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Data Center Automation Market by Solution Type(Storage Automation, Network Automation, Server Automation), Services(Consulting, Installation & Support Services), Operating Environment(Windows OS, Unix OS, Linux & Other OS), Industry Vertical(BFSI, IT & Telecom, Public Sector & Utilities, Energy, Manufacturing, Healthcare) - Global Opportunity Analysis and Industry Forecast, 2014-2022

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Abstracts

The global data center automation market was valued at $2,483 million in 2014, and is expected to grow at a CAGR of 19.6% to reach $8,619 million by 2022. Data center automation involves automation and management of the processes and workflow of a data center facility, such as data center operations and maintenance tasks that are performed manually by human operators. It is a technology that has replaced array of human actions or work, thus automating the flow of business processes, which were earlier done manually. Automation is already embedded in software systems to a great extent; for instance, customer information is linked across financial as well as procurement functions. However, mostly it is assumed as a part of the normal feature and functionality of a system, and generally not considered as automation, but simply termed as a more powerful system(s).
Efficiency is a key factor affecting the process of data center automation. New technologies are forcing data center providers to adopt innovative methods to increase efficiency, scalability, and reduce redundancy. The global data center automation market is segmented based on solution type, services, operating environment, industry vertical, and geography. Based on solution type, it is categorized into storage

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automation, network automation, and server automation. Based on services, it is bifurcated into consulting and installation & maintenance. By industry vertical, it is studied across BFSI, IT & telecom, public sector & utilities, energy manufacturing, healthcare, and others. The operating environment segment includes Windows operating system, Unix operating system, and Linux & other operating systems. Geographically, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA. North America is expected to dominate the global market, owing to healthy economic growth, increase in Internet connectivity, and high demand for automation.
Asia-Pacific is expected to grow at a CAGR of 25.3% during the forecast period, owing to the increased adoption of data center automation by industries and sectors. The Indian market possesses high market potential for data center automation, with companies such as HP, Microsoft, Oracle, Amazon, and IBM looking forward for better business opportunities.
Key players profiled in the study are VMware, Inc., BMC Software, Cisco Systems, Inc., IBM Corp., Hewlett Packard Enterprise, Microsoft Corp., Puppet, Citrix Systems, Inc., ServiceNow, Inc., and Chef Software, Inc.

KEY BENEFITS

The report provides an overview of the trends, structure, drivers, challenges, and opportunities in the global data center automation industry.

Porter’s Five Forces analysis highlights the potential of buyers & suppliers, and provides insights on the competitive structure of the market to determine the investment pockets.

Current trends and future estimations adopted by the key players are provided to determine the overall competitiveness of the market.

The quantitative analysis through 2014–2022 is provided to elaborate the market potential.

Data Center Automation Market Key Segments:
By Solution Type

Storage Automation

Network Automation

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Server Automation

By Services

Consulting

Installation & Support Services

By Operating Environment

Windows OS

Unix OS

Linux & Other OS

By Industry Vertical

BFSI

IT & Telecom

Public Sector & Utilities

Energy

Manufacturing

Healthcare

Others (Education & Retail)

By Geography

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North America

U.S.

Mexico

Canada

Europe

UK

Germany

France

Rest of Europe

Asia-Pacific

China

India

Japan

South Korea

Rest of Asia-Pacific

LAMEA

Latin America

Middle East & Africa

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Contents

CHAPTER 1 INTRODUCTION

1.1. Report description
1.2. Key benefits
1.3. Key market segments
1.4. Research methodology
  1.4.1. Secondary research
  1.4.2. Primary research
  1.4.3. Analyst tools and models

CHAPTER 2 EXECUTIVE SUMMARY

2.1. CXO PERSPECTIVE

CHAPTER 3 MARKET OVERVIEW

3.1. Market definition and scope
3.2. Key findings
  3.2.1. Top factors impacting the market
    3.2.1.1. Application across various industry verticals
    3.2.1.2. Higher energy efficiency
    3.2.1.3. Growing cloud computing, social media, online gaming, and big data applications
  3.2.2. Top investment pockets
  3.2.3. Top winning strategies
3.3. Porters five force analysis
  3.3.1. Moderate bargaining power of suppliers
  3.3.2. High bargaining power of buyers
  3.3.3. Low threat of substitute
  3.3.4. Moderate threat of new entrants
  3.3.5. High competitive rivalry
3.4. Market Player Positioning
3.5. Market Dynamics
  3.5.1. Drivers
    3.5.1.1. Application of data centers across various industry domains
    3.5.1.2. Energy efficiency
    3.5.1.3. Supporting business growth

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3.5.1.4. Efficiency and cost reduction
3.5.2. Restraints
3.5.2.1. Power failure
3.5.2.2. Storage limitation
3.5.3. Opportunities
3.5.3.1. Cloud computing, social media, big data, online gaming, and others

CHAPTER 4 DATA CENTER AUTOMATION MARKET, BY SOLUTION TYPES

4.1. Overview
4.2. Storage automation
4.2.1. Key market trends
4.2.2. Key growth factors and opportunities
4.2.3. Market size and forecast
4.3. Network automation
4.3.1. Key market trends
4.3.2. Key growth factors and opportunities
4.3.3. Market size and forecast
4.4. Server automation
4.4.1. Key market trends
4.4.2. Key growth factors and opportunities
4.4.3. Market size and forecast

CHAPTER 5 DATA CENTER AUTOMATION MARKET, BY SERVICE

5.1. Overview
5.1.1. Market size and forecast
5.2. Consulting services
5.2.1. Key market trends
5.2.2. Key growth factors and opportunities
5.2.3. Market size and forecast
5.3. Installation and support services
5.3.1. Key market trends
5.3.2. Key growth factors and opportunities
5.3.1. Market size and forecast

CHAPTER 6 DATA CENTER AUTOMATION MARKET, BY OPERATING ENVIRONMENT

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6.1. Overview
6.2. WIndows
  6.2.1. Key Market Trends
  6.2.2. Key growth drivers and opportunities
  6.2.3. Market size and forecast
6.3. Unix
  6.3.1. Key Market Trends
  6.3.2. Key growth drivers and opportunities
  6.3.3. Market size and forecast
6.4. Linux & other operating systems
  6.4.1. Key Market Trends
  6.4.2. Key growth drivers and opportunities
  6.4.3. Market size and forecast

CHAPTER 7 DATA CENTER AUTOMATION MARKET, BY INDUSTRY VERTICAL

7.1. Overview
  7.1.1. Market size and forecast
7.2. Banking, Financial Services, and Insurance (BFSI)
  7.2.1. Key market trends
  7.2.2. Key growth drivers and opportunities
  7.2.3. Market size and forecast
7.3. IT & telecom
  7.3.1. Key market trends
  7.3.2. Key growth drivers and opportunities
  7.3.1. Market size and forecast
7.4. Public sector and utilities
  7.4.1. Key market trends
  7.4.2. Key growth drivers and opportunities
  7.4.1. Market size and forecast
7.5. Energy
  7.5.1. Key market trends
  7.5.2. Key growth drivers and opportunities
  7.5.3. Market size and forecast
7.6. Manufacturing
  7.6.1. Key market trends
  7.6.2. Key growth factors and opportunities
  7.6.3. Market size and forecast
7.7. Healthcare

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7.7.1. Key market trends
7.7.2. Key growth factors and opportunities
7.7.3. Market size and forecast
7.8. Other Verticals (Education & Retail)
7.8.1. Key market trends
7.8.2. Key growth factors and opportunities
7.8.3. Market size and forecast
7.8.4. Market size and forecast

CHAPTER 8 DATA CENTER AUTOMATION MARKET, BY GEOGRAPHY

8.1. OVERVIEW
8.2. North America
8.2.1. Key market trends
8.2.2. Key growth factors and opportunities
8.2.3. Market size and forecast
8.2.3.1. U.S.
8.2.3.1. Canada
8.2.3.2. Mexico
8.3. Europe
8.3.1. Key market trends
8.3.2. Key growth factors and opportunities
8.3.3. Market size and forecast
8.3.3.1. UK
8.3.3.2. Germany
8.3.3.3. France
8.3.3.4. Italy
8.3.3.5. Rest of Europe
8.4. Asia-Pacific
8.4.1. Key market trends
8.4.2. Key growth factors and opportunities
8.4.3. Market size and forecast
8.4.3.1. China
8.4.3.2. Japan
8.4.3.3. South Korea
8.4.3.4. India
8.4.3.5. Rest of Asia-Pacific
8.5. LAMEA
8.5.1. Key market trends

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8.5.2. Key growth factors and opportunities
8.5.1. Market size and forecast
8.5.1.1. Latin America
8.5.1.1. Middle East
8.5.1.2. Africa

CHAPTER 9 COMPANY PROFILES

9.1. VMware, Inc.
9.1.1. Company overview
9.1.2. Company snapshot
9.1.3. Business performance
9.1.4. Key operating segments
9.1.5. Key strategies and developments
9.2. BMC Software
9.2.1. Company overview
9.2.2. Company snapshot
9.2.3. Business performance
9.2.4. Key operating segments
9.2.5. Key strategies and developments
9.3. Cisco Systems, Inc.
9.3.1. Company overview
9.3.2. Company snapshot
9.3.3. Business performance
9.3.4. Key operating segments
9.3.5. Key strategies and developments
9.4. IBM Corp.
9.4.1. Company overview
9.4.2. Company snapshot
9.4.3. Business performance
9.4.4. Key operating segments
9.4.5. Key strategies and developments
9.5. Hewlett Packard Enterprise
9.5.1. Company overview
9.5.2. Company snapshot
9.5.3. Business performance
9.5.4. Key operating segments
9.5.5. Key strategies and developments
9.6. Microsoft Corp.

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9.6.1. Company overview
9.6.2. Company snapshot
9.6.3. Business performance
9.6.4. Key operating segments
9.6.5. Key strategies and developments
9.7. Puppet
9.7.1. Company overview
9.7.2. Company snapshot
9.7.3. Business performance
9.7.4. Key operating segments
9.7.5. Key strategies and developments
9.8. Citrix Systems, Inc.
9.8.1. Company overview
9.8.2. Company snapshot
9.8.3. Business performance
9.8.4. Key operating segments
9.8.5. Key strategies and developments
9.9. ServiceNow, Inc.
9.9.1. Company overview
9.9.2. Company snapshot
9.9.3. Business performance
9.9.4. Key operating segments
9.9.5. Key strategies and developments
9.10. Chef Software, Inc.
9.10.1. Company overview
9.10.2. Company snapshot
9.10.3. Business performance
9.10.4. Key operating segments
9.10.5. Key strategies and developments

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List Of Tables

LIST OF TABLES

TABLE 1. DATA CENTER AUTOMATION MARKET, BY GEOGRAPHY, 2014-2022 ($MILLION)
TABLE 2. GLOBAL DATA CENTER AUTOMATION MARKET BY SOLUTION TYPE, 2014-2022 ($MILLION)
TABLE 3. DATA CENTER AUTOMATION MARKET FOR STORAGE AUTOMATION BY GEOGRAPHY, 2014-2022 ($MILLION)
TABLE 4. DATA CENTER AUTOMATION MARKET FOR NETWORK AUTOMATION, BY GEOGRAPHY 2014-2022 ($MILLION)
TABLE 5. DATA CENTER SOLUTIONS MARKET SIZE FOR SERVER AUTOMATION BY GEOGRAPHY, 2014-2022 ($MILLION)
TABLE 6. DATA CENTER SERVICE MARKET SIZE BY GEOGRAPHY, 2014-2022 ($MILLION)
TABLE 7. DATA CENTER AUTOMATION MARKET, BY OPERATING ENVIRONMENT 2014-2022 ($MILLION)
TABLE 8. DATA CENTER AUTOMATION MARKET FOR WINDOWS OPERATING SYSTEM, BY USER TYPE 2014-2022 ($MILLION)
TABLE 9. DATA CENTER AUTOMATION MARKET FOR UNIX OPERATING SYSTEM, BY GEOGRAPHY 2014-2022 ($MILLION)
TABLE 10. DATA CENTER AUTOMATION MARKET FOR LINUX AND OTHER OPERATING SYSTEM, BY GEOGRAPHY 2014-2022 ($MILLION)
TABLE 11. DATA CENTER AUTOMATION MARKET, BY INDUSTRY VERTICAL 2014-2022 ($MILLION)
TABLE 12. BFSI MARKET SIZE BY GEOGRAPHY 2014-2022 ($MILLION)
TABLE 13. IT & TELECOM MARKET BY GEOGRAPHY 2014-2022 ($MILLION)
TABLE 14. PUBLIC SECTOR AND UTILITIES & UTILITIES MARKET SIZE BY GEOGRAPHY, 2014-2022 ($MILLION)
TABLE 15. MANUFACTURING MARKET BY GEOGRAPHY 2014-2022 ($MILLION)
TABLE 16. MANUFACTURING MARKET BY GEOGRAPHY 2014-2022 ($MILLION)
TABLE 17. HEALTHCARE INDUSTRY MARKET SIZE BY GEOGRAPHY, 2014-2022 ($MILLION)
TABLE 18. OTHER VERTICALS MARKET BY GEOGRAPHY, 2014-2022 ($MILLION)
TABLE 19. DATA CENTER AUTOMATION MARKET, BY REGION, 2014-2022 ($MILLION)
TABLE 20. NORTH AMERICA DATA CENTER AUTOMATION MARKET BY COUNTRY, 2014-2022 ($MILLION)

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TABLE 21. EUROPE DATA CENTER AUTOMATION MARKET BY COUNTRY, 2014-2022 ($MILLION)
TABLE 22. ASIA-PACIFIC DATA CENTER AUTOMATION MARKET BY COUNTRY, 2014-2022 ($MILLION)
TABLE 23. LAMEA DATA CENTER AUTOMATION MARKET BY COUNTRY, 2014-2022 ($MILLION)

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List Of Figures

LIST OF FIGURES

FIGURE 1. DATA CENTER AUTOMATION MARKET: MARKET SNAPSHOT
FIGURE 2. GLOBAL DATA CENTER AUTOMATION: MARKET SEGMENTATION
FIGURE 3. TOP INVESTMENT POCKETS
FIGURE 4. HIGH BARGAING POWER OF SUPPLIERS
FIGURE 5. BARGAINING POWER OF BUYERS
FIGURE 6. THREAT OF SUBSTITUTE
FIGURE 7. THREAT OF NEW ENTRANTS
FIGURE 8. THREAT OF NEW ENTRANTS
FIGURE 9. GLOBAL DATA CENTER AUTOMATION MARKET, BY COMPONENT
FIGURE 10. GLOBAL DATA CENTER AUTOMATION MARKET, BY COMPONENT
FIGURE 11. DATA CENTER AUTOMATION MARKET, BY SERVICES 2015-2022
FIGURE 12. DATA CENTER AUTOMATION MARKET FOR CONSULTING SERVICES, BY REGION 2014-2022 ($MILLION)
FIGURE 13. DATA CENTER AUTOMATION MARKET FOR INSTALLATION & SUPPORT SERVICES, BY REGION 2014-2022 ($MILLION)
FIGURE 14. DATA CENTER AUTOMATION MARKET, BY OPERATING ENVIRONMENT 2015-2022
FIGURE 15. DATA CENTER AUTOMATION MARKET, BY INDUSTRY VERTICAL 2015-2022
FIGURE 16. DATA CENTER AUTOMATION MARKET, BY INDUSTRY VERTICAL 2014-2022 ($MILLION)
FIGURE 17. GLOBAL DATA CENTER AUTOMATION MARKET SHARE, BY REGION (2015)
FIGURE 18. OVERVIEW: NORTH AMERICA DATA CENTER AUTOMATION MARKET SNAPSHOT
FIGURE 19. U.S. DATA CENTER AUTOMATION MARKET, 2014-2022 ($ MILLION)
FIGURE 20. CANADA DATA CENTER AUTOMATION MARKET, 2014-2022 ($ MILLION)
FIGURE 21. MEXICO DATA CENTER AUTOMATION MARKET, 2014-2022
FIGURE 22. OVERVIEW: EUROPE DATA CENTER AUTOMATION MARKET SNAPSHOT
FIGURE 23. UK DATA CENTER AUTOMATION MARKET, 2014-2022 ($ MILLION)
FIGURE 24. GERMANY DATA CENTER AUTOMATION MARKET, 2014-2022 ($ MILLION)
FIGURE 25. FRANCE DATA CENTER AUTOMATION MARKET, 2014-2022

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FIGURE 26. ITALY DATA CENTER AUTOMATION MARKET, 2014-2022
FIGURE 27. REST OF EUROPE DATA CENTER AUTOMATION MARKET, 2014-2022
FIGURE 28. OVERVIEW: ASIA-PACIFIC DATA CENTER AUTOMATION MARKET SNAPSHOT
FIGURE 29. CHINA DATA CENTER AUTOMATION MARKET, 2014-2022 ($ MILLION)
FIGURE 30. JAPAN DATA CENTER AUTOMATION MARKET, 2014-2022
FIGURE 31. SOUTH KOREA DATA CENTER AUTOMATION MARKET, 2014-2022
FIGURE 32. INDIA DATA CENTER AUTOMATION MARKET, 2014-2022
FIGURE 33. INDIA DATA CENTER AUTOMATION MARKET, 2014-2022
FIGURE 34. OVERVIEW: LAMEA DATA CENTER AUTOMATION MARKET SNAPSHOT
FIGURE 35. LATIN DATA CENTER AUTOMATION MARKET, 2014-2022
FIGURE 36. MIDDLE EAST DATA CENTER AUTOMATION MARKET, 2014-2022
FIGURE 37. AFRICA DATA CENTER AUTOMATION MARKET, 2014-2022

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