

# **VNA & PACS Market By Department (Cardiology, Radiology, Pathology, Oncology, Ortho), Enterprise, Delivery Mode (On Premise, Hybrid, Cloud), Vendor (PACS, ISV, Infrastructure), End User (Hospitals, Diagnostic Imaging Center) – Global Forecast To 2023**

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## **Abstracts**

VNA & PACS Market by Department (Cardiology, Radiology, Pathology, Oncology, Ortho), Enterprise, Delivery Mode (On premise, Hybrid, Cloud), Vendor (PACS, ISV, Infrastructure), End User (Hospitals, Diagnostic Imaging Center) - Global Forecast to 2023

The global VNA & PACS market is expected to grow at a CAGR of 7.2% from 2018 to reach \$3.87 billion by 2023. The factors such as growing investments in the medical imaging market, technological advancements in diagnostic imaging modalities and image management solutions, rapid growth in geriatric imaging volumes, growing adoption of health IT and EHRs, and rising focus on value-based care are driving the growth of VNA & PACS market. Moreover, increasing need for integration of PACS/VNA with EMR, growing penetration of artificial intelligence in medical imaging, and hybrid and cloud-based VNA represent high-growth opportunities that further supports the growth of this market. However, longer product lifecycle of VNA and budgetary constraints may hinder the growth of Vendor Neutral Archive (VNA) & Picture Archiving and Communication System (PACS) market to some extent.

Departmental PACS are widely adopted owing to significant adoption of PACS in radiology department where majority of the imaging studies are handled, managed, and stored; and rising incorporation of PACS into other specialties such as cardiology, ophthalmology, oncology, endoscopy, teleradiology, dermatology, pathology, neurology, and dentistry. Moreover, increasing pressure to improve care quality; increasing efforts

to enhance the patient experience and reduce costs; and rapid increase in capture, storage, indexing and sharing of medical images further supports the demand for departmental PACS.

Hospitals commanded the largest share of the global market in 2017 with significant patient population treated in hospitals, increasing focus to reduce the future need for costly and time-consuming data migrations, growing number of hospitals especially in developing countries, greater budget to implement advanced solutions such as VNA in hospitals, rising aging population and burden of chronic diseases, increasing adoption of medical imaging equipment leading to rising volume of images to be managed efficiently, growing demand for enterprise-wide image data management in hospitals, and growing emphasis on value-based care.

An in-depth analysis of the geographical scenario of the industry provides detailed qualitative and quantitative insights about the five major geographies (North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa) along with the coverage of major countries in each region. North America commanded the largest share of the Vendor Neutral Archive (VNA) & Picture Archiving and Communication System (PACS) market in 2017, followed by Europe and Asia-Pacific. The large share of this region is mainly attributed to factors such as presence of major health IT and VNA & PACS companies in the U.S., implementation of HITECH and ACA in the U.S., growing adoption of EHRs, increasing demand for standard-based medical image archiving and non-DICOM content management, technological advancements in diagnostic imaging modalities, and rapidly growing big data in healthcare.

Some of the major players operating in the Vendor Neutral Archive (VNA) & Picture Archiving and Communication System (PACS) market are Agfa-Gevaert, BridgeHead Software Limited, Carestream Health, Inc., FUJIFILM Medical Systems U.S.A., GE Healthcare, Hyland Software, Inc., Merge Healthcare Inc. (IBM), Mach7 Technologies, McKesson Corporation (Change Healthcare), Novarad Corporation, Koninklijke Philips N.V., and Siemens Healthineers, Sectra AB, INFINITT Healthcare CO., among many others.

## **SCOPE OF THE REPORT:**

PACS Market by Procurement Model

Departmental PACS  
Radiology PACS

Cardiology PACS

Other Departments

Enterprise PACS

VNA Market by Delivery Model

On-Premise VNA

Hybrid VNA

Fully Cloud-based VNA

VNA Market by Procurement Model

Departmental VNA

Enterprise VNA

Multi-departmental

Multi-site

VNA Market by Vendor Type

PACS Vendors

Independent Software Vendors

Infrastructure Vendors

VNA & PACS Market by Enduser

Hospitals

Diagnostic Imaging Centers

Other End Users

## Market by Geography

North America

U.S.

Canada

Europe

Germany

Spain

France

U.K.

Italy

Rest of Europe (RoE)

Asia-Pacific (APAC)

China

Japan

India

Rest of APAC (RoAPAC)

Rest of World

Latin America

Middle East and Africa

## Contents

### 1. INTRODUCTION

- 1.1. Market Definition
- 1.2. Currency and Limitations
  - 1.2.1. Currency
  - 1.2.2. Limitations
- 1.3. Key Stakeholders

### 2. RESEARCH METHODOLOGY

- 2.1. Research Process
  - 2.1.1. Secondary Research
  - 2.1.2. Primary Research

### 3. EXECUTIVE SUMMARY

### 4. MARKET INSIGHTS

- 4.1. Introduction
- 4.2. Drivers
  - 4.2.1. Growing Investments in the Medical Imaging Market
  - 4.2.2. Technological Advancements in Diagnostic Imaging Modalities
  - 4.2.3. Rising Geriatric Imaging Volumes
  - 4.2.4. Rapidly Growing Big Data in Healthcare
  - 4.2.5. Growing Health IT and EHR Adoption
- 4.3. Restraints
  - 4.3.1. Longer product lifecycle of VNA
  - 4.3.2. Budgetary Constraints
- 4.4. Opportunities
  - 4.4.1. Integration of PACS/VNA with EMR
  - 4.4.2. Penetration of Artificial Intelligence (AI) in Medical Imaging
  - 4.4.3. Hybrid & Cloud-Based Solutions Represent High-Growth Opportunities
  - 4.4.4. Rapidly Growing Field of Telehealth
- 4.5. Challenges
  - 4.5.2. Data Migration
  - 4.5.3. Lack of Interoperability
- 4.6. Market Share Analysis, by Key Players

## **5. PACS MARKET, BY PROCUREMENT MODEL**

- 5.1. Introduction
- 5.2. Departmental PACS
  - 5.2.1. Radiology PACS
  - 5.2.2. Cardiology PACS
  - 5.2.3. Others
- 5.3. Enterprise PACS

## **6. VNA MARKET, BY DELIVERY MODEL**

- 6.1. Introduction
- 6.2. On-Premise VNA
- 6.3. Hybrid VNA
- 6.4. Fully Cloud-Based VNA

## **7. VNA MARKET, BY PROCUREMENT MODEL**

- 7.1. Introduction
- 7.2. Enterprise VNA
  - 7.2.1. Multi-Departmental VNA
  - 7.2.2. Multi-Site VNA
- 7.3. Departmental VNA

## **8. VNA MARKET, BY VENDOR TYPE**

- 8.1. Introduction
- 8.2. PACS Vendors
- 8.3. Independent Software Vendors
- 8.4. Infrastructure Vendors

## **9. VNA & PACS MARKET, BY END USER**

- 9.1. Introduction
- 9.2. Hospitals
- 9.3. Diagnostic Imaging Centers
- 9.4. Others

## **10. VNA & PACS MARKET, BY GEOGRAPHY**

- 10.1. Introduction
- 10.2. North America
  - 10.2.1. U.S.
  - 10.2.2. Canada
- 10.3. Europe
  - 10.3.1. Germany
  - 10.3.2. U.K.
  - 10.3.3. France
  - 10.3.4. Italy
  - 10.3.5. Spain
  - 10.3.6. RoE
- 10.4. Asia-Pacific
  - 10.4.1. Japan
  - 10.4.2. China
  - 10.4.3. India
  - 10.4.4. Rest of Asia-Pacific (RoAPAC)
- 10.5. Rest of the World (RoW)
  - 10.5.1. Latin America
  - 10.5.2. Middle East & Africa

## **11. COMPANY PROFILES (BUSINESS OVERVIEW, FINANCIAL OVERVIEW, PRODUCT PORTFOLIO, STRATEGIC DEVELOPMENTS)**

- 11.1. Agfa-Gevaert Group
- 11.2. BridgeHead Software Ltd
- 11.3. Carestream Health, Inc.
- 11.4. FUJIFILM Medical Systems U.S.A., Inc.
- 11.5. GE Healthcare
- 11.6. Hyland Software, Inc.
- 11.7. INFINITT Healthcare Co., Ltd.
- 11.8. Merge Healthcare Inc. (An IBM Company)
- 11.9. Mach7 Technologies
- 11.10. McKesson Corporation (Change Healthcare)
- 11.11. Novarad
- 11.12. Philips Healthcare
- 11.13. Siemens Healthineers
- 11.14. Sectra AB



## **12. COMPETITIVE LANDSCAPE**

12.1. Introduction

12.2. Key Player Analysis

12.3. Partnerships, Agreements, Strategic Alliances & Collaborations

12.4. New Product & Service Launches, Upgradations & Enhancements, by Leading Players, 2015-2018

12.5. Mergers & Acquisitions

12.6. Expansion

## **13. APPENDIX**

13.1. Available Customization

## List Of Tables

### LIST OF TABLES

Table 1 VNA & PACS Market: Impact Analysis of Market Drivers (2018-2023)

Table 2 Global PACS & VNA Market Restraints: Impact Analysis (2018-2023)

Table 3 Global PACS Market Size, By Procurement Model, 2016-2023 (USD Million)

Table 4 Global Departmental PACS Market Size, By Type, 2016-2023 (USD Million)

Table 5 Global Departmental PACS Market Size, by Country/Region, 2016-2023 (USD Million)

Table 6 Global Radiology PACS Market Size, by Country/Region, 2016-2023 (USD Million)

Table 7 Global Cardiology PACS Market Size, by Country/Region, 2016-2023 (USD Million)

Table 8 Global PACS Market Size for Other Departments, by Country/Region, 2016-2023 (USD Million)

Table 9 Global Enterprise PACS Market Size, by Country/Region, 2016-2023 (USD Million)

Table 10 Global VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 11 Global On-Premise VNA Market Size, by Country/ Region, 2016-2023 (USD Million)

Table 12 Global Hybrid VNA Market Size, by Country/ Region, 2016-2023 (USD Million)

Table 13 Global Fully Cloud-Based VNA Market Size, by Country/ Region, 2016-2023 (USD Million)

Table 14 Global VNA Market, by Procurement Model, 2016-2023 (USD Million)

Table 15 Global Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 16 Global Enterprise VNA Market Size, by Country/ Region, 2016-2023 (USD Million)

Table 17 Global Multi-Departmental VNA Market Size, by Country/ Region, 2016-2023 (USD Million)

Table 18 Global Multi-Site VNA Market Size, by Country/ Region, 2016-2023 (USD Million)

Table 19 Global Departmental VNA Market Size, by Country/ Region, 2016-2023 (USD Million)

Table 20 Global VNA Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 21 Global VNA Market Size for PACS Vendors, by Country/ Region, 2016-2023 (USD Million)

Table 22 Global VNA Market Size for Independent Software Vendors, by Country/ Region, 2016-2023 (USD Million)

Table 23 Global VNA Market Size for Infrastructure Vendors, by Country/ Region, 2016-2023 (USD Million)

Table 24 Global VNA & PACS Market Size, by End User, 2016-2023 (USD Million)

Table 25 Global PACS & VNA Market Size For Hospitals, by Country/ Region, 2016-2023 (USD Million)

Table 26 Global PACS & VNA Market Size For Diagnostic Centers, by Country/ Region, 2016-2023 (USD Million)

Table 27 Global PACS & VNA Market Size For Other End Users, by Country/ Region, 2016-2023 (USD Million)

Table 28 Global VNA & PACS Market Size, by Country/Region, 2016-2023 (USD Million)

Table 29 Global PACS Market Size, by Country/Region, 2016-2023 (USD Million)

Table 30 Global VNA Market Size, by Country/ Region, 2016-2023 (USD Million)

Table 31 North America: PACS & VNA Market Size, by Country, 2016-2023 (USD Million)

Table 32 North America: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 33 North America: PACS Market Size, by Procurement Model, by Country, 2016-2023 (USD Million)

Table 34 North America: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 35 North America: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 36 North America: Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 37 North America: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 38 North America: Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 39 North America: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 40 U.S.: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 41 U.S.: PACS Market Size, by Procurement Model, by Country, 2016-2023 (USD Million)

Table 42 U.S.: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 43 U.S.: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 44 U.S.: Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 45 U.S.: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 46 U.S.: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 47 U.S.: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 48 Canada: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 49 Canada: PACS Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 50 Canada: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 51 Canada: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 52 Canada: Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 53 Canada: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 54 Canada: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 55 Canada: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 56 Europe: PACS & VNA Market Size, by Country, 2016-2023 (USD Million)

Table 57 Europe: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 58 Europe: PACS Market Size, by Procurement Model, by Country, 2016-2023 (USD Million)

Table 59 Europe: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 60 Europe: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 61 Europe: Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 62 Europe: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 63 Europe: Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 64 Europe: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 65 Number of Radiography Equipment installed in Germany, 2017

Table 66 Germany: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 67 Germany: PACS Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 68 Germany: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 69 Germany: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 70 Germany: Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 71 Germany: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 72 Germany: Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 73 Germany: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 74 U.K.: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 75 U.K.: PACS Market Size, by Procurement Model, by Country, 2016-2023 (USD Million)

Table 76 U.K.: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 77 U.K.: Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 78 U.K.: Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 79 U.K.: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 80 U.K.: Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 81 U.K.: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 82 Number of Radiography Equipment installed in France, 2017

Table 83 France: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 84 France: PACS Market Size, by Procurement Model, by Country, 2016-2023 (USD Million)

|   |
|---|
| Table 85 France: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)            |
| Table 86 France: Market Size, by Delivery Model, 2016-2023 (USD Million)                    |
| Table 87 France: Market Size, by Procurement Model, 2016-2023 (USD Million)                 |
| Table 88 France: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)               |
| Table 89 France: Market Size, by Vendor Type, 2016-2023 (USD Million)                       |
| Table 90 France: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)               |
| Table 91 Number Of Radiography Equipment installed in Italy, 2017                           |
| Table 92 Italy: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)                    |
| Table 93 Italy: PACS Market Size, by Procurement Model, by Country, 2016-2023 (USD Million) |
| Table 94 Italy: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)             |
| Table 95 Italy: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)                 |
| Table 96 Italy: Market Size, by Procurement Model, 2016-2023 (USD Million)                  |
| Table 97 Italy: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)                |
| Table 98 Italy: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)                    |
| Table 99 Italy: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)                |
| Table 100 Number of Radiography Equipment installed in Spain, 2017                          |
| Table 101 Spain: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)                   |
| Table 102 Spain: PACS Market Size, by Procurement Model, 2016-2023 (USD Million)            |
| Table 103 Spain: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)            |
| Table 104 Spain: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)                |
| Table 105 Spain: Market Size, by Procurement Model, 2016-2023 (USD Million)                 |
| Table 106 Spain: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)               |
| Table 107 Spain: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)                   |
| Table 108 Spain: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)               |
| Table 109 RoE: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)                     |
| Table 110 RoE: PACS Market Size, by Procurement Model, by Country, 2016-2023 (USD Million)  |
| Table 111 RoE: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)              |
| Table 112 RoE: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)                  |
| Table 113 RoE: Market Size, by Procurement Model, 2016-2023 (USD Million)                   |
| Table 114 RoE: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)                 |
| Table 115 RoE: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)                     |
| Table 116 RoE: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)                 |
| Table 117 Asia-Pacific: PACS & VNA Market Size, by Country, 2016-2023 (USD Million)         |
| Table 118 Asia-Pacific: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)            |
| Table 119 Asia-Pacific: PACS Market Size, by Procurement Model, 2016-2023 (USD Million)     |
| Table 120 Asia-Pacific: Departmental PACS Market Size, by Type, 2016-2023 (USD              |



Million)

Table 121 Asia-Pacific: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 122 Asia-Pacific: Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 123 Asia-Pacific: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 124 Asia-Pacific: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 125 Asia-Pacific: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 126 Japan: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 127 Japan: PACS Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 128 Japan: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 129 Japan: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 130 Japan: Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 131 Japan: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 132 Japan: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 133 Japan: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 134 China: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 135 China: PACS Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 136 China: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 137 China: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 138 China: Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 139 China: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 140 China: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 141 China: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 142 India: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 143 India: PACS Market Size, by Procurement Model, by Country, 2016-2023 (USD Million)

Table 144 India: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 145 India: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 146 India: Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 147 India: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 148 India: VNA Market Size, By Vendor Type, 2016-2023 (USD Million)

Table 149 India: PACS & VNA Market Size, By End-User, 2016-2023 (USD Million)

Table 150 RoAPAC: PACS & VNA Market Size, By Type, 2016-2023 (USD Million)

Table 151 RoAPAC: PACS Market Size, By Procurement Model, 2016-2023 (USD Million)

Table 152 RoAPAC: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 153 RoAPAC: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 154 RoAPAC: Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 155 RoAPAC: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 156 RoAPAC: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 157 RoAPAC: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 158 RoW: PACS & VNA Market Size, by Country/Region, 2016-2023 (USD Million)

Table 159 RoW: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 160 RoW: PACS Market Size, By Procurement Model, By 2016-2023 (USD Million)

Table 161 RoW: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 162 RoW: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 163 RoW: VNA Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 164 RoW: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 165 RoW: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 166 Row: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 167 Latin America: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 168 Latin America: PACS Market Size, by Procurement Model, by Country, 2016-2023 (USD Million)

Table 169 Latin America: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 170 Latin America: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 171 Latin America: VNA Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 172 Latin America: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Table 173 Latin America: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 174 Latin America: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 175 Middle East & Africa: PACS & VNA Market Size, by Type, 2016-2023 (USD Million)

Table 176 Middle East & Africa: PACS Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 177 Middle East & Africa: Departmental PACS Market Size, by Type, 2016-2023 (USD Million)

Table 178 Middle East & Africa: VNA Market Size, by Delivery Model, 2016-2023 (USD Million)

Table 179 Middle East & Africa: VNA Market Size, by Procurement Model, 2016-2023 (USD Million)

Table 180 Middle East & Africa: Enterprise VNA Market Size, by Type, 2016-2023 (USD Million)

Million)

Table 181 Middle East & Africa: VNA Market Size, by Vendor Type, 2016-2023 (USD Million)

Table 182 Middle East & Africa: PACS & VNA Market Size, by End-User, 2016-2023 (USD Million)

Table 183 Number of Developments Made by The Profiled Companies, January 2015-June 2018

Table 184 Partnerships, Agreements, Strategic Alliances & Collaborations

Table 185 New Product Launches, Upgradations & Enhancements



## List Of Figures

### LIST OF FIGURES

- Figure 1 Market Ecosystem
- Figure 2 Key Stakeholders of VNA & PACS Market
- Figure 3 Research Process
- Figure 4 Key Executives Interviewed
- Figure 5 Primary Research Techniques
- Figure 6 Market Size Estimation
- Figure 7 Key Opportunities
- Figure 8 Scope of VNA & PACS Market
- Figure 9 PACS Market, by Procurement Type
- Figure 10 VNA Procurement Market, by Procurement Model
- Figure 11 VNA Market, by Delivery Model
- Figure 12 VNA Market, by Vendor Type
- Figure 13 VNA & PACS Market, by End-User
- Figure 14 Key Adopters
- Figure 15 Market Dynamics
- Figure 16 Percentage Distribution of Population Aged 65 and Over, by Region, 2015-2050
- Figure 17 Percentage of Hospitals Using Computerized Telehealth Systems in The U.S., 2014-2016
- Figure 18 Global VNA & PACS Market Size, by Country/Region, 2018-2023 (USD Million)
- Figure 19 North America: PACS & VNA Market Size, by Country, 2016-2023 (USD Million)
- Figure 20 Population Over 65 Years in the U.S., 2016-2060
- Figure 21 Americas- VNA Market by Business Model
- Figure 22 Percentage of Population, by Age in Canada, 2017
- Figure 23 Proportion of the Population, 65 Years and Over in Canada, 2017-2031
- Figure 24 Key Findings in Canada, 2017
- Figure 25 Number of Persons Aged 60 Years or Over in Europe, in 2017 And 2050
- Figure 26 Total Number of CT/MR Examination in Europe, 2009-2016
- Figure 27 Decomposition of the German Population by Age Group, 2016-2070
- Figure 28 Medical Image Management Systems in the U.K., 2015
- Figure 29 Healthcare Spending in France, 2005-2015
- Figure 30 Medical Image Management Systems in France, 2015
- Figure 31 Population Above 65 Years in Italy, 2012-2018

Figure 32 Asia-Pacific: PACS & VNA Market Size, by Country, 2018-2023 (USD Million)

Figure 33 Aging Population in China, 2017-2050

Figure 34 RoW: PACS & VNA Market Size, by Country/Region, 2018-2023 (USD Million)

Figure 35 Healthcare Spending USD Per Head in Latin America, 2013-2017

Figure 36 Healthcare Spending in Latin American Countries, 2015-2017

Figure 37 Agfa-Gevaert: Financial Overview (2015-2017)

Figure 38 ONEX Corporation: Financial Overview (2015-2017)

Figure 39 FUJIFILM Holdings Corporation: Financial Overview (2015-2017)

Figure 40 GE Healthcare: Financial Overview (2015-2017)

Figure 41 IBM Corporation: Financial Overview (2015-2017)

Figure 42 Mach7 Technologies: Financial Overview (2015-2017)

Figure 43 McKesson Corporation: Financial Overview (2016-2018)

Figure 44 Philips Group: Financial Overview (2015-2017)

Figure 45 Siemens AG: Financial Overview (2015-2017)

Figure 46 Sectra AB: Financial Overview (2015-2017)

Figure 47 Key Growth Strategies Adopted by Key Players -January 2015- August 2018

Figure 48 Partnerships, Agreements, Strategic Alliances & Collaborations, by Leading Players, 2015-2018

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