

# US Distribution Automation Market Size study, by Offerings (Field Devices, Software, Services) by Communication Technology (Wired, Wireless) by Utility (Public Utilities, Private Utilities) Forecasts 2022-2032

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## Abstracts

US Distribution Automation Market is valued approximately USD 5.43 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 14.82 % over the forecast period 2024-2032. The distribution automation market includes technologies and solutions that enable automatic control and management of power distribution systems. Intelligent sensors, advanced measurement infrastructure and communication networks are just some of the systems and devices available in the industry that work together to improve the efficiency, reliability, and level of electricity distribution. The distribution automation market aims to save operating costs, increase customer satisfaction and minimize downtime by combining real-time data analysis and remote-control capabilities. The increased use of Internet of Things (IoT) technologies, which provide seamless communication and advanced data analysis to improve system performance, is a notable development in the distribution automation market.

Driven by cutting-edge technological advancements in IoT and communication systems, the North American Distribution Automation Market is expected to grow significantly. Major firms such as Schweitzer Engineering Laboratories (SEL), which recently unveiled the SEL-421 Protection, Automation, and Control System using Time-Domain Link (TiDL) technology, are beneficial to the region. By using fiber optic connections instead of copper ones and providing data-sharing features and contemporary setup software, TiDL improves security while cutting expenses. These developments help utilities improve grid reliability and operational efficiency in response to the growing need for effective grid management solutions in the US. The market is further stimulated

by the integration of renewable energy sources and the implementation of smart grid technology. However, the high initial investment required for deploying advanced automation systems, which may pose a barrier to entry for smaller utilities and municipalities with limited budgets.

Major market player included in this report are:

General Electric

Xylem Inc.

Itron Inc.

Hubbell Incorporated

Schweitzer Engineering Laboratories, Inc.

G&W Electric

S&C Electric Company

Qualus Power Services Corporation

Minsait ACS, Inc.

Company 10

The detailed segments and sub-segment of the market are explained below:

By Offerings

Field Devices

Software

Services

By Communication Technology

Wired

Wireless

By Utility

Public Utilities

Private Utilities

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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