

Cellular M2M market: Segmented by application (Asset Tracking and Monitoring, Predictive Maintenance, Telemedicine, and Fleet Management); by services (Connectivity, Professional, and Managed) and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030

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Abstracts

174+ Pages Research Report Global Cellular M2M market to surpass USD 33 billion by 2030 from USD 8.9 billion in 2020 at a CAGR of 20.4% in the coming years, i.e., 2021-30.

Product Overview

Without any automation management and human interaction, cellular M2M communication allows devices to communicate simply with each other. A wide range of industries including energy and utilities, healthcare, manufacturing, and others benefit from these communication platforms by delivering dependable and cost-effective remote management, connectivity, and hardware communication solutions. Its main means of communication is through machine to machine (M2M), which aids humans in a variety of ways. In order to take advantage of higher coverage and reduced network launch costs for M2M devices, many of them are now using cellular networks. A mobile phone's dynamic protocol stack, high power consumption, and high cost make machine terminals similar to mobile phones.

Market Highlights

Global Cellular M2M Market is expected to project a notable CAGR of 20.4% in 2030. In maintaining M2M device connections, connectivity is critical. Wireless communication is being more widely used in a variety of businesses. M2M has opened up a wide range

of connectivity options for businesses with devices spread across several sites.

Global Cellular M2M market: Segments

Asset tracking segment to grow with the highest CAGR during 2020-30

Global Cellular M2M Market is segmented by application into Asset Tracking and Monitoring, Predictive Maintenance, Telemedicine, and Fleet Management. Asset monitoring has been utilized to address issues such as asset theft and loss, wasteful operations, and poor operational performance. The M2M asset monitoring tool enables organizations to manage assets efficiently in order to improve employee safety, automate processes, and optimize their supply chain. The application is essential for asset health maintenance as well as troubleshooting in the event of an emergency.

Connectivity segment to grow with the highest CAGR during 2020-30

Global Cellular M2M market is divided by services into Connectivity, Professional, and Managed. With the surge in complex applications being deployed by clients, the demand for connectivity services is increasing. Security, reliability, scalability, and coverage in remote places are all requirements for services. As a result, delivering global roaming services and SIMs has become a critical component of developing end-to-end IoT systems.

Market Dynamics

Drivers

Penetration of high-speed internet

Customers, businesses, and communication service providers now connect with business processes in new ways thanks to the internet and wireless technology. The tremendous increase in M2M connections is having a massive impact on how many organizations across industries do business by enhancing operational efficiency, product and service quality, and decision-making. Organizations are adopting next-generation connectivity technologies like 4G and 5G to enable innovation and achieve a competitive advantage by connecting billions of devices, machines, and people in the hyper-connected region.

Boost to IoT

M2M is an important part of the growing Internet of Things revolution. M2M connections, together with big data analytics, cloud computing, and sensors, and actuators that may work together to run autonomous machines and intelligent systems, are all part of the Internet of Things. Sensing and actuation have provided M2M a boost to IoT, thanks to recent improvements in wireless communications. Furthermore, for many years, the number of linked devices has been expanding tremendously and will continue to do so

in the future. As a result, IoT is enabling a diverse set of smart applications and services to address a variety of difficulties that people experience on a daily basis.

Restraint

Security concerns

The volume of data acquired by M2M technology poses significant security and privacy concerns. Data sharing via cloud services expands the number of places where personal information is stored. Most cellular-based M2M application providers map, monitor, and store personal data, asset, and vehicle information, and remote access to various IT systems, and they are concerned about the disclosure of this sensitive data to third parties for marketing purposes or to government officials.

Global Cellular M2M market: Key Players

Orange S.A. (France)

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

Telefonica (Spain)

Vodafone (UK)

Ericsson (Sweden)

Kore Wireless (US)

Aeris (US)

Arm Holdings (UK)

China Mobile (China)

Infineon (Germany)

Thales Group (France)

Orbocomm (US)

Other Prominent Players

Global Cellular M2M market: Regions

Global Cellular M2M Market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East, and Africa. Global Cellular M2M market in North America held the largest market share of XX% in the year 2020. North America has been particularly quick to implement the most recent technology breakthroughs, such as cloud and mobile integration into cellular M2M solutions, in order to streamline company processes and

maximize resource efficiency. The region is a leader in the deployment of cellular M2M mobile applications, which are effective in safeguarding digital document sharing and cooperation among employees or sites who are geographically dispersed. Furthermore, North America is home to a large number of technology pioneers. The headquarters of most of the major market participants, including AT&T, Verizon, and T-Mobile, are located in this region.

Global Cellular M2M market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Global Cellular M2M market report also contains analysis on:

Cellular M2M market Segments:

By services Type

Connectivity

Professional

Managed

By application

Asset Tracking and Monitoring

Predictive Maintenance

Telemedicine

Fleet Management

Cellular M2M market Dynamics

Cellular M2M market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Cellular M2M Market Report Scope and Segmentation

Report Attribute Details

Market size value in 2021 USD 8.9 billion

Revenue forecast in 2030 USD 33 billion

Growth Rate CAGR of 20.4% from 2021 to 2030

Base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Services, application, and Region

Regional scope North America; Europe; Asia Pacific; Latin America; Middle East & Africa (MEA)

Key companies profiled Orange S.A. (France), Telefonica (Spain), Vodafone (UK), Ericsson (Sweden), Kore Wireless (US), Aeris (US), Arm holdings (UK), China Mobile (China), Infineon (Germany), Thales Group (France), Orbocomm (US), Telit (UK), Giesecke+Devrient (Germany), Cubic Telecom (Ireland), Other Prominent Players.

Frequently Asked Questions

How big is the Cellular M2M Market?

What is the Cellular M2M Market growth?

Which segment accounted for the largest Cellular M2M Market share?

Who are the key players in the Cellular M2M Market?

What are the factors driving the Cellular M2M Market?

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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

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