

# Coolant Temperature Sensors Market Size, Trends, Analysis, and Outlook by Type (2-Wire Coolant Temperature Sensors, 1-Wire Coolant Temperature Sensors), EV Charging Technology (Wired, Wireless), Electric Vehicle Application (Engine, HVAC, Battery, Motor), Distribution Channel (OEM, Aftermarket), by Country, Segment, and Companies, 2024-2030

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## Abstracts

The global Automotive Telematics market size is poised to register 16.27% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Automotive Telematics market by Technology (Embedded, Tethered, Integrated), Solution (Component, Service), Vehicle (Passenger, Commercial), Sales Channel (OEM, Aftermarket), Application (Information & Navigation, Safety & Security, Fleet Management, Insurance Telematics, Others).

The Automotive Telematics Market is poised for significant growth and innovation by 2030, driven by a convergence of technological advancements, regulatory mandates, and shifting consumer expectations. With vehicles becoming increasingly connected and autonomous, there's a growing demand for telematics solutions that offer real-time data insights, enhanced safety features, and personalized connectivity experiences. Trends such as the rise of electric and autonomous vehicles, the adoption of advanced driver-assistance systems (ADAS), and the emergence of smart city initiatives are reshaping the requirements for automotive telematics, driving the need for solutions that provide seamless communication between vehicles, infrastructure, and other devices in the ecosystem. In addition, as governments worldwide implement regulations to improve road safety, reduce emissions, and enhance transportation efficiency, there's a rising emphasis on telematics solutions that enable compliance, emissions monitoring, and predictive maintenance. Further, as consumers seek personalized and convenient

mobility experiences, there's an increasing adoption of telematics services such as remote diagnostics, vehicle tracking, and connected car services. With automotive OEMs, technology providers, and ecosystem stakeholders collaborating to create connected and sustainable mobility ecosystems, the Automotive Telematics Market is poised for sustained growth and innovation, shaping the future of transportation and mobility experiences..

### Automotive Telematics Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Automotive Telematics market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Automotive Telematics survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Automotive Telematics industry.

### Key market trends defining the global Automotive Telematics demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Automotive Telematics Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Automotive Telematics industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Automotive Telematics companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Automotive Telematics industry  
Leading Automotive Telematics companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report

provides key strategies opted for by the top 10 Automotive Telematics companies.

#### Automotive Telematics Market Study- Strategic Analysis Review

The Automotive Telematics market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis.

Explore potential market disruptions, technology advancements, and economic changes.

#### Automotive Telematics Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Automotive Telematics industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

#### Automotive Telematics Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

#### North America Automotive Telematics Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Automotive Telematics market segments. Similarly, Strong end-user demand is encouraging Canadian Automotive Telematics companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Automotive Telematics market is expected to experience significant expansion, offering lucrative

opportunities for both domestic and international stakeholders.

**Europe Automotive Telematics Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities**

The German industry remains the major market for companies in the European Automotive Telematics industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Automotive Telematics market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

**Asia Pacific Automotive Telematics Market Size Outlook- an attractive hub for opportunities for both local and global companies**

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Automotive Telematics in Asia Pacific. In particular, China, India, and South East Asian Automotive Telematics markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

**Latin America Automotive Telematics Market Size Outlook- Continued urbanization and rising income levels**

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Automotive Telematics Market Size Outlook- continues its upward trajectory across segments**

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Automotive Telematics market potential. Fueled by increasing consumption expenditure, growing

population, and high demand across a few markets drives the demand for Automotive Telematics.

#### Automotive Telematics Market Company Profiles

The global Automotive Telematics market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are AB Volvo, BMW Motors, Ford Motor Company, General Motors Company, Hyundai Motor Company, Mercedes-Benz AG, Nissan Motor Co. Ltd, Tata Motors, Toyota Motor Corp, Volkswagen AG.

#### Recent Automotive Telematics Market Developments

The global Automotive Telematics market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

#### Automotive Telematics Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

#### Market Segmentation:

Technology

Embedded

Tethered

Integrated

Solution

Component

Service  
Vehicle  
Passenger  
Commercial  
Sales Channel  
OEM  
Aftermarket  
Application  
Information & Navigation  
Safety & Security  
Fleet Management  
Insurance Telematics  
Others

Geographical Segmentation:  
North America (3 markets)  
Europe (6 markets)  
Asia Pacific (6 markets)  
Latin America (3 markets)  
Middle East Africa (5 markets)

Companies  
AB Volvo  
BMW Motors  
Ford Motor Company  
General Motors Company  
Hyundai Motor Company  
Mercedes-Benz AG  
Nissan Motor Co. Ltd  
Tata Motors  
Toyota Motor Corp  
Volkswagen AG.  
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Type

## **2-WIRE COOLANT TEMPERATURE SENSORS**

### **1-WIRE COOLANT TEMPERATURE SENSORS**

EV Charging Technology

Wired

Wireless

Electric Vehicle Application

Engine

HVAC

Battery

Motor

Distribution Channel

OEMs Market

Aftermarket

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