

Global Distribution Automation Market By Component (Field Device, Software & Services and Communication Technology), By Utility (Public Utility & Private Utility), By Region, Competition, Forecast & Opportunities, 2024

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Abstracts

Global distribution automation market stood at \$ 11.76 billion in 2018 and is projected to grow at a CAGR of over 7% during 2019-2024 to reach \$ 17.94 billion by 2024, owing to increasing renewable power generation across the globe. Need for energy efficiency, immediate fault detection and protection in power distribution network is further expected to aid the market growth. Increasing demand from commercial sector, which includes hotels, hospitals, data centers and offices is anticipated to bolster the global distribution automation market. Moreover, government mandates to enhance grid efficiency is boosting the adoption of distribution automation technology across utility and energy sectors.

In terms of component, global distribution automation market has been categorized into field device, software & services and communication technology. Of these components, the field device category is expected to hold a significant portion of the global market for distribution automation during the forecast period. Field devices are an integral part of the distribution network and help to mitigate the losses occurring from power outages and voltage fluctuations. The increasing deployment of field devices in distribution automation would aid the field devices segment.

Regionally, the European market plays a vital role in generating revenues for global distribution automation market, with countries like France, Germany and UK being the key markets in the region. The market for distribution automation in the European region is growing, on the back of increasing investments in distribution automation and growing

complexity in the region's power distribution infrastructure. Asia-Pacific distribution automation market is anticipated to register steady growth during the forecast period, owing to rapid industrialization in China, Australia and India.

In order to address increasing customer demand, major vendors in the market for distribution automation aim at introducing technologically advanced solutions and systems. This would help vendors in differentiating themselves from their counterparts and sustaining competition. Moreover, strategic partnerships & collaborations and investments in R&D activities are some of the other major strategies adopted by major market players to enhance their existing product portfolio and expand their market footprints. Some of the leading players in global distribution automation market are Schneider Electric SE, General Electric Company, Schweitzer Engineering Laboratories Inc., ABB Ltd., etc.

Years considered for this report:

Historical Years: 2014-2017

Base Year: 2018

Estimated Year: 2019

Forecast Period: 2020-2024

Objective of the Study:

To analyze and forecast global distribution automation market size.

To forecast global distribution automation market based on component, utility and regional distribution

To identify drivers and challenges for global distribution automation market

To examine competitive developments such as expansions, new product launches, mergers & acquisitions etc. in global distribution automation market

To conduct the pricing analysis for global distribution automation market

To identify and analyze the profile of leading players operating in global distribution automation market

Some of the leading players in global distribution automation market are Schneider Electric SE, General Electric Company, Schweitzer Engineering Laboratories Inc., ABB Ltd., Power System Engineering Inc., G&W Electric Company, Siemens AG, Cisco Systems Inc., Landis+Gyr, Eaton Corporation plc, etc.

TechSci Research performed both primary as well as exhaustive secondary research for this study. Initially, TechSci Research sourced a list of solution providers across the globe. Subsequently, TechSci Research conducted primary research surveys with the identified companies. While interviewing, the respondents were also enquired about their competitors. Through this technique, TechSci Research could include the solution providers which could not be identified due to the limitations of secondary research. TechSci Research analyzed the product offerings, distribution channels and presence of all major solution providers across the globe.

TechSci Research calculated global distribution automation market size using a top down approach, where data for applications across various end-user segments was recorded and forecast for the future years. TechSci Research sourced these values from industry experts and company representatives and externally validated through analyzing historical data of these product types and applications for getting an appropriate, overall market size. Various secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations and financial reports were also studied by TechSci Research.

Key Target Audience:

Distribution automation vendors

Distribution automation solution providers

Organizations, forums and alliances related to distribution automation market

Market research and consulting firms

The study is useful in providing answers to several critical questions that are important

for industry stakeholders such as solution providers and partners, end users etc. The study would also help them in identifying which market segments should be targeted over the coming years in order to strategize investments and capitalize on growth of the market.

Report Scope:

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

Market, by Component:

Field Device

Voltage Regulator

Smart Sensor

Smart Meter

Smart Recloser

Smart Relay

Others

Software & Services

Communication Technology

Wireless Technology

Wired Technology

Market, by Utility:

Public Utility

Private Utility

Market, by Region:

Asia-Pacific

China

India

Japan

South Korea

Australia

Singapore

Malaysia

Europe

France

Germany

United Kingdom

Italy

Spain

North America

United States

Mexico

Canada

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Qatar

Competitive Landscape

Company Profiles: Detailed analysis of the major companies operating in global 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).

Profit Margin Analysis

Profit margin analysis in case of direct and indirect sales channel.

Contents

1. PRODUCT OVERVIEW

2. RESEARCH METHODOLOGY

3. EXECUTIVE SUMMARY

4. VOICE OF CUSTOMER

- 4.1. Brand Awareness
- 4.2. Brand Recall
- 4.3. Brand Satisfaction
- 4.4. Factors Influencing Purchase Decision
- 4.5. Challenges/Issues Faced Post Purchase
- 4.6. Unmet Needs

5. GLOBAL DISTRIBUTION AUTOMATION MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Component (Field Device – Voltage Regulator, Smart Sensor, Smart Meter, Smart Recloser, Smart Relay, Others; Software & Services; Communication Technology – Wireless Technology, Wired Technology)
 - 5.2.2. By Utility (Public Utility; Private Utility)
 - 5.2.3. By Company
 - 5.2.4. By Region
- 5.3. Market Attractiveness Index

6. EUROPE DISTRIBUTION AUTOMATION MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Component
 - 6.2.2. By Utility
 - 6.2.3. By Country
- 6.3. Europe: Country Analysis

6.3.1. Germany Distribution Automation Market Outlook

6.3.1.1. Market Share & Forecast

6.3.1.1.1. By Component

6.3.1.1.2. By Utility

6.3.2. France Distribution Automation Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Component

6.3.2.2.2. By Utility

6.3.3. United Kingdom Distribution Automation Market Outlook

6.3.3.1. Market Size & Forecast

6.3.3.1.1. By Value

6.3.3.2. Market Share & Forecast

6.3.3.2.1. By Component

6.3.3.2.2. By Utility

6.3.4. Italy Distribution Automation Market Outlook

6.3.4.1. Market Size & Forecast

6.3.4.1.1. By Value

6.3.4.2. Market Share & Forecast

6.3.4.2.1. By Component

6.3.4.2.2. By Utility

6.3.5. Spain Distribution Automation Market Outlook

6.3.5.1. Market Size & Forecast

6.3.5.1.1. By Value

6.3.5.2. Market Share & Forecast

6.3.5.2.1. By Component

6.3.5.2.2. By Utility

7. NORTH AMERICA 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 Utility

7.2.3. By Country

7.3. North America: Country Analysis

7.3.1. United States Distribution Automation Market Outlook

- 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
- 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Component
 - 7.3.1.2.2. By Utility
- 7.3.2. Canada Distribution Automation Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Component
 - 7.3.2.2.2. By Utility
- 7.3.3. Mexico Distribution Automation Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Component
 - 7.3.3.2.2. By Utility

8. ASIA-PACIFIC 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 Utility
 - 8.2.3. By Country
- 8.3. Asia-Pacific: Country Analysis
 - 8.3.1. China Distribution Automation Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Component
 - 8.3.1.2.2. By Utility
 - 8.3.2. India Distribution Automation Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Component
 - 8.3.2.2.2. By Utility

- 8.3.3. Japan Distribution Automation Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Component
 - 8.3.3.2.2. By Utility
- 8.3.4. Australia Distribution Automation Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Component
 - 8.3.4.2.2. By Utility
- 8.3.5. South Korea Distribution Automation Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Component
 - 8.3.5.2.2. By Utility
- 8.3.6. Singapore Distribution Automation Market Outlook
 - 8.3.6.1. Market Size & Forecast
 - 8.3.6.1.1. By Value
 - 8.3.6.2. Market Share & Forecast
 - 8.3.6.2.1. By Component
 - 8.3.6.2.2. By Utility

9. SOUTH AMERICA DISTRIBUTION AUTOMATION MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Component
 - 9.2.2. By Utility
 - 9.2.3. By Country
- 9.3. South America: Country Analysis
 - 9.3.1. Brazil Distribution Automation Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Component

- 9.3.1.2.2. By Utility
- 9.3.2. Argentina Distribution Automation Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Component
 - 9.3.2.2.2. By Utility
- 9.3.3. Colombia Distribution Automation Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Component
 - 9.3.3.2.2. By Utility

10. MIDDLE EAST & AFRICA DISTRIBUTION AUTOMATION MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Component
 - 10.2.2. By Utility
 - 10.2.3. By Country
- 10.3. MEA: Country Analysis
 - 10.3.1. Saudi Arabia Distribution Automation Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Component
 - 10.3.1.2.2. By Utility
 - 10.3.2. South Africa Distribution Automation Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Component
 - 10.3.2.2.2. By Utility
 - 10.3.3. UAE Distribution Automation Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast

- 10.3.3.2.1. By Component
- 10.3.3.2.2. By Utility
- 10.3.4. Qatar Distribution Automation Market Outlook
 - 10.3.4.1. Market Size & Forecast
 - 10.3.4.1.1. By Value
 - 10.3.4.2. Market Share & Forecast
 - 10.3.4.2.1. By Component
 - 10.3.4.2.2. By Utility

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

13. COMPETITIVE LANDSCAPE

- 13.1. Competition Outlook
- 13.2. Company Profiles
 - 13.2.1. Basic Details
 - 13.2.2. Financials (As reported)
 - 13.2.3. Supply Chain Analysis
 - 13.2.4. Key Market Focus and Geographical Presence
 - 13.2.5. Planned Investments
 - 13.2.6. Pricing of Target Products
 - 13.2.7. Market positioning
- 13.3. Global Players Profiled (Leading Companies)
 - 15.3.1 ABB Ltd.
 - 15.3.2 Siemens AG
 - 15.3.3 General Electric Company
 - 15.3.4 Eaton Corporation plc
 - 15.3.5 Schneider Electric SE
 - 15.3.6 Cisco Systems, Inc.
 - 15.3.7 Landis+Gyr
 - 15.3.8 G&W Electric Company
 - 15.3.9 Schweitzer Engineering Laboratories, Inc.
 - 15.3.10 Power System Engineering, Inc.

(Note: The companies list can be customized based on the client requirements)

14. STRATEGIC RECOMMENDATIONS

List Of Tables

LIST OF TABLES

Table 1: Allied Data

Table 2: Allied Data

Table 3: Allied Data

List Of Figures

LIST OF FIGURES

Figure 1: Global Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 2: Global Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 3: Global Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 4: Global Distribution Automation Market Share, By Company (By Value), 2014-2024F

Figure 5: Global Distribution Automation Market Share, By Region (By Value), 2014-2024F

Figure 6: Global Distribution Automation Market Attractiveness Index, By Component, By Value, 2014-2024F

Figure 7: Global Distribution Automation Market Attractiveness Index, By Utility, By Value, 2014-2024F

Figure 8: Global Distribution Automation Market Attractiveness Index, By Region, By Value, 2014-2024F

Figure 9: Europe Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 10: Europe Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 11: Europe Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 12: Europe Distribution Automation Market Share, By Country (By Value), 2014-2024F

Figure 13: Germany Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 14: Germany Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 15: Germany Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 16: France Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 17: France Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 18: France Distribution Automation Market Share, By Utility (By Value),

2014-2024F

Figure 19: United Kingdom Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 20: United Kingdom Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 21: United Kingdom Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 22: Italy Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 23: Italy Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 24: Italy Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 25: Spain Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 25: Spain Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 27: Spain Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 28: North America Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 29: North America Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 30: North America Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 31: North America Distribution Automation Market Share, By Country (By Value), 2014-2024F

Figure 32: United States Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 33: United States Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 34: United States Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 35: Canada Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 36: Canada Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 37: Canada Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 38: Mexico Distribution Automation Market Size, By Value (USD Million),

2014-2024F

Figure 39: Mexico Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 40: Mexico Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 41: Asia Pacific Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 42: Asia Pacific Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 43: Asia Pacific Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 44: Asia Pacific Distribution Automation Market Share, By Country (By Value), 2014-2024F

Figure 45: China Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 46: China Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 47: China Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 48: India Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 49: India Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 50: India Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 51: Japan Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 52: Japan Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 53: Japan Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 54: Australia Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 55: Australia Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 56: Australia Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 57: South Korea Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 58: South Korea Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 59: South Korea Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 60: Singapore Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 61: Singapore Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 62: Singapore Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 63: South America Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 64: South America Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 65: South America Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 66: South America Distribution Automation Market Share, By Country (By Value), 2014-2024F

Figure 67: Brazil Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 68: Brazil Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 69: Brazil Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 70: Argentina Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 71: Argentina Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 72: Argentina Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 73: Colombia Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 74: Colombia Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 75: Colombia Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 76: Middle East & Africa Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 77: Middle East & Africa Distribution Automation Market Share, By Component

(By Value), 2014-2024F

Figure 78: Middle East & Africa Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 79: Middle East & Africa Distribution Automation Market Share, By Country (By Value), 2014-2024F

Figure 80: Saudi Arabia Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 81: Saudi Arabia Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 82: Saudi Arabia Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 83: South Africa Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 84: South Africa Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 85: South Africa Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 86: UAE Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 87: UAE Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 88: UAE Distribution Automation Market Share, By Utility (By Value), 2014-2024F

Figure 89: Qatar Distribution Automation Market Size, By Value (USD Million), 2014-2024F

Figure 90: Qatar Distribution Automation Market Share, By Component (By Value), 2014-2024F

Figure 91: Qatar Distribution Automation Market Share, By Utility (By Value), 2014-2024F

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