

# **UAE Distribution Automation Market By Component (Field Device, Software & Services and Communication Technology), By Technology (Wired & Wireless), By Utility (Public Utility & Private Utility), By Region, Competition Forecast & Opportunities, 2027**

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## **Abstracts**

The UAE distribution automation market is anticipated to grow at a robust CAGR during the forecast period, 2023-2027. The market is primarily driven by the rise in investments by the public and private players to upgrade the aging infrastructure and the need for advanced equipment for monitoring and predictive maintenance of the system. Also, the high-end investments by the market players for the advancements in communication technology are expected to create significant growth opportunities for the UAE distribution automation market in the forecast period.

### **Increased Energy Requirement Drives the Market Growth**

The oil & gas industry is the major revenue-generating industry in the United Arab Emirates. To reduce the dependency on the oil & gas industry of the country's economy and generate new income sources, the government is promoting the development of other industry verticals. UAE is witnessing rapid industrialization and urbanization, increasing the country's energy requirements. People prefer to live in urban areas and spend significant portions of their income improving current living conditions. The government of the UAE is working on increasing energy production and developing a new grid infrastructure. The distributed automation system can help achieve higher energy demands. It can help with instant fault detection, protect the supply network, and attain higher energy efficiency. The demand from the industrial, commercial, and residential sectors and the growing distributed energy generation are expected to boost the demand for the UAE distribution automation market over the next five years.

## Need to Upgrade the Aging Power Infrastructure Boosts the Market Growth

UAE is witnessing massive commercial and infrastructure development activities, which creates the need to upgrade the existing infrastructure. The high demand for the modernized and intelligent power distribution infrastructure to meet the energy demands from the newly constructed smart cities is expected to offer significant growth opportunities for the UAE distribution automation market over the forecast period. The government supports the adoption of distributed automation system technology across several utility and energy sectors, which is expected to influence the market demand.

## Technological Advancements Support the High Market Demand

The key players and government bodies are investing significantly in research and development activities to find new and innovative technologies which can improve the efficiency and reduce failures of the distribution automation systems. They are integrating novel technology like the internet of things to constantly provide real-time updates, which help the energy supply providers make informed decisions. Also, the new technologies can help in the predictive maintenance of the system. The fault can be detected at an early stage and can be taken care of, which ensures a continuous electricity supply. Therefore, the advancements in technology can improve the performance of distribution automation systems, which in turn is expected to accelerate the market demand for the next five years.

## Market Segmentation

The UAE distribution automation market is segmented into component, technology, utility, regional distribution, and company. Based on the component, the market is divided into field devices, software & services, and communication technology. Based on the technology, the market is bifurcated into wired & wireless. Based on utility, the market is divided into public utility & private utility. To analyze the market based on the region, the UAE distribution automation market is studied in major regions namely Dubai, Abu Dhabi, Sharjah, and rest of the UAE.

## Market Players

Siemens AG, Eaton Corporation, Xylem, General Electric Company, Landis+Gyr, Cisco, Trilliant Holdings Inc., Power System Engineering, ABB Limited, S&C Electric, G&W Electric, Schneider Electric, are the major market players operating in the UAE

distribution automation market.

Report Scope:

In this report, UAE distribution automation market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

UAE Distribution Automation Market, By Component:

Field Device

Software & Services

Communication Technology

UAE Distribution Automation Market, By Technology:

Wired

Wireless

UAE Distribution Automation Market, By Utility:

Public Utility

Private Utility

UAE Distribution Automation Market, By Region:

Dubai

Abu Dhabi

Sharjah

Rest of UAE

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in UAE distribution automation market.

## Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### **1. PRODUCT OVERVIEW**

### **2. RESEARCH METHODOLOGY**

### **3. IMPACT OF COVID-19 ON UAE DISTRIBUTION AUTOMATION MARKET**

### **4. EXECUTIVE SUMMARY**

### **5. VOICE OF CUSTOMERS**

#### 5.1. Brand Awareness

#### 5.2. Factors Considered while Selecting Vendor

#### 5.3. Key Satisfaction Level

#### 5.4. Major Challenges Faced

### **6. UAE DISTRIBUTION AUTOMATION MARKET OUTLOOK**

#### 6.1. Market Size & Forecast

##### 6.1.1. By Value

#### 6.2. Market Share & Forecast

##### 6.2.1. By Component (Field Device, Software & Services and Communication Technology)

##### 6.2.2. By Technology (Wired & Wireless)

##### 6.2.3. By Utility (Public Utility & Private Utility)

##### 6.2.4. By Region

##### 6.2.5. By Company

#### 6.3. Market Map

### **7. UAE PUBLIC UTILITY DISTRIBUTION AUTOMATION MARKET OUTLOOK**

#### 7.1. Market Size & Forecast

##### 7.1.1. By Value

#### 7.2. Market Share & Forecast

##### 7.2.1. By Component

##### 7.2.2. By Technology

##### 7.2.3. By Region

## **8. UAE PRIVATE UTILITY DISTRIBUTION AUTOMATION MARKET OUTLOOK**

### 8.1. Market Size & Forecast

#### 8.1.1. By Value

### 8.2. Market Share & Forecast

#### 8.2.1. By Component

#### 8.2.2. By Technology

#### 8.2.3. By Region

## **9. MARKET DYNAMICS**

### 9.1. Drivers

### 9.2. Challenges

## **10. MARKET TRENDS & DEVELOPMENTS**

## **11. POLICY & REGULATOR LANDSCAPE**

## **12. UAE ECONOMIC PROFILE**

## **13. COMPANY PROFILES**

### 13.1. Siemens UAE

### 13.2. Eaton UAE

### 13.3. Xylem MENA

### 13.4. General Electric Middle East

### 13.5. ABB Middle East

### 13.6. Schneider Electric Middle East

### 13.7. Trilliant Holdings Inc.

### 13.8. Cisco

### 13.9. Landis + Gyr AG

### 13.10. G&W Electric

## **14. STRATEGIC RECOMMENDATIONS**

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