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Healthcare Cloud Computing Market by Offering (Solutions, Services), Business Model, Deployment Mode (Public Cloud, Hybrid Cloud, Private Cloud), End User (Healthcare Providers, Healthcare Payers), and Geography - Global Forecast to 2030

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Abstracts

‘Healthcare Cloud Computing Market by Offering (Solutions, Services), Business Model, Deployment Mode (Public Cloud, Hybrid Cloud, Private Cloud), End User (Healthcare Providers, Healthcare Payers), and Geography—Global Forecast to 2030.’

The research report titled ‘Global Healthcare Cloud Computing Market by Offering (Solutions, Services), Business Model, Deployment Mode (Public Cloud, Hybrid Cloud, Private Cloud), End User (Healthcare Providers, Healthcare Payers), and Geography—Global Forecast to 2030’ provides an in-depth analysis of global healthcare cloud computing market in five major geographies and emphasizes on the current market trends, market sizes, market shares, recent developments, and forecasts till 2030.

The global healthcare cloud computing market is projected to reach $110.2 billion by 2030, at a CAGR of 17.8s% during the forecast period of 2023–2030.

The growth of the healthcare cloud computing market is driven by the growing need for personalized medicines and the increasing adoption of analytics and IoT in the healthcare sector. However, growing data security & privacy concerns restrain the growth of this market.

The increasing demand for healthcare cloud computing solutions for clinical research & drug development and the growing use of blockchain technology for managing

electronic health records are expected to generate market growth opportunities. However, complexities in data migration and stringent regulatory compliance are major challenges for market stakeholders.

The global healthcare cloud computing market is segmented by offering (solutions [clinical information systems {electronic health record systems, laboratory information system, telemedicine and telehealth platforms, radiology information system, remote patient monitoring systems, clinical decision support systems, and other clinical information systems}, non-clinical information systems {practice management solutions, revenue cycle management solutions, supply chain management solutions, human resources management solutions, and other non-clinical information solutions}, and healthcare operation management solutions {customer relationship management solutions, claims management solutions, fraud management solutions, network management solutions, and other healthcare operation management solutions}] and services [professional services and managed services]), service model (software-as-a-service, infrastructure-as-a-service, business-process-as-a-service, and platform-as-a-service), deployment mode (public cloud, private cloud, and hybrid cloud), and end user (healthcare providers and healthcare payers). The study also evaluates industry competitors and analyzes the market at geographical levels.

Based on offering, the global healthcare cloud computing market is segmented into solutions and services. In 2023, the solutions segment is expected to account for the larger share of the global healthcare cloud computing market. The large market share of this segment is attributed to the growing need for clinical information systems to support and streamline clinical operations, improve patient care, and enhance overall efficiency, the rising adoption of non-clinical information systems for managing administrative, financial, and operational aspects of healthcare organizations, and efforts by companies to provide healthcare operation management solutions for claims processing, member management, provider networks, and payment processing.

However, the services segment is projected to register the highest CAGR during the forecast period due to the increasing need for professional services to adopt, implement, and optimize healthcare cloud computing solutions, the growing need for managed services such as data security and compliance, infrastructure scalability, cost optimization, data backup and recovery, and increasing need to offer partial or complete management of a client's cloud resources or infrastructure.

Based on service models, the global healthcare cloud computing market is segmented into software-as-a-service, platform-as-a-service, infrastructure-as-a-service, and business process-as-a-service. In 2023, the software-as-a-service segment is expected to account for the largest share of the global healthcare cloud computing market. The large market share of this segment is attributed to the increasing need to improve healthcare business operations, increase productivity, data security, and privacy for healthcare data and the growing need for improved data management. Additionally, this segment is expected to register the highest CAGR during the forecast period.

Based on deployment mode, the global healthcare cloud computing market is segmented into public cloud, private cloud, and hybrid cloud. In 2023, the public cloud segment is expected to account for the largest share of the global healthcare cloud computing market. The large market share of this segment is attributed to the secure and reliable remote access to healthcare systems, benefits offered by public healthcare cloud systems such as cost-effectiveness, scalability, and flexibility, and efforts by market players to launch healthcare cloud computing services. Additionally, this segment is expected to register the highest CAGR during the forecast period.

Based on end user, the global healthcare cloud computing market is segmented into healthcare providers and healthcare payers. In 2023, the healthcare provider segment is expected to account for the larger share of the global healthcare cloud computing market. The large market share of this segment is attributed to the increasing focus by market players to launch electronic health record systems and telemedicine & telehealth platforms, the increasing adoption of telemedicine and remote patient monitoring solutions among healthcare providers, the rising adoption of clinical information systems among healthcare providers, and the growing need to exchange patient information between healthcare providers.

However, the healthcare payers segment is expected to register the highest CAGR during the forecast period due to the growing need for cloud computing platforms for claims processing and settlement, the increasing proliferation of cloud computing solutions for fraud detection and prevention, and the growing popularity of cloud-based collaboration tools and communication platforms.

Based on geography, the healthcare cloud computing market is segmented into North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa. In 2023, North America is expected to account for the largest share of the global healthcare cloud computing market. North America’s significant market share can be attributed to the presence of prominent players offering advanced healthcare cloud computing solutions & services, the high adoption rate of digital technologies and advanced healthcare systems, the surge in demand for telemedicine and remote patient monitoring solutions, and the proliferation of cloud-based EHR systems.

However, the Asia-Pacific region is projected to register the highest CAGR during the forecast period. The growth of this region is driven by the exerting efforts by market players to launch healthcare cloud computing solutions, Government initiatives and policies that support the adoption of healthcare cloud computing solutions, and the growing popularity of telemedicine and telehealth platforms across the region.

The key players operating in the healthcare cloud computing market are Amazon Web Services, Inc (U.S.) (a subsidiary of Amazon.com, Inc.), Microsoft Corporation (U.S.), IBM Corporation (U.S.), Google LLC (U.S.), Alibaba Group Holding Limited (China), Oracle Corporation (U.S.), IRON MOUNTAIN INCORPORATED (U.S.), AT & T Inc. (U.S.), NVIDIA Corporation (U.S.), GE HealthCare Technologies Inc. (a subsidiary of General Electric Company) (U.S.), OSP (U.S.), Zymr Inc. (U.S.), athenahealth, Inc. (U.S.), eClinicalWorks, LLC (U.S.), and e-Zest Solutions Inc. (U.S.).

Key Questions Answered in the Report:

- Which are the high-growth market segments in terms of offering, service model, deployment mode, and end user?
- What is the historical market size for the global healthcare cloud computing market?
- What are the market forecasts and estimates for 2023–2030?
- What are the major drivers, restraints, opportunities, challenges, and trends in the global healthcare cloud computing market?
- Who are the major players in the global healthcare cloud computing market, and what are their market shares?
- What is the competitive landscape like?
- What are the recent developments in the global healthcare cloud computing market?
- What are the geographic trends and high-growth countries?

Who are the local emerging players in the global healthcare cloud computing market, and how do they compete with other players?

Healthcare Cloud Computing Market Assessment—By Offering

Solutions

Clinical Information Systems

Electronic Health Record Systems

Laboratory Information System

Telemedicine and Telehealth Platforms

Radiology Information System

Remote Patient Monitoring Systems

Clinical Decision Support Systems

Other Clinical Information Systems

Non-clinical Information Systems

Practice Management Solutions

Revenue Cycle Management Solutions

Supply Chain Management Solutions

Human Resources Management Solutions

Other Non-clinical Information Solutions

Healthcare Operation Management Solutions

Customer Relationship Management Solutions

Claims Management Solutions

Fraud Management Solutions

Network Management Solutions

Other Healthcare Operation Management Solutions

Services

Professional Services

Managed Services

Healthcare Cloud Computing Market Assessment—By Service Model

Software-as-a-Service

Infrastructure-as-a-Service

Business Process-as-a-Service

Platform-as-a-Service

Healthcare Cloud Computing Market Assessment—By Deployment Mode

Public Cloud

Private Cloud

Hybrid Cloud

Healthcare Cloud Computing Market Assessment—By End User

Healthcare Providers

Healthcare Payers

Healthcare Cloud Computing Market Assessment—By Geography

North America

U.S.

Canada

Asia-Pacific

China

Japan

India

Singapore

South Korea

Rest of Asia-Pacific

Europe

U.K.

Germany

Italy

France

Spain

Rest of Europe

Latin America

Middle East & Africa

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