

Global Low-power Wide Area Networks Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Low-power Wide Area Networks market size was valued at USD 1737.9 million in 2023 and is forecast to a readjusted size of USD 2132.6 million by 2030 with a CAGR of 3.0% during review period.

Low-power WAN (LPWAN) is a wireless wide area network technology that interconnects low-bandwidth, battery-powered devices with low bit rates over long ranges.

Global Low Power Wide Area Network (LPWAN) key players include Semtech Corporation, AT&T Inc, Cisco Systems, Huawei Technologies, Actility, etc. Global top five manufacturers hold a share over 45%.

Europe is the largest market, with a share over 35%, followed by China, and North America, both have a share about 50 percent.

In terms of product, LoRaWAN is the largest segment, with a share about 32%. And in terms of application, the largest application is Smart City, followed by Transportation and Logistics, Healthcare Applications, etc.

The Global Info Research report includes an overview of the development of the Low-power Wide Area Networks industry chain, the market status of Agriculture (3GPP, LoRa Alliance), Asset Management & Logistics (3GPP, LoRa Alliance), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Low-power Wide Area

Networks.

Regionally, the report analyzes the Low-power Wide Area Networks markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Low-power Wide Area Networks market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Low-power Wide Area Networks market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Low-power Wide Area Networks industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., 3GPP, LoRa Alliance).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Low-power Wide Area Networks market.

Regional Analysis: The report involves examining the Low-power Wide Area Networks market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Low-power Wide Area Networks market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Low-power Wide Area Networks:

Company Analysis: Report covers individual Low-power Wide Area Networks players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Low-power Wide Area Networks. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Agriculture, Asset Management & Logistics).

Technology Analysis: Report covers specific technologies relevant to Low-power Wide Area Networks. It assesses the current state, advancements, and potential future developments in Low-power Wide Area Networks areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Low-power Wide Area Networks market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Low-power Wide Area Networks market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Market segment by Type

3GPP

LoRa Alliance

Others

Market segment by Application

Agriculture

Asset Management & Logistics

Automotive & Transportation

Consumer Applications & Home Automation

Energy & Utilities

Healthcare

Market segment by players, this report covers

Accellus Communication Networks

Aclara Technologies

Actility

Adeunis RF

Aerea

Altair Semiconductor

AM Telecom

AMBER Wireless

Arkessa

Arqiva

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Low-power Wide Area Networks product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Low-power Wide Area Networks, with revenue, gross margin and global market share of Low-power Wide Area Networks from 2019 to 2024.

Chapter 3, the Low-power Wide Area Networks competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Low-power Wide Area Networks market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Low-power Wide Area Networks.

Chapter 13, to describe Low-power Wide Area Networks research findings and conclusion.

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