



# Machine To Machine Communication Market Analysis: By Technology, By Component - Forecast (2018-2023)

*Many sectors are in huge need of M2M communication to make their operations more efficient and increase their productivity.*

HYDERABAD, TELANGANA, INDIA, September 5, 2018 /EINPresswire.com/ -- Unearthing the New Way of Communication through Machines

Many industrial sectors such as services, manufacturers are in search of technology to make daily operations easy without human intervention. This made them land into the field of automation in the form of Machine to Machine Communication, often termed as [M2M Communication](#). Many sectors such as utilities, automotive, healthcare, retail, and consumer electronics are in huge need of M2M communication to make their operations more efficient and increase their productivity. Therefore, this market is projected to see an exponential growth in its market share owing to the rising demand for automation, high speed network and digitalization in order to operate their businesses with intelligence.

As it is an amalgamation of different kinds of networks, M2M communications technology poses many challenges to the market, especially in designing security. Massive adoption of this technology could set a wide range of problems associated with market liberalization, frequency, spectrum policy, privacy and access to public information. These problems again have different characteristics that hinder the growth of the market. Policy makers with the concern to protect public security restrict the development of M2M communication technology in security sensitive areas.

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M2M communication will enable the facilitation of bundle of information of all aspects related to different sectors. This information can be used in different ways other than the primary reason it is collected for. This will pose the market to threats, such as violating privacy policy. This technology also contravenes the policy of telecommunication numbering allotted to public leaving an option for private organizations to access this information for developing their businesses.

IoT smart energy, tele communication networks, increasing demand for digitalization and automation have been driving this market since its inception. The growing demand for M2M communication in supply chain management is acting as the primary catalyst in the growth of M2M communications market which helps them to automate their process in an efficient and effective way. Another driver contributing to the growth of M2M communication is the demand for retail security which avoids the unaccounted and accidental loss of inventory.

However, in few cases such as bandwidth issues, situational awareness M2M communications technology cannot be used which brings down its performance making it restricted to few areas for use.

Various industrial sectors have been turning out to be opportunities for the M2M communications to grow. With the survival of high speed 4G LTE network there has been enough demand for M2M communication to improve security and surveillance. Not only high speed networks, there are also other areas of technology, where M2M communications are required for security, such as supply chain, traffic control, financial transactions etc. Security and surveillance is an area that needs more automation which can be achieved through M2M communication.

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However, M2M communications technology has its impact in the long run by automating the business operations. This technology has both pros and cons to look after. The pros are that every machine gets automated to make daily routine operations easy and reduce the rate of errors. Thus this technology will reduce costs, saves energy and time for businesses. But the cons are certain risks such as job losses, security implications, and inhumane actions against a situation. Thus this technology will have huge impact on businesses as well as common men.

Machine to Machine Communication Market report is segmented as indicated below:

#### 1. Machine to Machine Communication Market - By Technology

##### 1.1. Wired Technology

###### 1.1.1. Ethernet

###### 1.1.2. Industrial Ethernet

##### 1.2. Wireless Technology

###### 1.2.1. Wi-Fi

###### 1.2.2. Bluetooth

###### 1.2.3. Zigbee

##### 1.3. Cellular

###### 1.3.1. GSM

###### 1.3.2. GPRS

###### 1.3.3. CDMA

###### 1.3.4. 2G

###### 1.3.5. 3G

###### 1.3.6. 4G/LTE

##### 1.4. Satellite

##### 1.5. Cloud Management

##### 1.6. NFC

##### 1.7. CEP (Complex event Processing)

##### 1.8. SCADA (Supervisory control and Data Acquisition)

##### 1.9. IDS (Information Discovery service)

##### 1.10. LPWA (Low Power Wide Area Network)

##### 1.11. WAF (Wide Area Fixed)

##### 1.12. Short Range

#### 2. Machine to Machine Communication Market –By Device

##### 2.1. Introduction

##### 2.2. Wi-Fi

##### 2.3. Sensors

##### 2.4. Software

#### 3. Machine to Machine Communication Market- By End User Industry

##### 3.1. Manufacturing

##### 3.2. Healthcare

##### 3.3. Security & Surveillance

##### 3.4. Automotive & Transportation/ Logistics

- 3.5. Oil & Gas
- 3.6. Consumer Electronics
- 3.7. Warehouse Management
- 3.8. Agriculture
- 3.9. Others

- 4. Machine to Machine Communication Market – By Market Entropy
- 5. Machine to Machine Communication Market – By Geography

#### Companies Cited/Interviewed/Referenced

AT&T, Inc.  
Cisco Systems, Inc.  
Huawei Technologies Co., Ltd.  
NXP Semiconductors N.V.  
Texas Instruments Incorporated  
Intel Corporation  
Gemalto N.V.  
Company 15+

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<https://industryarc.com/Report/18544/industry-4-market.html>

##### B. Industry 4.0 Equipment Market

<https://industryarc.com/Report/17938/industry-4-equipments-market.html>

What can you expect from the report?

The Machine To Machine Communication Market Analysis Report is Prepared with the Main Agenda to Cover the following 20 points:

1. Market Size by Product Categories
2. Market trends
3. Manufacturer Landscape
4. Distributor Landscape
5. Pricing Analysis
6. Top 10 End user Analysis
7. Product Benchmarking
8. Product Developments
9. Mergers & Acquisition Analysis
10. Patent Analysis
11. Demand Analysis ( By Revenue & Volume )
12. Country level Analysis (15+)
13. Competitor Analysis
14. Market Shares Analysis
15. Value Chain Analysis
16. Supply Chain Analysis
17. Strategic Analysis
18. Current & Future Market Landscape Analysis
19. Opportunity Analysis
20. Revenue and Volume Analysis

#### Frequently Asked Questions:

Q. Does IndustryARC publish country, or application based reports in Machine To Machine Communication Market Analysis?

Response: Yes, we do have separate reports and database as mentioned below:

1. North America M2M Communication Market Analysis (2018-2023)
2. South America M2M Communication Market Analysis (2018-2023)
3. Europe M2M Communication Market Analysis (2018-2023)
4. Asia Pacific M2M Communication Market Analysis (2018-2023)
5. Middle East and Africa M2M Communication Market Analysis (2018-2023)
6. Wireless Technology M2M Communication Market Analysis (2018-2023)
7. Sensors M2M Communication Market Analysis (2018-2023)
8. Security & Surveillance M2M Communication Market Analysis (2018-2023)

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