

Off-Highway Vehicle Telematics Market is estimated to be 1.6 billion by 2029 with a CAGR of 5.3% during the forecasted period.

[Off-Highway Vehicle Telematics Market](#) is anticipated to register a CAGR of 18.1%. A telematics system includes a vehicle tracking device installed in a vehicle that allows the sending, receiving and storing of telemetry data. The telematics data include location, speed, idling time, harsh acceleration or braking, fuel consumption, and vehicle faults. When analyzed for particular events and patterns, this information can provide in-depth insights across an entire fleet. By advancements in telecommunication and information technology, telematics is now being used across various industries for transportation and logistics purposes. Recently, the application's focus has shifted from vehicle location and routing to solutions focused on drivers and their safety. By monitoring the driving behavior, vehicle health and maintenance intervals, telematics solutions help minimize accidental incidents, speeding tickets, and downtime.

The report "**Global Off-Highway Vehicle Telematics Market, By Technology (Cellular and Satellite), By Sales Channel (Original Equipment Manufacturers (OEM) and Aftermarket), By End-Use Application (Construction, Agriculture, and Mining), and By Region (North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa) - Trends, Analysis and Forecast till 2029**".

Key Highlights:

- In July 2020, the Global automotive component supplier Continental announced that two major European vehicle manufacturers have once again decided to work with the company to supply innovative telematics and antenna solutions. The company is developing intelligent antennas with the help of its partner Kathrein Automotive, an antennas specialist acquired by Continental in 2019.
- In June 4 2020, Tata AIG launched the telematics-based motor insurance to save premiums.

Analyst View:

Growth of the global off-highway vehicle (OHV) telematics market is influenced by a number of factors such as the recovering construction industry, increasing demand for precision agriculture, and focus on operational excellence in the mining industry. Governments across numerous countries are developing stringent policies to ensure safety and security of off-highway vehicles. This includes periodic inspection, timely servicing of brakes, and integration of electronic tools and communication systems in these vehicles. Key trends observed in the global off-highway vehicle (OHV) telematics market are collaboration between OEMs and telematics service providers, adoption of dual mode service option for M2M communication, reduction in the cost of telematics services and high adoption of telematics by rental equipment companies.

Practical applications of telematics include vehicle tracking, container tracking, trailer tracking, fleet management, telematics standards, car-sharing, emergency warning for cars, auto insurance, etc. Furthermore, off-highway vehicle (OVH) telematics refers to the integrated use of information and communication with telecommunications technology. OVH telematics finds applications in various sectors including agriculture, mining, and constructions. The global off-highway Vehicle (OHV) telematics market is estimated to account for US\$ 116.3 Million in terms

of value in 2019 and is expected to grow at a CAGR of 13.3% during the forecasted period 2019-27.

Key Market Insights from the report:

The global off-highway vehicle telematics market is anticipated to register a CAGR of 18.1%. The market report has been segmented on the basis of technology, sales channel, end user application, and region.

- Depending upon technology, the global market is segmented into cellular and satellite. Cellular segment is expected to amend the market from 2018.
- Depending upon the material, the PES segment is projected to register highest share of the market in 2019 owing to
- In terms of technique, microfiltration is hydrophilic nature of PES and its wide use in viral clearance and sterile filtration. Projected to witness highest CAGR over the forecast period. Microfiltration is extensively used in concentrating, purifying or separating macromolecules, colloids and suspended particles from solution. It is widely used for the cold sterilization of pharmaceuticals.
- By end user application, end users generally prefer telematics services provided by OEMs as compared to those provided by aftermarket telematics service providers. OEMs collaborate with various telematics companies to offer enhanced services to end users and gain great advantage in the long term.
- By region, North America region contributes to the largest share in the global off highway vehicle telematics market due to various factors such presence of major telematics manufacturing facilities and considerable spending on research and development activities in this region.

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Competitive Landscape:

The prominent player operating in the global off-highway vehicle telematics market includes CalAmp, Caterpillar, CNH Industrial, Deere & Company, Doosan, JCB, Komatsu, Mix Telematics, Omnitrac, and ORBCOMM.

The market provides detailed information regarding the industrial base, productivity, strengths, manufacturers, and recent trends which will help companies enlarge the businesses and promote financial growth. Furthermore, the report exhibits dynamic factors including segments, sub-segments, regional marketplaces, competition, dominant key players, and market forecasts. In addition, the market includes recent collaborations, mergers, acquisitions, and partnerships along with regulatory frameworks across different regions impacting the market trajectory. Recent technological advances and innovations influencing the global market are included in the report.

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