Picture Archiving and Communications Systems Market Research Report - Forecast to 2023

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Description:

Picture Archiving and Communication System (PACS) Market Research Report: By Type (Oncology, PACS, Others), Component (Hardware, Software, Services), Imaging (MRI, Others), Delivery Mode (Cloud, Web, On-Premise Mode), End-User – Global Forecast Till 2023

Market Scenario

Picture Archiving and Communication System (PACS) is a modality of the medical imaging technology used specifically for image transmission from the site of image acquisition to other locations. The technology is convenient to access multiple modalities such as radiographs, CT scan, MRI, ultrasound, and others.

It is noted that the increasing prevalence of chronic diseases and the growing geriatric population are the key factors driving the PACS market. The increasing burden of chronic diseases has been observed in different parts of the world. Population in the low socio-economic group is mostly found to get affected by these chronic diseases. According to the report published in the Centers for Disease Control and Prevention (CDC) in 2017, nearly 92.1 million adults are dealing with at least one type of cardiovascular disease. The prevalence of type-2 diabetes, obesity, and cardiovascular diseases has increased rapidly in the recent years, suggested by a study published in the BMC Public Health in 2017.

Various other factors such as supportive investments and funds provided by government and private bodies, rising demand for early diagnosis, technological advancements in the medical imaging devices, rising incidence of cancer, improving regulatory framework, growing research funding, unmet medical needs, rising competition among market players, and increasing government assistance are continuously contributing to the growth of the global PACS market.

Despite these drivers, there are some issues associated with the PACS market. The high cost associated with the technology, lack of healthcare insurance, lack of awareness, and poor healthcare system in low- and middle-income countries may hamper the growth of the market.

It is estimated that the Picture Archiving and Communications Systems (PACS) market is expected to grow at a CAGR 7.0% during the forecast period of 2017–2023.

Research Methodology
Sources: Annual reports, Press release, White paper, and Company presentations

Intended Audience
- Pharmaceutical Companies
- Software Companies
- Research and Development (R&D) Companies
- Diagnostic Laboratories
- Government Research Institutes
- Academic Institutes and Universities

Segmentation
The global Picture Archiving and Communications Systems (PACS) market is segmented on the basis of type, component, imaging type, delivery mode, and end-user.

On the basis of type, the market is classified as oncology PACS, cardiology PACS, dental PACS, orthopedics PACS, and others.

On the basis of components, the market is classified as hardware, software, and services. The hardware segment is further classified as access devices, peripherals, servers, storage devices, and networking devices. The services segment is further classified as consulting, implementation services, post-sales and maintenance services, and training services.

On the basis of the type of imaging type, the market is classified as Magnetic Resonance Imaging (MRI), Computed Tomography (CT), nuclear imaging, X-ray, and ultrasound.

On the basis of delivery mode, the market is classified as cloud-based (SAAS) delivery mode, web-hosted (On-Demand) delivery mode, and on-premise mode.

On the basis of end-user, the market is classified as hospitals and clinics, healthcare centers, imaging centers, diagnostic centers, clinical research institutions, and others.

Regional Analysis
The Americas dominates the Picture Archiving and Communications Systems (PACS) market owing to the rising demand for early diagnosis, rising prevalence of chronic diseases, well-developed technology, high healthcare expenditure, and the presence of leading players. Owing to the rising demand for imaging devices, various market players are coming up with advanced technology. For instance, on March 26, 2018, Singular Medical Technologies (SMT), the U.S. based technology company announced two new additions to its PACStation suite of products. The PACStation-GO is a fully functional reading workstation, with two full-
size diagnostic monitors and is completely portable.

Radiology imaging solutions have generated a significant return on its healthcare IT investment by implementing Exa’s Voice Recognition in place of traditional transcriptionists, and their productivity has increased by 400%.

Europe holds the second position in the Picture Archiving and Communications Systems (PACS) market. It is expected that the funding towards research and development expenditure and increasing competition among marketers are likely to drive the European market.

Asia Pacific is the fastest growing Picture Archiving and Communications Systems (PACS) market owing to a huge patient pool, increasing demand for diagnosis, and development in the healthcare IT sector. According to IBEF, the Healthcare Information Technology (IT) market was valued at USD 1 billion in 2016 which is estimated to grow 1.5 times by 2020.

The Middle East and Africa holds the lowest share of the global Picture Archiving and Communications Systems (PACS) market due to low development, lack of technical knowledge, and poor medical facilities.

**Key Players**


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**Contents:**

Table of Contents:

Chapter 1. Report Prologue

Chapter 2. Market Introduction

2.1 Definition

2.2 Scope of the Study

2.2.1 Research Objective

2.2.2 Assumptions

2.2.3 Limitations

Chapter 3. Research Methodology

3.1 Introduction

3.2 Primary Research

3.3 Secondary research

3.4 Market Size Estimation

Chapter 4. Market Dynamics

4.1 Drivers

4.2 Restraints

4.3 Opportunities

4.4 Challenges

4.5 Macroeconomic Indicators

4.6 Technology Trends & Assessment

Chapter 5. Market Factor Analysis

5.1 Porter’s Five Forces Analysis

5.1.1 Bargaining Power of Suppliers

5.1.2 Bargaining Power of Buyers

5.1.3 Threat of New Entrants
5.1.4 Threat of Substitutes
5.1.5 Intensity of Rivalry
5.2 Value Chain Analysis
5.3 Investment Feasibility Analysis
5.4 Pricing Analysis

Chapter 6. Global Picture Archiving and Communications Systems (PACS) Market, by Type
6.1 Introduction
6.2 Oncology PACS
6.2.1 Market Estimates & Forecast, 2017–2023
6.3 Cardiology PACS
6.3.1 Market Estimates & Forecast, 2017–2023
6.4 Dental PACS
6.4.1 Market Estimates & Forecast, 2017–2023
6.5 Orthopedics PACS
6.5.1 Market Estimates & Forecast, 2017–2023
6.6 Others
6.6.1 Market Estimates & Forecast, 2017–2023

Chapter 7. Global Picture Archiving and Communications Systems (PACS) Market, by Component
7.1 Introduction
7.2 Hardware
7.2.1 Market Estimates & Forecast, 2017–2023
7.3 Software
7.3.1 Market Estimates & Forecast, 2017–2023
7.4 Services
7.4.1 Market Estimates & Forecast, 2017–2023

Chapter 8. Global Picture Archiving and Communications Systems (PACS) Market, by Imaging Type
8.1 Introduction
8.2 Magnetic Resonance Imaging (MRI)
8.2.1 Market Estimates & Forecast, 2017–2023
8.3 Computed Tomography (CT)
8.3.1 Market Estimates & Forecast, 2017–2023
8.4 Nuclear Imaging
8.4.1 Market Estimates & Forecast, 2017–2023
8.5 X-ray
8.5.1 Market Estimates & Forecast, 2017–2023
8.8 Ultrasound

Chapter 9. Global Picture Archiving and Communications Systems (PACS) Market, by Delivery Mode
9.1 Introduction
9.2 Cloud-Based (SAAS) Delivery Mode
9.2.1 Market Estimates & Forecast, 2017–2023
9.3 Web Hosted (On-Demand) Delivery Mode
9.3.1 Market Estimates & Forecast, 2017–2023
9.4 On-Premise Mode
9.4.1 Market Estimates & Forecast, 2017–2023

Chapter 10. Global Picture Archiving and Communications Systems (PACS) Market, by End-User
10.1 Introduction
10.2 Hospitals & Clinics
Chapter 11. Global Picture Archiving and Communications Systems (PACS) Market, by Region

11.1 Introduction
11.2 Americas
11.2.1 North America
11.2.1.1 U.S.
11.2.1.2 Canada
11.2.2 South America
11.3 Europe
11.3.1 Western Europe
11.3.1.1 Germany
11.3.1.2 France
11.3.1.3 Italy
11.3.1.4 Spain
11.3.1.5 U.K.
11.3.1.6 Rest of Western Europe
11.3.2 Eastern Europe
11.4 Asia Pacific
11.4.1 Japan
11.4.2 China
11.4.3 India
11.4.4 Australia
11.4.5 Republic of Korea
11.4.6 Rest of Asia Pacific
11.5 The Middle East & Africa
11.5.1 United Arab Emirates
11.5.2 Saudi Arabia
11.5.3 Oman
11.5.4 Kuwait
11.5.5 Qatar
11.5.6 Rest of the Middle East & Africa

Chapter 12 Company Landscape

12.1 Introduction
12.2 Market Share Analysis
12.3 Key Development & Strategies
12.3.1 Key Developments

Chapter 13 Company Profiles

13.1 Advanced Data Systems
13.1.1 Company Overview
13.1.2 Types Overview
13.1.3 Financials
13.1.4 SWOT Analysis
13.2 Agfa-Gevaert N.V.
13.2.1 Company Overview
13.2.2 Types Overview
13.2.3 Financial Overview
13.2.4 Key Developments
13.2.5 SWOT Analysis
13.3 McKesson Corporation
13.3.1 Company Overview
13.3.2 Types Overview
13.3.3 Financial Overview
13.3.4 Key Development
13.3.5 SWOT Analysis
13.4 Avreo, Inc.
13.4.1 Company Overview
13.4.2 Types/Business Segment Overview
13.4.3 Financial Overview
13.4.4 Key Development
13.4.5 SWOT Analysis
13.5 Siemens Healthineers
13.5.1 Company Overview
13.5.2 Types Overview
13.5.3 Financial Overview
13.5.4 Key Developments
13.6 Singular Medical Technologies
13.6.1 Company Overview
13.6.2 Types Overview
13.6.3 Financial Overview
13.6.4 Key Developments
13.7 GE Healthcare
13.7.1 Overview
13.7.2 Types Overview
13.7.3 Financials
13.7.4 Key Developments
13.7.5 SWOT Analysis
13.8 Others

Chapter 14 MRFR Conclusion

14.1 Key Findings
14.1.1 From CEO's View Point
14.1.2 Unmet Needs of the Market
14.2 Key Companies to Watch
14.3 Prediction of the Picture Archiving and Communications Systems (PACS) Industry

Chapter 15 Appendix

LIST OF TABLES

Table 1 Picture Archiving and Communications Systems (PACS) Industry Synopsis, 2017–2023
<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Picture Archiving and Communications Systems (PACS) Market, by Region, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>4</td>
<td>Picture Archiving and Communications Systems (PACS) Market, by Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>5</td>
<td>Picture Archiving and Communications Systems (PACS) Market, by Component, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>6</td>
<td>Picture Archiving and Communications Systems (PACS) Market, by Imaging Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>7</td>
<td>Picture Archiving and Communications Systems (PACS) Market, by Delivery Mode, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>8</td>
<td>Picture Archiving and Communications Systems (PACS) Market, by End-User, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>9</td>
<td>North America Picture Archiving and Communications Systems (PACS) Market, by Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>11</td>
<td>North America Picture Archiving and Communications Systems (PACS) Market, by Imaging Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>14</td>
<td>U.S. Picture Archiving and Communications Systems (PACS) Market, by Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>16</td>
<td>U.S. Picture Archiving and Communications Systems (PACS) Market, by Imaging Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>19</td>
<td>Canada Picture Archiving and Communications Systems (PACS) Market, by Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>21</td>
<td>Canada Picture Archiving and Communications Systems (PACS) Market, by Imaging Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>22</td>
<td>Canada Picture Archiving and Communications Systems (PACS) Market, by Delivery Mode, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>24</td>
<td>South America Picture Archiving and Communications Systems (PACS) Market, by Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>26</td>
<td>South America Picture Archiving and Communications Systems (PACS) Market, by Imaging Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>27</td>
<td>South America Picture Archiving and Communications Systems (PACS) Market, by Delivery Mode, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>28</td>
<td>South America Picture Archiving and Communications Systems (PACS) Market, by End-User, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>29</td>
<td>Europe Picture Archiving and Communications Systems (PACS) Market, by Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>31</td>
<td>Europe Picture Archiving and Communications Systems (PACS) Market, by Imaging Type, 2017–2023, (USD Million)</td>
</tr>
<tr>
<td>33</td>
<td>Europe Picture Archiving and Communications Systems (PACS) Market, by End-User, 2017–2023, (USD Million)</td>
</tr>
</tbody>
</table>