

Technology Landscape, Trends and Opportunities in the Global Low Power Wide Area Network (LPWAN) Market

<https://marketpublishers.com/r/TFC30F9CC728EN.html>

Date: April 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: TFC30F9CC728EN

Abstracts

Get it in 2 to 4 weeks by ordering today

The technologies in low power wide area network (LPWAN) have undergone significant change in recent years, with traditional AlarmNet network t%li%advanced LoRaWAN network. The rising wave of new technologies, such as LoRaWAN are creating significant potential in smart building and smart parking applications due t%li%its low power usage, long lasting batteries, and better long distance communications.

In low power wide area network (LPWAN) market, various technologies, such as SIGFOX, LoRaWAN, and weightless are used in the smart waste management, smart building, smart gas and water metering, smart parking, smart streetlight, and livestock monitoring applications. Rising need of long range connectivity between devices, increasing adoption of IoT/M2M applications, low power consumption, and low cost of LPWAN technology are creating new opportunities for various low power wide area network (LPWAN) networks technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the low power wide area network (LPWAN) market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global low power wide area network (LPWAN) market by application, technology, and region as follows:

Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology Type [\$M shipment analysis from 2018 to 2030]:

SIGFOX

LoRaWAN

Weightless

Others

Technology Trends and Forecasts by Application [\$M shipment analysis from 2018 to 2030]:

Smart Waste Management

SIGFOX

LoRaWAN

Weightless

Others

Smart Building

SIGFOX

LoRaWAN

Weightless

Others

Smart Gas and Water Metering

SIGFOX

LoRaWAN

Weightless

Others

Smart Parking

SIGFOX

LoRaWAN

Weightless

Others

Smart Streetlight

SIGFOX

LoRaWAN

Weightless

Others

Livestock Monitoring

SIGFOX

LoRaWAN

Weightless

Others

Others

SIGFOX

LoRaWAN

Weightless

Others

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018 to 2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the Low Power Wide Area Network (LPWAN) Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the Low Power Wide Area Network (LPWAN) companies profiled in this report include Semtech Corporation, LORIoT, NWave Technologies, SIGFOX, WAVIoT, Actility, Ingenu, Link Labs, Weightless SIG, and Senet.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the low power wide area network (LPWAN) market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in low power wide area network (LPWAN) market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats to these technologies in low power wide area network (LPWAN) market?

Q.6 What are the latest developments in low power wide area network (LPWAN) technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this low power wide area network (LPWAN) market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this low power wide area network (LPWAN) technology space?

Contents

1. EXECUTIVE SUMMARY

2. TECHNOLOGY LANDSCAPE

- 2.1. Technology Background and Evolution
- 2.2. Technology and Application Mapping
- 2.3. Supply Chain

3. TECHNOLOGY READINESS

- 3.1. Technology Commercialization and Readiness
- 3.2. Drivers and Challenges in Low Power Wide Area Network (LPWAN) Technologies
- 3.3. Competitive Intensity
- 3.4. Regulatory Compliance

4. TECHNOLOGY TRENDS AND FORECASTS ANALYSIS FROM 2018-2030

- 4.1. Low Power Wide Area Network (LPWAN) Opportunity
- 4.2. Technology Trends (2018-2023) and Forecasts (2024-2030)
 - 4.2.1. SIGFOX
 - 4.2.2. LoRaWAN
 - 4.2.3. Weightless
 - 4.2.4. Others
- 4.3. Technology Trends (2018-2023) and Forecasts (2024-2030) by Application Segments
 - 4.3.1. Smart Waste Management
 - 4.3.1.1. SIGFOX
 - 4.3.1.2. LoRaWAN
 - 4.3.1.3. Weightless
 - 4.3.1.4. Others
 - 4.3.2. Smart Building
 - 4.3.2.1. SIGFOX
 - 4.3.2.2. LoRaWAN
 - 4.3.2.3. Weightless
 - 4.3.2.4. Others
 - 4.3.3. Smart Gas and Water Metering
 - 4.3.3.1. SIGFOX

- 4.3.3.2. LoRaWAN
- 4.3.3.3. Weightless
- 4.3.3.4. Others
- 4.3.4. Smart Parking
 - 4.3.4.1. SIGFOX
 - 4.3.4.2. LoRaWAN
 - 4.3.4.3. Weightless
 - 4.3.4.4. Others
- 4.3.5. Smart Streetlight
 - 4.3.5.1. SIGFOX
 - 4.3.5.2. LoRaWAN
 - 4.3.5.3. Weightless
 - 4.3.5.4. Others
- 4.3.6. Livestock Monitoring
 - 4.3.6.1. SIGFOX
 - 4.3.6.2. LoRaWAN
 - 4.3.6.3. Weightless
 - 4.3.6.4. Others
- 4.3.7. Others
 - 4.3.7.1. SIGFOX
 - 4.3.7.2. LoRaWAN
 - 4.3.7.3. Weightless
 - 4.3.7.4. Others

5. TECHNOLOGY OPPORTUNITIES (2018-2030) BY REGION

- 5.1. Low Power Wide Area Network (LPWAN) Market by Region
- 5.2. North American Low Power Wide Area Network (LPWAN) Technology Market
 - 5.2.1. United States Low Power Wide Area Network (LPWAN) Technology Market
 - 5.2.2. Canadian Low Power Wide Area Network (LPWAN) Technology Market
 - 5.2.3. Mexican Low Power Wide Area Network (LPWAN) Technology Market
- 5.3. European Low Power Wide Area Network (LPWAN) Technology Market
 - 5.3.1. The United Kingdom Low Power Wide Area Network (LPWAN) Technology Market
 - 5.3.2. German Low Power Wide Area Network (LPWAN) Technology Market
 - 5.3.3. French Low Power Wide Area Network (LPWAN) Technology Market
- 5.4. APAC Low Power Wide Area Network (LPWAN) Technology Market
 - 5.4.1. Chinese Low Power Wide Area Network (LPWAN) Technology Market
 - 5.4.2. Japanese Low Power Wide Area Network (LPWAN) Technology Market

- 5.4.3. Indian Low Power Wide Area Network (LPWAN) Technology Market
- 5.4.4. South Korean Low Power Wide Area Network (LPWAN) Technology Market
- 5.5. ROW Low Power Wide Area Network (LPWAN) Technology Market

6. LATEST DEVELOPMENTS AND INNOVATIONS IN THE LOW POWER WIDE AREA NETWORK (LPWAN) TECHNOLOGIES

7. COMPANIES / ECOSYSTEM

- 7.1. Product Portfolio Analysis
- 7.2. Market Share Analysis
- 7.3. Geographical Reach

8. STRATEGIC IMPLICATIONS

- 8.1. Implications
- 8.2. Growth Opportunity Analysis
 - 8.2.1. Growth Opportunities for the Low Power Wide Area Network (LPWAN) Market by Technology
 - 8.2.2. Growth Opportunities for the Low Power Wide Area Network (LPWAN) Market by Application
 - 8.2.3. Growth Opportunities for the Low Power Wide Area Network (LPWAN) Market by Region
- 8.3. Emerging Trends in the Low Power Wide Area Network (LPWAN) Market
- 8.4. Disruption Potential
- 8.5. Strategic Analysis
 - 8.5.1. New Product Development
 - 8.5.2. Capacity Expansion of the Low Power Wide Area Network (LPWAN) Market
 - 8.5.3. Mergers, Acquisitions, and Joint Ventures in the Low Power Wide Area Network (LPWAN) Market

9. COMPANY PROFILES OF LEADING PLAYERS

- 9.1. Semtech Corporation
- 9.2. LORIoT
- 9.3. NWave Technologies
- 9.4. SIGFOX
- 9.5. WAVIoT
- 9.6. Actility

9.7. Ingenu

9.8. Link Labs

9.9. Weightless SIG

9.10. Senet

I would like to order

Product name: Technology Landscape, Trends and Opportunities in the Global Low Power Wide Area Network (LPWAN) Market

Product link: <https://marketpublishers.com/r/TFC30F9CC728EN.html>

Price: US\$ 4,850.00 (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/TFC30F9CC728EN.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

