

Low Power Wide Area Network Market: By Network Deployment (Public Sector, Private Sector), By Application (Smart Waste Management, Smart Buildings, Smart Gas and Water Metering, Smart Streetlights, Smart Parking, Livestock Monitoring, Others), By Verticals (Agriculture, Smart Logistic and Transportation, Healthcare, Industrial Manufacturing, Oil and Gas, Consumer Electronics, Others), And Region – Global Analysis of Market Size, Share & Trends For 2019–2021 And Forecasts To 2031

<https://marketpublishers.com/r/L4A7D8F9A0BFEN.html>

Date: May 2023

Pages: 464

Price: US\$ 4,950.00 (Single User License)

ID: L4A7D8F9A0BFEN

Abstracts

Low Power Wide Area Network Market: By Network Deployment (Public Sector, Private Sector), By Application (Smart Waste Management, Smart Buildings, Smart Gas and Water Metering, Smart Streetlights, Smart Parking, Livestock Monitoring, Others), By Verticals (Agriculture, Smart Logistic and Transportation, Healthcare, Industrial Manufacturing, Oil and Gas, Consumer Electronics, Others), And Region – Global Analysis of Market Size, Share & Trends For 2019–2021 And Forecasts To 2031

PRODUCT OVERVIEW

A low-power wide-area network (LPWAN) is a sort of wireless telecommunication wide area network that allows long-range communications at a low bit rate among devices or linked objects, such as sensors that are powered by batteries. This sort of network is distinguished from a wireless WAN by its low bit rate, low power, and intended usage. A wireless WAN is designed to connect individuals or organizations and transmit more

data while requiring more power. A low-power wide-area network (LPWAN) can be used to construct a private wireless sensor network, but it can also be a service or infrastructure provided by a third party that allows sensor owners to install sensors in the field without having to invest in gateway technology.

MARKET HIGHLIGHTS

Global Low Power Wide Area Network Market is projected to reach a remarkable CAGR of 89.8% by 2031

Global Low Power Wide Area Network Market to surpass USD 6,836.8 billion by 2031 from USD 11.3 billion in 2021 at a CAGR of 89.8% in the coming years, i.e., 2021-2031. The growing integration of the Internet of Things (IoT) and Machine-to-Machine (M2M) across numerous industries is projected to continue to fuel market expansion. Managed services are predicted to increase at a faster rate than other services. These managed service providers work with top satellite and mobile networks to deliver high-end managed services to application developers, system integrators, and end users.

GLOBAL LOW POWER WIDE AREA NETWORK MARKET: SEGMENTS

Public Sector segment is expected to grow at a considerable rate during 2021-31

On the basis of Network Deployment, the Low Power Wide Area Network Market is divided into Public Sector and Private Sector. The private sector is predicted to take a larger part of the market, while the public sector will grow at a faster rate. Municipal governments are working on constructing public infrastructures such as smart cities in order to improve citywide services such as garbage collection, parking, streetlights, water metres, and leak detectors, among other things.

Smart Gas and Water Metering segment is likely to grow with the highest CAGR

By Application, the Low Power Wide Area Network Market is segmented into Agriculture, Smart Logistic and Transportation, Healthcare, Industrial Manufacturing, Oil and Gas, Consumer Electronics, and Others. Smart gas and water metering applications are predicted to increase at the fastest rate. The implementation of smart metres marks a paradigm change in understanding energy consumption at all levels of the power grid. With the widespread deployment of LPWAN technology, there will be more commonality among smart metre makers and vendors.

MARKET DYNAMICS

Drivers

Lower power consumption of Low Power Wide Area Network

Rising adoption of IoT in multiple applications

Restraint

High cost associated with the Low Power Wide Area Network

GLOBAL LOW POWER WIDE AREA NETWORK MARKET:

Key Players

Semtech Corporation

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

LORIoT

NWave Technologies

SIGFOX

WAVIoT

Cisco Systems

Actility

Weightless SIG

Senet, Inc.

AT&T Inc.

Huawei Technologies Co. Ltd.

Vodafone Group Plc.

Other Prominent Players

Global Low Power Wide Area Network Market report also contains analysis on:

Low Power Wide Area Network Market Segments:

By Network Deployment

Public Sector

Private Sector

By Application

Smart Waste Management

Smart Buildings

Smart Gas and Water Metering

Smart Streetlights

Smart Parking

Livestock Monitoring

Others

By Verticals

Agriculture

Smart Logistic and Transportation

Healthcare

Industrial Manufacturing

Oil and Gas

Consumer Electronics

Others

Low Power Wide Area Network Market Dynamics

Low Power Wide Area Network Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each

region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

Contents

Executive Summary

- 1.1. Regional Market Share
- 1.2. Business Trends
- 1.3. Global Low Power Wide Area Network Market: COVID-19 Outbreak
- 1.4. Regional Trends
- 1.5. Segmentation Snapshot

2 RESEARCH METHODOLOGY

- 2.1. Research Objective
- 2.2. Research Approach
- 2.3. Data Sourcing and Methodology
- 2.4. Primary Research
- 2.5. Secondary Research
 - 2.5.1. Paid Sources
 - 2.5.2. Public Sources
- 2.6. Market Size Estimation and Data Triangulation

3 MARKET CHARACTERISTICS

- 3.1. Market Definition
- 3.2. Global Low Power Wide Area Network Market: COVID-19 Impact
- 3.3. Key Segmentations
- 3.4. Key Developments
- 3.5. Allied Industry Data

4 GLOBAL LOW POWER WIDE AREA NETWORK MARKET – INDUSTRY INSIGHTS

- 4.1. Industry Segmentation
- 4.2. COVID-19 overview on world economy
- 4.3. Industry ecosystem Channel analysis
- 4.4. Innovation & Sustainability

5 MACROECONOMIC INDICATORS

6 RECENT DEVELOPMENTS

7 MARKET DYNAMICS

- 7.1. Introduction
- 7.2. Growth Drivers
- 7.3. Market Opportunities
- 7.4. Market Restraints
- 7.5. Market Trends

8 RISK ANALYSIS

9 MARKET ANALYSIS

- 9.1. Porters Five Forces
- 9.2. PEST Analysis
 - 9.2.1. Political
 - 9.2.2. Economic
 - 9.2.3. Social
 - 9.2.4. Technological

10 GLOBAL LOW POWER WIDE AREA NETWORK MARKET

- 10.1. Overview
- 10.2. Historical Analysis (2016-2020)
 - 10.2.1. Market Size, Y-o-Y Growth (%) and Market Forecast

11 GLOBAL LOW POWER WIDE AREA NETWORK MARKET SIZE & FORECAST 2021A-2031F

- 11.1. Overview
- 11.2. Key Findings
- 11.3. Market Segmentation
 - 11.3.1. By Network Deployment
 - 11.3.1.1. Public Sector
 - 11.3.1.1.1. By Value (USD Million) 2021-2031F
 - 11.3.1.1.2. Market Share (%) 2021-2031F
 - 11.3.1.1.3. Y-o-Y Growth (%) 2021-2031F
 - 11.3.1.2. Private Sector
 - 11.3.1.2.1. By Value (USD Million) 2021-2031F
 - 11.3.1.2.2. Market Share (%) 2021-2031F

- 11.3.1.2.3. Y-o-Y Growth (%) 2021-2031F
- 11.3.2. By Application
 - 11.3.2.1. Smart Waste Management
 - 11.3.2.1.1. By Value (USD Million) 2021-2031F
 - 11.3.2.1.2. Market Share (%) 2021-2031F
 - 11.3.2.1.3. Y-o-Y Growth (%) 2021-2031F
 - 11.3.2.2. Smart Buildings
 - 11.3.2.2.1. By Value (USD Million) 2021-2031F
 - 11.3.2.2.2. Market Share (%) 2021-2031F
 - 11.3.2.2.3. Y-o-Y Growth (%) 2021-2031F
 - 11.3.2.3. Smart Gas and Water Metering
 - 11.3.2.3.1. By Value (USD Million) 2021-2031F
 - 11.3.2.3.2. Market Share (%) 2021-2031F
 - 11.3.2.3.3. Y-o-Y Growth (%) 2021-2031F
 - 11.3.2.4. Smart Streetlights
 - 11.3.2.4.1. By Value (USD Million) 2021-2031F
 - 11.3.2.4.2. Market Share (%) 2021-2031F
 - 11.3.2.4.3. Y-o-Y Growth (%) 2021-2031F
 - 11.3.2.5. Smart Parking
 - 11.3.2.5.1. By Value (USD Million) 2021-2031F
 - 11.3.2.5.2. Market Share (%) 2021-2031F
 - 11.3.2.5.3. Y-o-Y Growth (%) 2021-2031F
 - 11.3.2.6. Livestock Monitoring
 - 11.3.2.6.1. By Value (USD Million) 2021-2031F
 - 11.3.2.6.2. Market Share (%) 2021-2031F
 - 11.3.2.6.3. Y-o-Y Growth (%) 2021-2031F
 - 11.3.2.7. Others
 - 11.3.2.7.1. By Value (USD Million) 2021-2031F
 - 11.3.2.7.2. Market Share (%) 2021-2031F
 - 11.3.2.7.3. Y-o-Y Growth (%) 2021-2031F
- 11.3.3. By Verticals
 - 11.3.3.1. Agriculture
 - 11.3.3.1.1. By Value (USD Million) 2021-2031F
 - 11.3.3.1.2. Market Share (%) 2021-2031F
 - 11.3.3.1.3. Y-o-Y Growth (%) 2021-2031F
 - 11.3.3.2. Smart Logistic and Transportation
 - 11.3.3.2.1. By Value (USD Million) 2021-2031F
 - 11.3.3.2.2. Market Share (%) 2021-2031F
 - 11.3.3.2.3. Y-o-Y Growth (%) 2021-2031F

- 11.3.3.3. Healthcare
 - 11.3.3.3.1. By Value (USD Million) 2021-2031F
 - 11.3.3.3.2. Market Share (%) 2021-2031F
 - 11.3.3.3.3. Y-o-Y Growth (%) 2021-2031F
- 11.3.3.4. Civil Engineering
 - 11.3.3.4.1. By Value (USD Million) 2021-2031F
 - 11.3.3.4.2. Market Share (%) 2021-2031F
 - 11.3.3.4.3. Y-o-Y Growth (%) 2021-2031F
- 11.3.3.5. Industrial Manufacturing
 - 11.3.3.5.1. By Value (USD Million) 2021-2031F
 - 11.3.3.5.2. Market Share (%) 2021-2031F
 - 11.3.3.5.3. Y-o-Y Growth (%) 2021-2031F
- 11.3.3.6. Oil and Gas
 - 11.3.3.6.1. By Value (USD Million) 2021-2031F
 - 11.3.3.6.2. Market Share (%) 2021-2031F
 - 11.3.3.6.3. Y-o-Y Growth (%) 2021-2031F
- 11.3.3.7. Consumer Electronics
 - 11.3.3.7.1. By Value (USD Million) 2021-2031F
 - 11.3.3.7.2. Market Share (%) 2021-2031F
 - 11.3.3.7.3. Y-o-Y Growth (%) 2021-2031F
- 11.3.3.8. Others
 - 11.3.3.8.1. By Value (USD Million) 2021-2031F
 - 11.3.3.8.2. Market Share (%) 2021-2031F
 - 11.3.3.8.3. Y-o-Y Growth (%) 2021-2031F

12 NORTH AMERICA LOW POWER WIDE AREA NETWORK MARKET SIZE & FORECAST 2021A-2031F

- 12.1. Overview
- 12.2. Key Findings
- 12.3. Market Segmentation
 - 12.3.1. By Network Deployment
 - 12.3.2. By Application
 - 12.3.3. By Vertical
- 12.4. Country
 - 12.4.1. United States
 - 12.4.2. Canada

13 EUROPE LOW POWER WIDE AREA NETWORK MARKET SIZE & FORECAST

2021A-2031F

- 13.1. Overview
- 13.2. Key Findings
- 13.3. Market Segmentation
 - 13.3.1. By Network Deployment
 - 13.3.2. By Application
 - 13.3.3. By Vertical
- 13.4. Country
 - 13.4.1. Germany
 - 13.4.2. United Kingdom
 - 13.4.3. France
 - 13.4.4. Italy
 - 13.4.5. Spain
 - 13.4.6. Russia
 - 13.4.7. Rest of Europe (BENELUX, NORDIC, Hungary, Turkey & Poland)

**14 ASIA LOW POWER WIDE AREA NETWORK MARKET SIZE & FORECAST
2021A-2031F**

- 14.1. Overview
- 14.2. Key Findings
- 14.3. Market Segmentation
 - 14.3.1. By Network Deployment
 - 14.3.2. By Application
 - 14.3.3. By Vertical
- 14.4. Country
 - 14.4.1. India
 - 14.4.2. China
 - 14.4.3. South Korea
 - 14.4.4. Japan
 - 14.4.5. Rest of APAC

**15 MIDDLE EAST AND AFRICA LOW POWER WIDE AREA NETWORK MARKET
SIZE & FORECAST 2021A-2031F**

- 15.1. Overview
- 15.2. Key Findings
- 15.3. Market Segmentation

- 15.3.1. By Network Deployment
- 15.3.2. By Application
- 15.3.3. By Vertical
- 15.4. Country
 - 15.4.1. Israel
 - 15.4.2. GCC
 - 15.4.3. North Africa
 - 15.4.4. South Africa
 - 15.4.5. Rest of Middle East and Africa

16 LATIN AMERICA LOW POWER WIDE AREA NETWORK MARKET SIZE & FORECAST 2021A-2031F

- 16.1. Overview
- 16.2. Key Findings
- 16.3. Market Segmentation
 - 16.3.1. By Network Deployment
 - 16.3.2. By Application
 - 16.3.3. By Vertical
- 16.4. Country
 - 16.4.1. Mexico
 - 16.4.2. Brazil
 - 16.4.3. Rest of Latin America

17 COMPETITIVE LANDSCAPE

- 17.1. Company market share, 2021
- 17.2. Key player overview
- 17.3. Key stakeholders

18 COMPANY PROFILES

- 18.1. Semtech Corporation
 - 18.1.1. Company Overview
 - 18.1.2. Financial Overview
 - 18.1.3. Key Product; Analysis
 - 18.1.4. Company Assessment
 - 18.1.4.1. Product Portfolio
 - 18.1.4.2. Key Clients

18.1.4.3. Market Share

18.1.4.4. Recent News & Development (Last 3 Yrs.)

18.1.4.5. Executive Team

18.2. LORIOT

18.3. NWave Technologies

18.4. SIGFOX

18.5. WAVIoT

18.6. Cisco Systems

18.7. Actility

18.8. Weightless SIG

18.9. Senet, Inc.

18.10. AT&T Inc.

18.11. Huawei Technologies Co. Ltd.

18.12. Vodafone Group Plc.

18.13. Other Prominent Players

19 APPENDIX

20 CONSULTANT RECOMMENDATION

**The above given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable

I would like to order

Product name: Low Power Wide Area Network Market: By Network Deployment (Public Sector, Private Sector), By Application (Smart Waste Management, Smart Buildings, Smart Gas and Water Metering, Smart Streetlights, Smart Parking, Livestock Monitoring, Others), By Verticals (Agriculture, Smart Logistic and Transportation, Healthcare, Industrial Manufacturing, Oil and Gas, Consumer Electronics, Others), And Region – Global Analysis of Market Size, Share & Trends For 2019–2021 And Forecasts To 2031

Product link: <https://marketpublishers.com/r/L4A7D8F9A0BFEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L4A7D8F9A0BFEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970