

Cellular M2M Markets: Consistent Growth Driven Mainly by Automotive and Utilities

<https://marketpublishers.com/r/C5707348902EN.html>

Date: November 2016

Pages: 89

Price: US\$ 4,400.00 (Single User License)

ID: C5707348902EN

Abstracts

This report analyses the overriding trends and changes taking place in the M2M market around the globe. It explores the driving forces behind the market's growth and transformation, including an examination of major market trends, plus volume and value forecasts up to 2020 by region (4) and by country (25). It also presents the quantitative evolution of cellular modules, by application and by networking technology.

The cellular M2M market is continuing its steady expansion. In 2015, the number of active cellular M2M modules (all technologies included) reached 283 million units.

Contents

1. EXECUTIVE SUMMARY

2. METHODOLOGY & DEFINITIONS

2.1. General methodology of IDATE's reports

2.2. Definitions and scope

2.2.1. Scope

2.2.2. Market segmentation

3. KEY UNDERLYING TECHNOLOGIES

3.1. M2M architecture

3.2. Standardisation

3.3. Emerging communication technologies

3.3.1. New technologies to meet verticals requirements

3.3.2. Emerging communication technologies

3.4. Non-communications technologies

3.4.1. Service and device management platforms

3.4.2. Big data

4. VERTICAL ADOPTION

4.1. Automotive

4.1.1. Applications

4.1.2. Development factors for automotive applications

4.2. Utilities

4.2.1. Applications

4.2.2. Development factors

4.3. Security

4.3.1. Applications

4.3.2. Development factors

4.4. Consumer electronics

4.4.1. Applications

4.4.2. Development factors

4.5. Healthcare

4.5.1. Applications

4.5.2. Development factors

- 4.6. Transport
 - 4.6.1. Applications
 - 4.6.2. Development factors
- 4.7. Commerce/retail
 - 4.7.1. Applications
 - 4.7.2. Development factors
- 4.8. Smart city
 - 4.8.1. Applications
 - 4.8.2. Development factors
- 4.9. Smart home
 - 4.9.1. Applications
 - 4.9.2. Development factors
- 4.10. Agriculture
 - 4.10.1. Applications
 - 4.10.2. Development factors
- 4.11. Pets
 - 4.11.1. Applications
 - 4.11.2. Development factors

5. MARKET STRUCTURE AND PLAYER STRATEGIES

- 5.1. Industry structure
 - 5.1.1. Value chain
 - 5.1.2. Competition structure/landscape/environment
- 5.2. Market adoption
 - 5.2.1. Main interests
 - 5.2.2. M2M as an enabler to facilitate business transformation
- 5.3. Main players
 - 5.3.1. Module players
 - 5.3.2. Connectivity players
 - 5.3.3. IT players

6. STRATEGIC ANALYSIS

- 6.1. Hardware segment
 - 6.1.1. Towards end-to-end offerings
 - 6.1.2. Positioning still varied
- 6.2. Connectivity segment
 - 6.2.1. LPWA: a must-have for MNOs to leverage the promising IoT market

- 6.2.2. ARPU is low and will decrease
- 6.2.3. QoS, a rising argument
- 6.2.4. eSIM and its related impacts for Telcos
- 6.2.5. Alliances between MNOs
- 6.2.6. Acquisitions or partnerships towards vertical proposition expertise
- 6.2.7. Towards ever more services
- 6.3. IT segment
 - 6.3.1. Application platform: Telco initiatives
 - 6.3.2. Data storage and management
 - 6.3.3. Towards the cloud and big data
 - 6.3.4. Application platforms
 - 6.3.5. Towards market consolidation

7. MARKETS AND FORECASTS

- 7.1. Market development factors
 - 7.1.1. Analysis of growth drivers
 - 7.1.2. Forecast assumption
- 7.2. Market forecasts
 - 7.2.1. Forecasts 2015-2020
 - 7.2.2. Forecasts by country
 - 7.2.3. Forecasts by technology
 - 7.2.4. Forecasts by application
 - 7.2.5. Forecasts by market segment, by platform

Tables & Figures

TABLES & FIGURES

Table 1: M2M market segmentation

Table 2: Mobile technologies specifications

Table 3: Key 5G applications on IoT/M2M

Table 4: ISM bands

Table 5: ISM bands analysis (for European region)

Table 6: Features of main short-range technologies

Table 7: Main applications in the automotive industry

Table 8: Main applications in the utility industry

Table 9: Main applications in the security industry

Table 10: Main applications in the consumer electronics industry

Table 11: Main applications in the healthcare industry

Table 12: Main applications in the transport industry

Table 13: Main applications in the commerce industry

Table 14: Main applications in the smart city industry

Table 15: Main applications in the smart home industry

Table 16: Main applications in agriculture

Table 17: Main applications in the 'pets' industry

Table 18: Main acquisitions in M2M space

Table 19: Market landscape for MVNE

Table 20: Market landscape for network operators

Table 21: Market landscape for integrators, service providers and software players

Table 22: Main IoT acquisitions

Table 23: Module manufacturer acquisitions in the platform market

Table 24: Sierra Wireless revenues, by product line

Table 25: Main acquisitions in M2M space

Table 26: Positioning of main M2M module vendors

Table 27: Key partnerships of SIGFOX and LoRa in each addressed country or territory

Table 28: Main players' positioning on the IoT-focused technologies

Table 29: Main features of IoT networking technologies

Table 30: Main features of competing technologies

Table 31: Application features including usage and ARPU

Table 32: Carrier positioning

Figure 1: Architecture of an M2M solution

Figure 2: Main objective of OneM2M

Figure 3: Main benefits of OneM2M

Figure 4: Landscape of IoT/M2M networking technologies

Figure 5: LTE developments to address M2M and IoT

Figure 6: Different specifications of LTE versions focused on IoT

Figure 7: Scope of 5G

Figure 8: Jasper global platform

Figure 9: Various kinds of data sources

Figure 10: M2M value chain

Figure 11: Adopters allocate similar budgets to IoT as to cloud, analytics and mobility

Figure 12: Objectives of IoT/M2M adoption

Figure 13: Market landscape for module players

Figure 14: Connected wristbands, by Huawei

Figure 15: Sierra Wireless product line

Figure 16: Sierra revenue by geographical region

Figure 17: Main recent acquisitions of Sierra Wireless

Figure 18: Telit offering

Figure 19: Key performance indicators for AT&T Mobility

Figure 20: Wide scope seen by AT&T in the M2M space

Figure 21: Orange Smart home solution evolution

Figure 22: Orange Datavenue platform

Figure 23: IoT timeline at Telefónica

Figure 24: Connectivity hub offering

Figure 25: M2M in Vodafone organisation

Figure 26: Partners market in Europe

Figure 27: Ericsson offering

Figure 28: Jasper footprint and list of partners

Figure 29: List of Jasper car manufacturer partners

Figure 30: ThingWorx platform

Figure 31: Operating principle of Sierra Wireless platform

Figure 32: SIGFOX compared to cellular features

Figure 33: LoRa classes targeting bidirectional applications

Figure 34: Coverage and deployment of LoRa network at Bouygues Telecom in France

Figure 35: Module cost target

Figure 36: Timeline of key cellular IoT/M2M technologies

Figure 37: Promotion of SLA at Vodafone

Figure 38: Swisscom management platform SLA

Figure 39: Introduction of a new role of subscription manager

Figure 40: Embedded SIM roadmap

Figure 41: A change in SIM-life model

Figure 42: M2M World Alliance footprint

Figure 43: Cloud M2M strategy at T-Mobile

Figure 44: T-Mobile strategy towards the cloud and big data

Figure 45: World cellular M2M markets in value, by region, 2015-2020

Figure 46: World Cellular M2M markets in volume, by region, 2015-2020

Figure 47: Cellular module CAGR 2015/2020, by country

Figure 48: World cellular module evolution, by technology, 2015-2020

Figure 49: World M2M module evolution, by vertical, 2015 and 2020

Figure 50: Worldwide cellular connectivity revenues, by region, 2015-2020

Figure 51: Share of cellular M2M revenues in mobile data revenues worldwide, 2015-2020

Figure 52: Worldwide breakdown of cellular M2M revenues, 2020

Figure 53: Cellular M2M module market in value, by region, 2015-2020

I would like to order

Product name: Cellular M2M Markets: Consistent Growth Driven Mainly by Automotive and Utilities

Product link: <https://marketpublishers.com/r/C5707348902EN.html>

Price: US\$ 4,400.00 (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/C5707348902EN.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