asia-Pacific region due to an increase in healthcare expenditure.

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Key Pointers Covered in the Tele-radiology Market Industry Trends and Forecast to 2029

Market Size

Market New Sales Volumes

Market Replacement Sales Volumes

Market Installed Base

Market By Brands

Market Procedure Volumes

Market Product Price Analysis

Market Healthcare Outcomes

Market Cost of Care Analysis

Market Regulatory Framework and Changes

Prices and Reimbursement Analysis

Market Shares in Different Regions

Recent Developments for Market Competitors

Market Upcoming Applications

Market Innovators Study



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North America Teleradiology Market – Industry Trends and Forecast to 2029

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Middle East and Africa Teleradiology Market – Industry Trends and Forecast to 2029

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Data Bridge Market Research Pvt Ltd is a multinational management consulting firm with offices in India and Canada. As an innovative and neoteric market analysis and advisory company with unmatched durability level and advanced approaches. We are committed to uncover the best consumer prospects and to foster useful knowledge for your company to succeed in the market.

Data Bridge Market Research is a result of sheer wisdom and practice that was conceived and built-in Pune in the year 2015. The company came into existence from the healthcare department with far fewer employees intending to cover the whole market while providing the best class analysis. Later, the company widened its departments, as well as expands their reach by opening a new office in Gurugram location in the year 2018, where a team of highly qualified personnel joins hands for the growth of the company. “Even in the tough times of COVID-19 where the Virus slowed down everything around the world, the dedicated Team of Data Bridge Market Research worked round the clock to provide quality and support to our client base, which also tells about the excellence in our sleeve.”

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