

IoT in Education Market by Component (Hardware, Solutions & Services), End User (Academic Institutions & Corporates), Application (Learning Management, Classroom Management, Administration Management & Surveillance), and Region - Global Forecast to 2023

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Abstracts

Increasing use of connected devices in education institutions to drive the IoT in education market

The global IoT in education market size is expected to grow from USD 4.8 billion in 2018 to USD 11.3 billion by 2023, at a Compound Annual Growth Rate (CAGR) of 18.8% during the forecast period. Major factors driving the IoT in education market include increasing use of connected devices in the education institutions, rapid adoption of eLearning, and availability of cloud-based solution. However, increasing cyber-attacks on education institutions raise the concern for data security and privacy and may hinder the adoption of IoT in education.

The application management solution to record the highest growth rate during the forecast period

Education institutions have been using various applications for enhancing the learning experience and increasing the interaction between educators and students. This, in turn, has significantly increased the demand for the application management solution. The solution helps education institutions to manage their various applications. The goal of the application management solution is to optimize cost and feasibility in a way that developers and commercial clientele can face when developing applications that need

to collect, manage, and begin the interpretation of data generated by a wide range of connected endpoints. Education institutions are rapidly incorporating various applications for seamless operations and management that would spur the demand for the application management solution.

Deployment and integration service to hold the largest market size during the forecast period

The deployment and integration services segment is expected to grow at the highest CAGR during the forecast period. Deployment and integration services are important, as large volumes of information generated by IoT devices must be integrated with the existing systems, which require exact level of system integrators and system enablers to deploy and integrate IoT services and solutions.

Asia Pacific (APAC) to grow at the highest rate during the forecast period

APAC is expected to grow at the highest CAGR during the forecast period, due to the robust adoption of IoT technologies in the Chinese and Indian education institutions, the combination of high-growth, developing economies, and the mass adoption of IoT technologies across education applications. The major APAC economies, such as China, Japan, Singapore, and India, are modernizing traditional education infrastructure.

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, other innovation and technology directors, and executives from various key organizations operating in the education and IoT marketplace.

By company type: Tier 1 – 38%, Tier 2 – 41%, and Tier 3 – 21%

By designation: C-level – 40%, D-level – 28%, and Others – 32%

By region: North America – 33%, APAC – 32%, Europe– 22%, and RoW- 13%

Major vendors covered in the IoT in education market include Google (US), Amazon Web Services (US), IBM (US), Microsoft (US), Oracle (US), Intel (US), Cisco (US), SAP (Germany), Huawei (China), Arm (UK), Unit4 (Netherlands), and Samsung (South Korea). The study includes an in-depth competitive analysis of these key players in the IoT in education market, with their company profiles, recent developments, and key

market strategies.

Research coverage

The market study covers the IoT in education market size across segments. It aims at estimating the market size and the growth potential of this market across segments, such as solution, services, end user, application, and region. The study also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

Key benefits of buying the report

The report will help market leaders/new entrants in the IoT in education market with information on the closest approximations of the revenue numbers for the overall IoT in education market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and to plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SEGMENTATION
 - 1.3.1 BY COMPONENT
 - 1.3.2 REGIONS COVERED
- 1.4 YEARS CONSIDERED FOR THE STUDY
- 1.5 CURRENCY CONSIDERED
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 BREAKUP OF PRIMARIES
 - 2.1.2 KEY INDUSTRY INSIGHTS
- 2.2 DATA TRIANGULATION
- 2.3 MARKET SIZE ESTIMATION
 - 2.3.1 BOTTOM-UP APPROACH
 - 2.3.2 TOP-DOWN APPROACH
- 2.4 MARKET FORECAST
- 2.5 ASSUMPTIONS FOR THE STUDY
- 2.6 LIMITATIONS OF THE STUDY

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE GLOBAL IOT IN EDUCATION MARKET
- 4.2 IOT IN EDUCATION MARKET, BY COMPONENT, 2018 VS. 2023
- 4.3 IOT IN EDUCATION MARKET, BY SOLUTION, 2018 VS. 2023
- 4.4 IOT IN EDUCATION MARKET, BY END USER, 2018 VS. 2023
- 4.5 IOT IN EDUCATION MARKET, BY APPLICATION, 2018 VS. 2023
- 4.6 IOT IN EDUCATION MARKET, MARKET SHARE ACROSS REGIONS, 2018
- 4.7 MARKET INVESTMENT SCENARIO

5 MARKET OVERVIEW AND INDUSTRY TRENDS

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Increased use of connected devices in the education industry

5.2.1.2 Rapid adoption of eLearning

5.2.1.3 Availability of cloud-based solutions and applications

5.2.2 RESTRAINTS

5.2.2.1 Increasing cyber-attacks on educational institutes to raise the concern for data security and privacy

5.2.2.2 Lack of industry standard and interoperability

5.2.2.3 Lack of resources and infrastructure in developing industries

5.2.3 OPPORTUNITIES

5.2.3.1 Gamification of the educational industry

5.2.3.2 Increasing expenditure in the education industry as a percentage of GDP

5.2.3.3 Potential growth opportunities for system integrators

5.2.3.4 Declining cost of connectivity and connected devices

5.2.4 CHALLENGES

5.2.4.1 Inability to manage real-time and unstructured data

5.2.4.2 Reluctance of adopting new technologies by educational institutes

5.3 USE CASES AND REGULATORY IMPLICATIONS

5.3.1 IOT IN EDUCATION MARKET: USE CASES

5.3.1.1 Use case: Scenario 1

5.3.1.2 Use case: Scenario 2

5.3.1.3 Use case: Scenario 3

5.3.1.4 Use case: Scenario 4

5.3.1.5 Use case: Scenario 5

5.4 IOT IN EDUCATION ECOSYSTEM

5.5 REGULATORY IMPLICATIONS

5.5.1 INTRODUCTION

5.5.2 RIGHT TO EDUCATION

5.5.3 NATIONAL SCIENCE EDUCATION STANDARDS

5.5.4 INTERNATIONAL STANDARD CLASSIFICATION OF EDUCATION

5.5.5 EUROPEAN NETWORK FOR QUALITY ASSURANCE IN HIGHER EDUCATION

5.5.6 AUSTRALIAN EDUCATION ACT

5.5.7 EDUCATION SERVICES FOR OVERSEAS STUDENTS ACT

5.5.8 FUNDAMENTAL LAW OF EDUCATION

- 5.5.9 COMPULSORY EDUCATION LAW OF THE PEOPLE'S REPUBLIC OF CHINA
- 5.5.10 SOUTH AFRICAN SCHOOLS ACT, NO. 84 OF 1996
- 5.5.11 THE EDUCATION ACT 2011
- 5.5.12 EVERY STUDENT SUCCEEDS ACT
- 5.5.13 FUNDS FOR MAINTENANCE AND DEVELOPMENT OF THE FUNDAMENTAL EDUCATION AND VALORIZATION OF TEACHING

6 IOT IN EDUCATION MARKET, BY COMPONENT

- 6.1 INTRODUCTION
- 6.2 SOLUTIONS
 - 6.2.1 RAPID DIGITALIZATION IN ASIA PACIFIC
- 6.3 SERVICES
 - 6.3.1 REQUIREMENT OF HIGHLY CUSTOMIZED SOLUTIONS AND THE NEED TO FOCUS ON CORE OPERATIONS

7 IOT IN EDUCATION MARKET, BY HARDWARE

- 7.1 INTRODUCTION
- 7.2 INTERACTIVE WHITEBOARDS
 - 7.2.1 NEED FOR ENGAGEMENT BETWEEN TEACHERS AND STUDENTS TO INCREASE THE USE OF INTERACTIVE WHITEBOARDS
- 7.3 TABLETS AND MOBILE DEVICES
 - 7.3.1 INCREASING ADOPTION OF BYOD CONCEPT AMONG INSTITUTES
- 7.4 DISPLAYS
 - 7.4.1 INTERACTIVE LEARNING TO BE A PRIMARY ASPECT FOR EDUCATIONAL INSTITUTES
- 7.5 SECURITY AND VIDEO CAMERAS
 - 7.5.1 SCHOOLS TO BE RESPONSIBLE FOR SAFETY AND SECURITY OF STUDENTS
- 7.6 ATTENDANCE TRACKING SYSTEMS
 - 7.6.1 STRINGENT ATTENDANCE POLICIES OF VARIOUS UNIVERSITIES TO DRIVE ATTENDANCE TRACKING SYSTEMS
- 7.7 OTHERS

8 IOT IN EDUCATION MARKET, BY SOLUTION

- 8.1 INTRODUCTION
- 8.2 NETWORK MANAGEMENT

8.2.1 NETWORK MANAGEMENT IS USED TO ENHANCE SERVICE DELIVERY,
MINIMIZED RISK AND REDUCED OPERATING COSTS

8.3 CONTENT MANAGEMENT AND ANALYTICS

8.3.1 INCREASING SIGNIFICANCE OF ONLINE EDUCATION CONTENT IN
EDUCATIONAL INSTITUTIONS

8.4 DEVICE MANAGEMENT

8.4.1 INCREASING CONNECTED DEVICES IN CLASSROOMS

8.5 APPLICATION MANAGEMENT

8.5.1 NEED FOR MANAGING VARIOUS APPLICATIONS

8.6 SECURITY MANAGEMENT

8.6.1 INCREASING NUMBER OF CYBER-ATTACKS ON EDUCATIONAL
INFRASTRUCTURE

9 IOT IN EDUCATION MARKET, BY SERVICE

9.1 INTRODUCTION

9.2 TRAINING AND CONSULTING

9.2.1 LACK OF SKILLED RESOURCES IN THE EDUCATION INDUSTRY

9.3 DEPLOYMENT AND INTEGRATION

9.3.1 THE NEED TO EASE COMPLEXITIES WHILE DEPLOYING SOLUTIONS IN AN
EDUCATIONAL IT INFRASTRUCTURE

9.4 SUPPORT AND MAINTENANCE

9.4.1 THE NEED FOR 24/7 ACCESS TO LEARNING, COURSE CONTENT, AND
APPLICATIONS

10 IOT IN EDUCATION MARKET, BY END USER

10.1 INTRODUCTION

10.2 ACADEMIC INSTITUTIONS

10.2.1 K-12

10.2.1.1 The need to reduce interaction gaps between educators, students, and
parents

10.2.2 HIGHER EDUCATION

10.2.2.1 High demand for eLearning in the higher education sector

10.3 CORPORATES

10.3.1 INABILITY OF TRADITIONAL METHODS TO EFFECTIVELY ENGAGE
EMPLOYEES

11 IOT IN EDUCATION MARKET, BY APPLICATION

11.1 INTRODUCTION

11.2 LEARNING MANAGEMENT SYSTEM

11.2.1 SMART LEARNING TO BE A NEW IMPORTANT TOOL IN THE EDUCATION INDUSTRY

11.3 CLASSROOM MANAGEMENT

11.3.1 INTERACTIVE CLASSROOMS TO ENHANCE THE LEARNING AND DEVELOPMENT IN THE EDUCATION INDUSTRY

11.4 ADMINISTRATION MANAGEMENT

11.4.1 ADMINISTRATION MANAGEMENT TO IMPROVE PLANNING, ORGANIZATION, DIRECTION, COORDINATION, AND EVALUATION OF STRATEGIES

11.5 SURVEILLANCE

11.5.1 SECURITY OF STUDENTS AND ACADEMIC BUILDING PREMISES TO BE THE FOREMOST PRIORITY IN EDUCATIONAL INSTITUTIONS

11.6 OTHERS

12 IOT IN EDUCATION MARKET, BY REGION

12.1 INTRODUCTION

12.2 NORTH AMERICA

12.2.1 UNITED STATES

12.2.1.1 Smart classrooms to become an integral part of the daily learning and teaching methodologies

12.2.2 CANADA

12.2.2.1 Smart education to boost the efficiency of learning for students

12.3 EUROPE

12.3.1 UNITED KINGDOM

12.3.1.1 Smart learning and development is a key aspect for corporates

12.3.2 GERMANY

12.3.2.1 Increasing need for smart education in automobile corporates

12.3.3 FRANCE

12.3.3.1 Big data in education is associated with collecting vast amounts of data from the digitized activities of students, parents, faculty, and staff

12.3.4 REST OF EUROPE

12.4 ASIA PACIFIC

12.4.1 AUSTRALIA AND NEW ZEALAND

12.4.1.1 Need to increase technological spending

12.4.2 CHINA

12.4.2.1 Increasing focus on adopting advanced technologies in the education industry

12.4.3 JAPAN

12.4.3.1 The country to adopt smart education environments

12.4.4 SINGAPORE

12.4.4.1 Increasing initiatives for smart cities

12.4.5 REST OF ASIA PACIFIC

12.5 MIDDLE EAST AND AFRICA

12.5.1 ISRAEL

12.5.1.1 Increasing number of innovations in IoT technology

12.5.2 QATAR

12.5.2.1 Government to increase its investment for enhancing citizen services

12.5.3 UNITED ARAB EMIRATES

12.5.3.1 Increasing need for students' safety and security

12.5.4 SOUTH AFRICA

12.5.4.1 IoT innovation set to overcome Africa's infrastructure challenges

12.5.5 REST OF MIDDLE EAST AND AFRICA

12.6 LATIN AMERICA

12.6.1 BRAZIL

12.6.1.1 The increasing need to create public policies and identify opportunities for applying IoT technologies

12.6.2 MEXICO

12.6.2.1 The need to increase educational performance and attainment in compulsory education

12.6.3 REST OF LATIN AMERICA

13 COMPETITIVE LANDSCAPE

13.1 OVERVIEW

13.2 TOP PLAYERS IN THE IOT IN EDUCATION MARKET

13.3 COMPETITIVE SCENARIO

13.3.1 NEW SERVICE/PRODUCT LAUNCHES

13.3.2 AGREEMENTS, COLLABORATIONS, AND PARTNERSHIPS

13.3.3 BUSINESS EXPANSIONS

14 COMPANY PROFILES

(Business Overview, Solutions and Services Offered, Recent Developments, SWOT Analysis, and MNM View)*

- 14.1 IBM
- 14.2 CISCO
- 14.3 INTEL
- 14.4 GOOGLE
- 14.5 AWS
- 14.6 ORACLE
- 14.7 MICROSOFT
- 14.8 HUAWEI
- 14.9 SAMSUNG
- 14.10 SAP
- 14.11 ARM
- 14.12 UNIT4

*Details on Business Overview, Solutions and Services Offered, Recent Developments, SWOT Analysis, and MNM View might not be captured in case of unlisted companies.

15 KEY APP PROVIDERS

- 15.1 INTRODUCTION
- 15.2 SCHOOL ADMINISTRATION
 - 15.2.1 LEARNZILLION
 - 15.2.2 BRIGHTWHEEL
 - 15.2.3 CERTICA SOLUTIONS
 - 15.2.4 EXAMITY
- 15.3 NEXT-GENERATION SCHOOLS
 - 15.3.1 KNOWRE
 - 15.3.2 ALTSCHOOL
 - 15.3.3 QUAD LEARNING
 - 15.3.4 CUEMATH
- 15.4 LEARNING SOLUTION
 - 15.4.1 GALVANIZE
 - 15.4.2 LITTLEBITS
 - 15.4.3 ITUTORGROUP
 - 15.4.4 VOXY
- 15.5 CAREER DEVELOPMENT
 - 15.5.1 FULLBRIDGE
 - 15.5.2 SIMPLILEARN
 - 15.5.3 GROVO

15.5.4 EDUPRISTINE

15.6 LEARNING ANALYTICS VENDORS

15.6.1 ECHO360

15.6.2 BRIGHTBYTES

15.6.3 VITALSOURCE

15.6.4 PANORAMA EDUCATION

15.7 LEARNING MANAGEMENT SYSTEM VENDORS

15.7.1 KNEWTON

15.7.2 SMART SPARROW

15.7.3 FRESHGRADE

15.7.4 SCHOOLOGY

15.8 COURSE MATERIALS AND STUDY TOOLS

15.8.1 GRAMMARLY

15.8.2 QUIZLET

15.8.3 NEWSELA

15.8.4 BETTERLESSON

16 APPENDIX

16.1 DISCUSSION GUIDE

16.2 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

16.3 AVAILABLE CUSTOMIZATIONS

16.4 RELATED REPORTS

16.5 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 UNITED STATES DOLLAR EXCHANGE RATE, 2015–2017

Table 2 FACTORS ANALYSIS

Table 3 EDUCATION SPENDING, PERCENT OF GDP - COUNTRY RANKINGS

Table 4 IOT IN EDUCATION MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)

Table 5 SOLUTIONS: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 6 SERVICES: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 7 IOT IN EDUCATION MARKET SIZE, BY SOLUTION, 2016–2023 (USD MILLION)

Table 8 SOLUTIONS: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 9 NETWORK MANAGEMENT: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 10 CONTENT MANAGEMENT AND ANALYTICS: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 11 DEVICE MANAGEMENT: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 12 APPLICATION MANAGEMENT: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 13 SECURITY MANAGEMENT: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 14 IOT IN EDUCATION MARKET SIZE, BY SERVICE, 2016–2023 (USD MILLION)

Table 15 SERVICES: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 16 TRAINING AND CONSULTING: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 17 DEPLOYMENT AND INTEGRATION: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 18 SUPPORT AND MAINTENANCE: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 19 IOT IN EDUCATION MARKET SIZE, BY END USER, 2016–2023 (USD MILLION)

Table 20 IOT IN EDUCATION MARKET SIZE, BY ACADEMIC INSTITUTION, 2016–2023 (USD MILLION)

Table 21 ACADEMIC INSTITUTIONS: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 22 K-12: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 23 HIGHER EDUCATION: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 24 CORPORATES: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 25 IOT IN EDUCATION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 26 LEARNING MANAGEMENT SYSTEM: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 27 CLASSROOM MANAGEMENT: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 28 ADMINISTRATION MANAGEMENT: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 29 SURVEILLANCE: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 30 OTHERS: IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 31 IOT IN EDUCATION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 32 NORTH AMERICA: IOT IN EDUCATION MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)

Table 33 NORTH AMERICA: IOT IN EDUCATION MARKET SIZE, BY SOLUTION, 2016–2023 (USD MILLION)

Table 34 NORTH AMERICA: IOT IN EDUCATION MARKET SIZE, BY SERVICE, 2016–2023 (USD MILLION)

Table 35 NORTH AMERICA: IOT IN EDUCATION MARKET SIZE, BY END USER, 2016–2023 (USD MILLION)

Table 36 NORTH AMERICA: IOT IN EDUCATION MARKET SIZE, BY ACADEMIC INSTITUTION, 2016–2023 (USD MILLION)

Table 37 NORTH AMERICA: IOT IN EDUCATION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 38 NORTH AMERICA: IOT IN EDUCATION MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 39 EUROPE: IOT IN EDUCATION MARKET SIZE, BY COMPONENT,

2016–2023 (USD MILLION)

Table 40 EUROPE: IOT IN EDUCATION MARKET SIZE, BY SOLUTION, 2016–2023 (USD MILLION)

Table 41 EUROPE: IOT IN EDUCATION MARKET SIZE, BY SERVICE, 2016–2023 (USD MILLION)

Table 42 EUROPE: IOT IN EDUCATION MARKET SIZE, BY END USER, 2016–2023 (USD MILLION)

Table 43 EUROPE: IOT IN EDUCATION MARKET SIZE, BY ACADEMIC INSTITUTION, 2016–2023 (USD MILLION)

Table 44 EUROPE: IOT IN EDUCATION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 45 EUROPE: IOT IN EDUCATION MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 46 ASIA PACIFIC: IOT IN EDUCATION MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)

Table 47 ASIA PACIFIC: IOT IN EDUCATION MARKET SIZE, BY SOLUTION, 2016–2023 (USD MILLION)

Table 48 ASIA PACIFIC: IOT IN EDUCATION MARKET SIZE, BY SERVICE, 2016–2023 (USD MILLION)

Table 49 ASIA PACIFIC: IOT IN EDUCATION MARKET SIZE, BY END USER, 2016–2023 (USD MILLION)

Table 50 ASIA PACIFIC: IOT IN EDUCATION MARKET SIZE, BY ACADEMIC INSTITUTION, 2016–2023 (USD MILLION)

Table 51 ASIA PACIFIC: IOT IN EDUCATION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 52 ASIA PACIFIC: IOT IN EDUCATION MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 53 MIDDLE EAST AND AFRICA: IOT IN EDUCATION MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)

Table 54 MIDDLE EAST AND AFRICA: IOT IN EDUCATION MARKET SIZE, BY SOLUTION, 2016–2023 (USD MILLION)

Table 55 MIDDLE EAST AND AFRICA: IOT IN EDUCATION MARKET SIZE, BY SERVICE, 2016–2023 (USD MILLION)

Table 56 MIDDLE EAST AND AFRICA: IOT IN EDUCATION MARKET SIZE, BY END USER, 2016–2023 (USD MILLION)

Table 57 MIDDLE EAST AND AFRICA: IOT IN EDUCATION MARKET SIZE, BY ACADEMIC INSTITUTION, 2016–2023 (USD MILLION)

Table 58 MIDDLE EAST AND AFRICA: IOT IN EDUCATION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 59 MIDDLE EAST AND AFRICA: IOT IN EDUCATION MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 60 LATIN AMERICA: IOT IN EDUCATION MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)

Table 61 LATIN AMERICA: IOT IN EDUCATION MARKET SIZE, BY SOLUTION, 2016–2023 (USD MILLION)

Table 62 LATIN AMERICA: IOT IN EDUCATION MARKET SIZE, BY SERVICE, 2016–2023 (USD MILLION)

Table 63 LATIN AMERICA: IOT IN EDUCATION MARKET SIZE, BY END USER, 2016–2023 (USD MILLION)

Table 64 LATIN AMERICA: IOT IN EDUCATION MARKET SIZE, BY ACADEMIC INSTITUTION, 2016–2023 (USD MILLION)

Table 65 LATIN AMERICA: IOT IN EDUCATION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 66 LATIN AMERICA: IOT IN EDUCATION MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 67 NEW SERVICE/PRODUCT LAUNCHES, 2016–2018

Table 68 AGREEMENTS, COLLABORATIONS, AND PARTNERSHIPS, 2016–2018

Table 69 BUSINESS EXPANSIONS, 2016–2018

List Of Figures

LIST OF FIGURES

Figure 1 IOT IN EDUCATION MARKET: RESEARCH DESIGN

Figure 2 RESEARCH METHODOLOGY

Figure 3 IOT IN EDUCATION MARKET: BOTTOM-UP APPROACH

Figure 4 MARKET SIZE ESTIMATION METHODOLOGY TOP-DOWN APPROACH

Figure 5 IOT IN EDUCATION MARKET SIZE, 2016–2023

Figure 6 IOT IN EDUCATION MARKET ANALYSIS

Figure 7 FASTEST-GROWING SEGMENTS IN THE IOT IN EDUCATION MARKET, 2018–2023

Figure 8 IOT IN EDUCATION MARKET: REGIONAL ANALYSIS, 2018

Figure 9 GROWING USE OF CONNECTED DEVICES FOR IMPROVING THE EDUCATIONAL QUALITY TO DRIVE THE IOT IN EDUCATION MARKET DURING THE FORECAST PERIOD

Figure 10 SOLUTIONS SEGMENT TO HOLD A LARGER MARKET SHARE DURING THE FORECAST PERIOD

Figure 11 CONTENT MANAGEMENT AND ANALYTICS SEGMENT TO HOLD THE LARGEST MARKET SHARE DURING THE FORECAST PERIOD

Figure 12 ACADEMIC INSTITUTIONS SEGMENT TO HOLD A LARGER MARKET SHARE DURING THE FORECAST PERIOD

Figure 13 CLASSROOM MANAGEMENT APPLICATION TO HOLD THE LARGEST MARKET SHARE DURING THE FORECAST PERIOD

Figure 14 SINGAPORE TO HOLD THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 15 ASIA PACIFIC TO EMERGE AS THE BEST MARKET FOR INVESTMENTS DURING THE FORECAST PERIOD

Figure 16 IOT IN EDUCATION MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

Figure 17 K-12 MOBILE COMPUTING SHIPMENTS, 2016–2017

Figure 18 CLOUD COMPUTING IN EDUCATION

Figure 19 CYBER-ATTACKS, TARGETED INDUSTRIES, MARCH 2018

Figure 20 GROWTH IN THE NUMBER OF CONNECTED DEVICES IS SUPPORTED BY FALLING DEVICE COSTS

Figure 21 IOT IN EDUCATION ECOSYSTEM OF APP PROVIDERS

Figure 22 SOLUTIONS SEGMENT TO GROW AT A HIGHER CAGR DURING THE FORECAST PERIOD

Figure 23 APPLICATION MANAGEMENT SEGMENT TO GROW AT THE HIGHEST

CAGR DURING THE FORECAST PERIOD

Figure 24 DEPLOYMENT AND INTEGRATION SEGMENT TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 25 CORPORATES SEGMENT TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 26 LEARNING MANAGEMENT SYSTEM SEGMENT TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 27 ASIA PACIFIC TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 28 NORTH AMERICA: MARKET SNAPSHOT

Figure 29 ASIA PACIFIC: MARKET SNAPSHOT

Figure 30 KEY DEVELOPMENTS BY LEADING PLAYERS IN THE IOT IN EDUCATION MARKET DURING 2015–2018

Figure 31 MARKET TOP PLAYERS, 2018

Figure 32 IBM: COMPANY SNAPSHOT

Figure 33 SWOT ANALYSIS: IBM

Figure 34 CISCO: COMPANY SNAPSHOT

Figure 35 SWOT ANALYSIS: CISCO

Figure 36 INTEL: COMPANY SNAPSHOT

Figure 37 SWOT ANALYSIS: INTEL

Figure 38 SWOT ANALYSIS: GOOGLE

Figure 39 AWS: COMPANY SNAPSHOT

Figure 40 SWOT ANALYSIS: AWS

Figure 41 ORACLE: COMPANY SNAPSHOT

Figure 42 SWOT ANALYSIS: ORACLE

Figure 43 MICROSOFT: COMPANY SNAPSHOT

Figure 44 HUAWEI: COMPANY SNAPSHOT

Figure 45 SAMSUNG: COMPANY SNAPSHOT

Figure 46 SAP: COMPANY SNAPSHOT

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