

# **Middle East & Africa IoT Market Forecast to 2030 – COVID-19 Impact and Regional Analysis – by Component [Hardware, Software (Device Management, Application Management, Data Management, and Network Management), and Services], Enterprise Size (Large Enterprises and SMEs), and Application (Building & Automation, Smart Energy & Utilities, Smart Manufacturing, Connected Logistics, Banking & Financial Services, Aerospace & Defense, and Others)**

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## **Abstracts**

The Middle East & Africa IoT market is expected to grow from US\$ 43.99 billion in 2023 to US\$ 241.65 billion by 2030; it is estimated to grow at a CAGR of 27.6% from 2023 to 2030.

### **Rise in Implementation of IoT in Automotive Sector**

Automotive is one of the largest sectors in terms of IoT implementation that supports various applications such as self-driving cars, security features, data analytics, in-vehicle infotainment, predictive maintenance, real-time monitoring, and dashboard. Moreover, the high level of competition in the automotive sector is propelling companies to adopt IoT, AI, and other advanced technologies. Audi, BMW, General Motors, and Mercedes-Benz are a few major automakers offering advanced infotainment systems for cars integrated with various technologies. Moreover, the growing demand for connected vehicles and rising investments in autonomous cars boost the adoption of

IoT and efficient communication technologies, such as 4G and 5G. For instance, in April 2021, Vodafone Idea announced the launch of its integrated IoT solution for the automotive sector. With this product launch, the company further strengthened its IoT portfolio. Automotive systems that can be enhanced with IoT include logistics management, fleet management, telematics, sensor sharing, advanced driver assistance systems, infotainment, and autonomous driving. Furthermore, due to the increasing demand for dynamic messaging, parking sensors, real-time occupancy data of parking spots, and vehicle parking spots, several government agencies are promoting smart city programs and implementing smart parking to ensure smooth traffic in the city. Therefore, the rise in the implementation of IoT in the automotive sector is driving the IoT software market.

## Middle East & Africa IoT Market Overview

The IoT market in the MEA is segmented into Saudi Arabia, the UAE, South Africa, and the Rest of MEA. The Middle East is a dynamic and rapidly developing region that offers massive opportunities for investors and businesses. IoT adoption is already an integral part of the digital transformation of businesses in the region. IoT helps them achieve various objectives by improving asset utilization, managing risks, and creating entirely new business models. The increasing use of smartphones, the growing population of young adults in Gulf Cooperation Council (GCC) countries, and government initiatives for digital transformation to drive economic growth are a few major factors propelling the IoT market growth in the region. Retail, manufacturing, and automotive industries use IoT technologies to differentiate their existing products or services from the competition and provide enhanced customer experiences.

## Middle East & Africa IoT Market Revenue and Forecast to 2030 (US\$ Billion)

### Middle East & Africa IoT Market Segmentation

The Middle East & Africa IoT market is segmented based on component, enterprise size, application, and country. Based on component, the Middle East & Africa IoT market is segmented into hardware, software, and services. The hardware segment held the largest market share in 2023. Furthermore, software is segmented into device management, application management, data management, and network management.

Based on enterprise size, the Middle East & Africa IoT market is bifurcated into large enterprises and SMEs. The large enterprises segment held a larger market share in 2023.

Based on application, the Middle East & Africa IoT market is segmented into building & automation, smart energy & utilities, smart manufacturing, connected logistics, banking & financial services, aerospace & defense, and others. The smart manufacturing segment held the largest market share in 2023.

Based on country, the Middle East & Africa IoT market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa IoT market share in 2023.

Amazon Web Services Inc.; Cisco Systems Inc.; Google LLC; Software AG; International Business Machines Corp; Intel Corp; Microsoft Corp; Oracle Corp; Siemens AG; and SAP SE are the leading companies operating in the Middle East & Africa IoT market.

## Contents

### **1. INTRODUCTION**

- 1.1 Study Scope
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation

### **2. KEY TAKEAWAYS**

### **3. RESEARCH METHODOLOGY**

- 3.1 Scope of the Study
- 3.2 Research Methodology
  - 3.2.1 Data Collection:
  - 3.2.2 Primary Interviews:
  - 3.2.3 Company Profile:
  - 3.2.4 Sources:
  - 3.2.5 Calculation Base and Assumptions
  - 3.2.6 List of Companies Analyzed

### **4. MIDDLE EAST & AFRICA IOT MARKET LANDSCAPE**

- 4.1 Market Overview
- 4.2 PEST Analysis
  - 4.2.1 Middle East & Africa
- 4.3 Ecosystem Analysis
- 4.4 Expert Opinions

### **5. MIDDLE EAST & AFRICA IOT MARKET – KEY MARKET DYNAMICS**

- 5.1 Market Drivers
  - 5.1.1 Increase in Number of Smart City Projects
  - 5.1.2 Low Cost of Connected Devices and Increase in Investments in IoT
  - 5.1.3 Rise in Implementation of IoT in Automotive Sector
- 5.2 Market Restraints
  - 5.2.1 Data Security and Interoperability Issues
- 5.3 Market Opportunities
  - 5.3.1 Progressive Deployment of 5G Networks

## 5.4 Future Trends

5.4.1 Massive Expansion of E-Commerce Industry

5.4.2 Increase in Digitalization Across Industries

## 5.5 Impact Analysis of Drivers and Restraints

# 6. IOT MARKET – MIDDLE EAST & AFRICA MARKET ANALYSIS

## 6.1 Middle East & Africa IoT Market Overview

## 6.2 Middle East & Africa IoT Market Revenue and Volume Forecast and Analysis

# 7. MIDDLE EAST & AFRICA IOT MARKET – BY COMPONENT

## 7.1 Overview

## 7.2 IoT Market, by Component (2022 and 2030)

## 7.3 Hardware

### 7.3.1 Overview

7.3.2 Hardware: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

## 7.4 Software

### 7.4.1 Overview

7.4.2 Software: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

### 7.4.3 Device Management

#### 7.4.3.1 Overview

7.4.3.2 Device Management: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

### 7.4.4 Application Management

#### 7.4.4.1 Overview

7.4.4.2 Application Management: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

### 7.4.5 Data Management

#### 7.4.5.1 Overview

7.4.5.2 Data Management: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

### 7.4.6 Network Management

#### 7.4.6.1 Overview

7.4.6.2 Network Management: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

## 7.5 Services

### 7.5.1 Overview

7.5.2 Service: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

## **8. MIDDLE EAST & AFRICA IOT MARKET ANALYSIS – BY ENTERPRISE SIZE**

8.1 Overview

8.2 IoT Market, by Enterprise Size (2022 and 2030)

8.3 Large Enterprises

8.3.1 Overview

8.3.2 Large Enterprises: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

8.4 SMEs

8.4.1 Overview

8.4.2 SMEs: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

## **9. MIDDLE EAST & AFRICA IOT MARKET ANALYSIS – BY APPLICATION**

9.1 Overview

9.2 IoT Market, by Application (2022 and 2030)

9.3 Building & Automation

9.3.1 Overview

9.3.2 Building & Automation: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

9.4 Smart Energy & Utilities

9.4.1 Overview

9.4.2 Smart Energy & Utilities: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

9.5 Smart Manufacturing

9.5.1 Overview

9.5.2 Smart Manufacturing: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

9.6 Connected Logistics

9.6.1 Overview

9.6.2 Connected Logistics: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

9.7 Smart Mobility and Transportation

9.7.1 Overview

9.7.2 Smart Mobility and Transportation: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

9.8 Banking & Financial Services

9.8.1 Overview

9.8.2 Banking & Financial Services: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

9.9 Aerospace & Defense

9.9.1 Overview

9.9.2 Aerospace & Defense: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

## 9.10 Others

### 9.10.1 Overview

### 9.10.2 Others: IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

## **10. MIDDLE EAST & AFRICA IOT MARKET – BY COUNTRY ANALYSIS**

### 10.1.1 Middle East & Africa (MEA): IoT Market

### 10.1.2 Middle East & Africa IoT Market, by Country

#### 10.1.2.1 South Africa IoT Market - Revenue and Forecast to 2030

##### 10.1.2.1.1 South Africa IoT Market, By Component

##### 10.1.2.1.2 South Africa IoT Market, By Software

##### 10.1.2.1.3 South Africa IoT Market, By Enterprise Size

##### 10.1.2.1.4 South Africa IoT Market, By Application

#### 10.1.2.2 Saudi Arabia IoT Market - Revenue and Forecast to 2030

##### 10.1.2.2.1 Saudi Arabia IoT Market, By Component

##### 10.1.2.2.2 Saudi Arabia IoT Market, By Software

##### 10.1.2.2.3 Saudi Arabia IoT Market, By Enterprise Size

##### 10.1.2.2.4 Saudi Arabia IoT Market, By Application

#### 10.1.2.3 UAE IoT Market - Revenue and Forecast to 2030

##### 10.1.2.3.1 UAE IoT Market, By Component

##### 10.1.2.3.2 UAE IoT Market, By Software

##### 10.1.2.3.3 UAE IoT Market, By Enterprise Size

##### 10.1.2.3.4 UAE IoT Market, By Application

#### 10.1.2.4 Rest of Middle East & Africa IoT Market - Revenue and Forecast to 2030

##### 10.1.2.4.1 Rest of Middle East & Africa IoT Market, By Component

##### 10.1.2.4.2 Rest of Middle East & Africa IoT Market, By Software

##### 10.1.2.4.3 Rest of Middle East & Africa IoT Market, By Enterprise Size

##### 10.1.2.4.4 Rest of Middle East & Africa IoT Market, By Application

## **11. INDUSTRY LANDSCAPE**

### 11.1 Overview

### 11.2 Market Initiative

### 11.3 Product Development

### 11.4 Mergers & Acquisitions

## **12. COMPANY PROFILES**

### 12.1 Amazon Web Services Inc

- 12.1.1 Key Facts
- 12.1.2 Business Description
- 12.1.3 Products and Services
- 12.1.4 Financial Overview
- 12.1.5 SWOT Analysis
- 12.1.6 Key Developments
- 12.2 Cisco Systems Inc
  - 12.2.1 Key Facts
  - 12.2.2 Business Description
  - 12.2.3 Products and Services
  - 12.2.4 Financial Overview
  - 12.2.5 SWOT Analysis
  - 12.2.6 Key Developments
- 12.3 Google LLC
  - 12.3.1 Key Facts
  - 12.3.2 Business Description
  - 12.3.3 Products and Services
  - 12.3.4 Financial Overview
  - 12.3.5 SWOT Analysis
  - 12.3.6 Key Developments
- 12.4 Software AG
  - 12.4.1 Key Facts
  - 12.4.2 Business Description
  - 12.4.3 Products and Services
  - 12.4.4 Financial Overview
  - 12.4.5 SWOT Analysis
  - 12.4.6 Key Developments
- 12.5 International Business Machines Corp
  - 12.5.1 Key Facts
  - 12.5.2 Business Description
  - 12.5.3 Products and Services
  - 12.5.4 Financial Overview
  - 12.5.5 SWOT Analysis
  - 12.5.6 Key Developments
- 12.6 Intel Corp
  - 12.6.1 Key Facts
  - 12.6.2 Business Description
  - 12.6.3 Products and Services
  - 12.6.4 Financial Overview



- 12.6.5 SWOT Analysis
- 12.6.6 Key Developments
- 12.7 Microsoft Corp
  - 12.7.1 Key Facts
  - 12.7.2 Business Description
  - 12.7.3 Products and Services
  - 12.7.4 Financial Overview
  - 12.7.5 SWOT Analysis
  - 12.7.6 Key Developments
- 12.8 Oracle Corp
  - 12.8.1 Key Facts
  - 12.8.2 Business Description
  - 12.8.3 Products and Services
  - 12.8.4 Financial Overview
  - 12.8.5 SWOT Analysis
  - 12.8.6 Key Developments
- 12.9 Siemens AG
  - 12.9.1 Key Facts
  - 12.9.2 Business Description
  - 12.9.3 Products and Services
  - 12.9.4 Financial Overview
  - 12.9.5 SWOT Analysis
  - 12.9.6 Key Developments
- 12.10 SAP SE
  - 12.10.1 Key Facts
  - 12.10.2 Business Description
  - 12.10.3 Products and Services
  - 12.10.4 Financial Overview
  - 12.10.5 SWOT Analysis
  - 12.10.6 Key Developments

## **13. APPENDIX**

- 13.1 About The Insight Partners
- 13.2 Word Index

## List Of Tables

### LIST OF TABLES

Table 1. Middle East & Africa IoT Market Revenue and Forecast to 2030 (US\$ Billion)

Table 2. South Africa IoT Market - Revenue and Forecast to 2030 – By Component (US\$ Billion)

Table 3. South Africa IoT Market - Revenue and Forecast to 2030 – By Software (US\$ Billion)

Table 4. South Africa IoT Market - Revenue and Forecast to 2030 – By Enterprise Size (US\$ Billion)

Table 5. South Africa IoT Market - Revenue and Forecast to 2030 – By Application (US\$ Billion)

Table 6. Saudi Arabia IoT Market - Revenue and Forecast to 2030 – By Component (US\$ Billion)

Table 7. Saudi Arabia IoT Market - Revenue and Forecast to 2030 – By Software (US\$ Billion)

Table 8. Saudi Arabia IoT Market - Revenue and Forecast to 2030 – By Enterprise Size (US\$ Billion)

Table 9. Saudi Arabia IoT Market - Revenue and Forecast to 2030 – By Application (US\$ Billion)

Table 10. UAE IoT Market - Revenue and Forecast to 2030 – By Component (US\$ Billion)

Table 11. UAE IoT Market - Revenue and Forecast to 2030 – By Software (US\$ Billion)

Table 12. UAE IoT Market - Revenue and Forecast to 2030 – By Enterprise Size (US\$ Billion)

Table 13. UAE IoT Market - Revenue and Forecast to 2030 – By Application (US\$ Billion)

Table 14. Rest of Middle East & Africa IoT Market - Revenue and Forecast to 2030 – By Component (US\$ Billion)

Table 15. Rest of Middle East & Africa IoT Market - Revenue and Forecast to 2030 – By Software (US\$ Billion)

Table 16. Rest of Middle East & Africa IoT Market - Revenue and Forecast to 2030 – By Enterprise Size (US\$ Billion)

Table 17. Rest of Middle East & Africa IoT Market - Revenue and Forecast to 2030 – By Application (US\$ Billion)

Table 18. List of Abbreviation

## List Of Figures

### LIST OF FIGURES

- Figure 1. Middle East & Africa IoT Market Segmentation
- Figure 2. Middle East & Africa IoT Market Segmentation – By Country
- Figure 3. Middle East & Africa IoT Market Overview
- Figure 4. Middle East & Africa IoT Market, by Component
- Figure 5. Middle East & Africa IoT Market, by Software
- Figure 6. Middle East & Africa IoT Market, by Enterprise Size
- Figure 7. Middle East & Africa IoT Market, by Country
- Figure 8. Middle East & Africa – PEST Analysis
- Figure 9. Middle East & Africa IoT Market- Ecosystem Analysis
- Figure 10. Middle East & Africa Expert Opinion
- Figure 11. Middle East & Africa IoT Market: Impact Analysis of Drivers and Restraints
- Figure 12. Middle East & Africa IoT Market Revenue and Forecast (US\$ Billion)
- Figure 13. Middle East & Africa IoT Market Revenue Share, by Component (2022 and 2030)
- Figure 14. Hardware: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)
- Figure 15. Software: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)
- Figure 16. Device Management: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)
- Figure 17. Application Management: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)
- Figure 18. Data Management: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)
- Figure 19. Network Management: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)
- Figure 20. Service: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)
- Figure 21. Middle East & Africa IoT Market Revenue Share, by Enterprise Size (2022 and 2030)
- Figure 22. Large Enterprises: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)
- Figure 23. SMEs: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)
- Figure 24. Middle East & Africa IoT Market Revenue Share, by Application (2022 and

2030)

Figure 25. Building & Automation: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

Figure 26. Smart Energy & Utilities: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

Figure 27. Smart Manufacturing: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

Figure 28. Connected Logistics: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

Figure 29. Smart Mobility and Transportation: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

Figure 30. Banking & Financial Services: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

Figure 31. Aerospace & Defense: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

Figure 32. Others: Middle East & Africa IoT Market – Revenue and Forecast to 2030 (US\$ Billion)

Figure 33. Middle East & Africa IoT Market, by Key Country – Revenue (2022) (US\$ Million)

Figure 34. Middle East & Africa IoT Market, by Country, 2022 & 2030 (%)

Figure 35. South Africa IoT Market - Revenue and Forecast to 2030 (US\$ Billion)

Figure 36. Saudi Arabia IoT Market - Revenue and Forecast to 2030 (US\$ Billion)

Figure 37. UAE IoT Market - Revenue and Forecast to 2030 (US\$ Billion)

Figure 38. Rest of Middle East & Africa IoT Market - Revenue and Forecast to 2030 (US\$ Billion)

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