

China VNA and PACS Market by Department (Cardiology, Radiology, Pathology, Oncology), Enterprise, Delivery Mode (On premise, web/cloud based, hybrid), Vendor (PACS, ISV, Infrastructure), End User (Hospitals, Diagnostic Imaging Center) - Forecast to 2023

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Abstracts

China Vendor Neutral Archive (VNA) & Picture Archiving and Communication System (PACS) market is expected to grow at a CAGR of 14.2% from 2018 to 2023. Market is driven by factors such as favorable healthcare reforms, growing economy and disposable income, rising geriatric imaging volumes, growing adoption of advanced medical technologies and health IT, and increasing installation of diagnostic imaging modalities. In addition, penetration of artificial intelligence in medical imaging, rapidly growing field of telehealth, and adoption of advanced modalities especially in Level III hospitals provides significant opportunity for PACS & VNA market growth during the forecast period.

Country outlook

Healthcare system in China has tremendous potential. The rapid technological development along with improving living standard of China's growing middle and upper classes has resulted in the growing adoption of advanced and hi-tech solutions by the hospitals. In addition, government's focus also triggers the market growth to some extent. For instance, the domestic healthcare industry has started supporting healthcare AI startups in China, providing them with easier access to healthcare data to train their algorithms, assisted by the relatively flexible regulations. Technological advancements such as big data and artificial intelligence in machine learning are going to lead the

medical imaging market in China, thereby bolstering the VNA & PACS market in the coming years.

Key Findings in the China Vendor Neutral Archive (VNA) & Picture Archiving and Communication System (PACS) Market Study:

Vendor Neutral Archive (VNA) to Witness Fastest Growth

PACS dominates the market as it has been traditionally adopted in the field of radiology, cardiology and other departments to replace film-based image retrieval, distribution, and display. However, VNA segment is expected to grow at a fastest CAGR during the forecast period.

Departmental PACS Dominates the China Picture Archiving and Communication System (PACS) Market

Departmental PACS market held the largest share of Picture Archiving and Communication System (PACS) market in China. The factors such as increasing pressure to improve care quality, growing efforts to enhance the patient experience and reduce costs, emerging field of telehealth, and growing applications of imaging in other specialties than radiology supports the demand for departmental PACS in the country.

Hospitals dominate the China VNA/PACS market and also Witness Largest Demand Through 2023

Hospitals were the leading adopters of PACS & VNA in China and commanded the largest share of this market. The largest share and highest CAGR of this segment is primarily attributed to significant number of Chinese citizens being treated in hospitals, growing number of private hospitals, greater budget to implement advanced solutions such as PACS, rising aging population and burden of chronic diseases such as cancer, and growing health IT investments in hospitals. Hospitals are further segmented into public hospitals and private hospitals. Public hospitals are further segmented into tier I, tier II, and tier III hospitals. Tier III hospitals commanded the largest share of VNA & PACS market in China, owing to changing economy and increasing middle class population, advanced specialists and equipment, increasing prevalence of cancer, demand of better healthcare services, public trust towards Level III Hospitals, and access to state-of-the-art technology.

Key Players

The report includes competitive landscape based on extensive assessment of the key strategic developments adopted by leading market participants in the industry over the past 3 years (2015-2018). The key players profiled in the China Vendor Neutral Archive (VNA) & Picture Archiving and Communication System (PACS) market research report include Xi'an Huahai Medical Info-Tech Co. Ltd., EBM Technologies Inc., Beijing Tianjian Source Technology Co. Ltd., Neusoft Corporation, GE Healthcare, Shenzhen Mindray Bio-Medical Electronics Co., Ltd, Winning Health Technology Group Co (formerly Shanghai Kingstar Winning), Carestream, Anke, Fujifilm, INFINITT, Zhonglian, and Landwind among others.

Scope of the Report:

China VNA & PACS Market by Type

PACS

VNA

China PACS Market by Procurement Model

Departmental PACS

Radiology PACS

Cardiology PACS

Other Departments

Enterprise PACS

China PACS Market by Delivery Model

On-Premises PACS

On demand PACS (web/cloud/hybrid)

China VNA Market by Procurement Model

Departmental VNA

Enterprise VNA

Multi-departmental VNA

Multi-site VNA

China VNA Market by Delivery Model

On-premise VNA

Hybrid VNA

Fully Cloud-based VNA

China VNA Market by Vendor Type

PACS Vendors

Independent Software Vendors

Infrastructure Vendors

China VNA & PACS Market by End-user

Hospitals

Public Hospitals

Tier I Hospitals

Tier II Hospitals

Tier III Hospitals

Private Hospitals

Diagnostic Imaging Centers

Other End Users.

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