

Healthcare Cloud Computing Market: Market Segments: By Service (IAAS, PAAS and SAAS); By Deployment Model (Public, Private and Hybrid Cloud); By Application (Clinical Information System and Non-clinical Information System); By Pricing Model Pay-as-you-go and Spot Pricing); and Region – Global Analysis by Market Size, Share & Trends for 2014 – 2020 and Forecasts to 2030

<https://marketpublishers.com/r/H91974876F65EN.html>

Date: June 2022

Pages: 173

Price: US\$ 4,950.00 (Single User License)

ID: H91974876F65EN

Abstracts

Product Overview

Healthcare Cloud Infrastructure also offers real-time data storage and increases data accessibility for organizations to store, handle and process data from various locations and deliver hosted services over the internet. Healthcare Cloud Infrastructure allows the healthcare sector to store and view data remotely in various ways, such as allowing professionals. Cloud computing increases the processing of data in real-time and enhances data usability. By offering more speed and reliability in data handling, it has outpaced the traditional paper healthcare system.

Market Highlights

Healthcare Cloud Computing Market is expected to project a notable CAGR of 17.6% in 2030.

Healthcare Cloud Computing Market to surpass USD 66.3 Billion by 2030 from USD 26.5 Billion in terms of value growing at a CAGR of 17.6% throughout the forecast period, i.e., 2020-30. Growing adoption by healthcare professionals of cloud computing software is expected to drive industry growth. Business growth is also expected from the expansion of the high-speed internet and the introduction of favorable regulatory

actions. Increasing demand from healthcare players such as Cisco, IBM, GE Healthcare, and government organizations for strict regulatory enforcement, public awareness, and increasing investment is expected to generate a demand during the study period for this technique. Factors such as technical improvement in the healthcare sector, the growing emphasis on healthcare digitization, and the increasing implementation of cloud-based HCIT technologies by healthcare providers to enhance the treatment process can be attributed to growth in the healthcare cloud computing market in the coming years.

Healthcare Cloud Computing Market: Segments

Public cloud segment to grow with the highest CAGR of 13.2% during 2020-30

Healthcare Cloud Computing Market is segmented by deployment model as public cloud, private cloud, and hybrid cloud. The private cloud deployment model segment is estimated to lead the market with a share of XX.X% in 2019. The private on-premise cloud offers high-security solutions and provides network access. For larger organizations that have IT personnel and security experience, private cloud storage works well. In addition, the on-premise private cloud enables companies to install their own software and comply with any enforcement concerns, leading to increased adoption in the coming years. A single company typically owns and manages private cloud computing software. As it offers more control over infrastructure, cloud clients, and computational resources than the public cloud, healthcare providers implement private cloud computing solutions.

Supercritical Segment to grow with the highest CAGR during 2020-30

Healthcare Cloud Computing Market is segmented by service into software-as-a-service (SaaS), platform-as-a-service (PaaS), and infrastructure-as-a-service (IaaS). The SaaS model segment accounted for the largest revenue share of XX.X% in 2019 owing to its several advantages over on-premise solutions, such as security, the lower total cost of ownership, faster deployment time, and limited up-front capital expenses. The demand among healthcare providers for healthcare cloud computing is mainly driven by its multi-tenant service that allows unlimited users and offers users access at any time and anywhere. It decreases operating costs and improves the usage of resources as this service is hosted by a supplier or a service provider. Several cloud computing systems, like SaaS, provide on-demand services to healthcare organizations. It offers easy access to business applications as well. Besides, such services improve patient relationship management, which enhances its adoption among healthcare providers, thus fostering market growth in the near future.

Healthcare Cloud Computing Market: Market Dynamics

Drivers

Access to Advance Technology

Access to advanced technologies such as machine learning and cloud use to minimize costs and enhance scalability, storage, and versatility are the major factors for the growth of the healthcare cloud computing industry. To store, handle and process data, cloud computing is the practice of using a network of remote servers hosted on the internet. It does not require or use a local server and eliminating infrastructural expenses, greatly reduces the total cost. In addition to one-time set-up costs, maintenance costs in the event of a cloud are often immense.

Rise in Adoption of Information Technology in the Healthcare Sector

Increased adoption of information technology in the healthcare sector, access to advanced technology, such as machine learning, and cloud use to minimise costs and increase scalability, storage, and versatility are the key reasons for the growth of the healthcare cloud computing industry. In order to store, handle and process data, cloud computing is the practice of using a network of remote servers hosted on the internet. It does not require or use a local server and eliminating infrastructural expenses, greatly reduces the total cost. In addition to one-time set-up costs, maintenance costs in the event of a cloud are often immense.

Restrain

Data Security and Integrity Issues

Major concern about cloud solutions is that vendor-hosted data is not as secure as data stored on-site. Patient information is considered sensitive and there is a need to ensure a high degree of privacy such that this information is available only to approved users. While the cloud has numerous advantages and security measures, the information stored on the cloud is still vulnerable to cyber-attacks. Data protection and privacy issues are growing increasingly with the increasing amount of patient data and rising efforts towards digital transformation in healthcare. In addition, patients themselves are concerned about the security of their data, which adds to the importance of maintaining data protection security standards. Like conventional IT systems, public clouds face similar security problems and are thus not favoured. While private clouds have more reliable protocols and frameworks for access, the healthcare industry remains sceptical about private cloud data protection.

Healthcare Cloud Computing Market: Key Players

Oracle Corp.

Company Overview

Business Strategy

Key Product Offerings

Financial Performance

Key Performance Indicators

Risk Analysis

Recent Development

Regional Presence

SWOT Analysis

Microsoft Corp.

EMC Corp.

Cisco Systems Inc.

VMWare, Inc.

Merge Healthcare, Inc.

Iron Mountain, Inc.

IBM Corporation

Global Net Access (GNAX)

Dell Inc.

Clardata Networks, Inc.

Carestream Health, Inc.

Carecloud Corporation

Athenahealth, Inc

Healthcare Cloud Computing Market: Regions

Healthcare Cloud Computing Market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, APAC, and MENA.

Healthcare Cloud Computing Market in North America led the market with a lion share of XX.X in 2019 and is projected to maintain its lead over the forecast period.

Continuous technical advances in the cloud computing solution for healthcare have strengthened its acceptance among healthcare providers. In addition, the supportive regulatory scenario favors regional growth as it ensures that effective and updated software is available. During the forecast period, Asia Pacific is projected to rise at the highest CAGR. The growth of the healthcare cloud computing market in the Asia Pacific is driven by the evolving demographics in highly populated countries such as China and India, large volumes of patient data created as a result of the increasing disease burden in the region, and various government initiatives focusing on healthcare digitization. Growing investment in modernizing the country's healthcare infrastructure is therefore expected to drive the growth of the APAC region's healthcare cloud computing market.

Competitive Landscape:

The Healthcare Cloud Computing market, which is highly competitive, consists of

several major players such as IBM (US), athenahealth (US), Siemens Healthineers (Germany), Koninklijke Philips NV (Netherlands) hold a substantial market share in the Healthcare Cloud Computing market. Other players analyzed in this report are Allscripts Healthcare Solutions (US), Fujifilm Holdings (Japan), GE Healthcare (US) among others.

Key players are adopting inorganic growth strategies such as product launches in the global nutritional supplement market. For instance, In 2020, Allscripts (US) and Microsoft (US) extended their strategic alliance for five years to transform its cloud-based health IT solutions.

Healthcare Cloud Computing Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

APAC Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

MENA Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Healthcare Cloud Computing Market report also contains analysis on:

Healthcare Cloud Computing Market Segments:

By Service:

Infrastructure as a service (IaaS)

Platform as a service (PaaS)

Software as a service (SaaS)

By Deployment Model:

Private Cloud

Hybrid Cloud

Public Cloud

By Application:

Clinical Information System

Computerized Physician Order Entry

Electronic Medical Records

Radiology Information System

Pharmacy Information System

Others

Non-clinical Information System

Automatic Patient Billing

Revenue Cycle Management

Claims Management

Others

By Pricing Model:

Pay-as-you-go

Spot Pricing

Healthcare Cloud Computing Market Dynamics

Healthcare Cloud Computing Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

FAQs on Healthcare Cloud Computing Market

Which segment is anticipated to hold the largest market share?

At what CAGR is the market anticipated to grow between 2020 and 2030?

Who are the key players in the Healthcare Cloud Computing Market?

What could be the challenging factors in the growth of Healthcare Cloud Computing Market?

What are the growth drivers for the Healthcare Cloud Computing Market?

Contents

1. EXECUTIVE SUMMARY

2. HEALTHCARE CLOUD COMPUTING MARKET

- 2.1. Product Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms

3. RESEARCH METHODOLOGY

- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation

4. AVERAGE PRICING ANALYSIS

5. MACRO-ECONOMIC INDICATORS

6. MARKET DYNAMICS

- 6.1. Growth Drivers
- 6.2. Restraints
- 6.3. Opportunity
- 6.4. Trends

7. CORRELATION & REGRESSION ANALYSIS

- 7.1. Correlation Matrix
- 7.2. Regression Matrix

8. RECENT DEVELOPMENT, POLICIES & REGULATORY LANDSCAPE

9. RISK ANALYSIS

9.1. Demand Risk Analysis

9.2. Supply Risk Analysis

10. HEALTHCARE CLOUD COMPUTING ANALYSIS

10.1. Porters Five Forces

10.1.1. Threat of New Entrants

10.1.2. Bargaining Power of Suppliers

10.1.3. Threat of Substitutes

10.1.4. Rivalry

10.2. PEST Analysis

10.2.1. Political

10.2.2. Economic

10.2.3. Social

10.2.4. Technological

11. HEALTHCARE CLOUD COMPUTING MARKET

11.1. Market Size & forecast, 2019A-2030F

11.1.1. By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

11.1.2. By Volume (Million Units) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12. HEALTHCARE CLOUD COMPUTING: MARKET SEGMENTATION

12.1. By Regions

12.1.1. North America: By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.2. Europe: By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.3. Asia-Pacific: By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.4. MEA: By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.5. Latin America: By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2. By Service: Market Share (2020-2030F)

12.2.1. Infrastructure as a service (IaaS), By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2.2. Platform as a service (PaaS), By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2.3. Software as a service (SaaS), By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.3. By deployment model: Market Share (2020-2030F)

12.3.1. Private Cloud, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.3.2. Hybrid Cloud, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.3.3. Public Cloud, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.4. By Application: Market Share (2020-2030F)

12.4.1. Clinical Information System, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.4.2. Non-clinical Information System, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.5. By Pricing Model: Market Share (2020-2030F)

12.5.1. Pay-as-you-go, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.5.2. Spot Pricing, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

Company Profile

1. ORACLE CORP.

1. COMPANY OVERVIEW

2. COMPANY TOTAL REVENUE (FINANCIALS)

3. MARKET POTENTIAL

4. GLOBAL PRESENCE

5. KEY PERFORMANCE INDICATORS

6. SWOT ANALYSIS

7. PRODUCT LAUNCH

2. MICROSOFT CORP.

- 3. EMC CORP.**
- 4. CISCO SYSTEMS INC.**
- 5. VMWARE, INC.**
- 6. MERGE HEALTHCARE, INC.**
- 7. IRON MOUNTAIN, INC.**
- 8. IBM CORPORATION**
- 9. GLOBAL NET ACCESS (GNAX)**
- 10. DELL INC.**
- 11. CLEARDATA NETWORKS, INC.**
- 12. CARESTREAM HEALTH, INC.**
- 13. CARECLOUD CORPORATION**
- 14. ATHENAHEALTH, INC.**

Consultant Recommendation

**The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

I would like to order

Product name: Healthcare Cloud Computing Market: Market Segments: By Service (IAAS, PAAS and SAAS); By Deployment Model (Public, Private and Hybrid Cloud); By Application (Clinical Information System and Non-clinical Information System); By Pricing Model Pay-as-you-go and Spot Pricing); and Region – Global Analysis by Market Size, Share & Trends for 2014 – 2020 and Forecasts to 2030

Product link: <https://marketpublishers.com/r/H91974876F65EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/H91974876F65EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970