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Automotive Data Logger Market by End Market (OEMs, Service Stations, and Regulatory Bodies), Application, Post-Sales Application, Channels, Connection Type, and Region (Asia Pacific, Europe, North America, and RoW) - Global Forecast to 2025

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Abstracts

The global automotive data logger market is estimated to be USD 3.1 billion in 2020 and is projected to reach USD 4.4 billion by 2025, at a CAGR of 7.0% from 2020 to 2025. The market growth is primarily driven by the growth in the complexity of electronic architecture in modern ICEs and electric vehicles because of the stringent emission regulations as well as the growing number of luxury vehicles and their embedded features. In such cases, a lot of effort goes into developing these advanced features, which require extensive use of data loggers.

“ADAS & safety segment in post-sales application is estimated to be the fastest-growing segment of the automotive data logger market, in terms of value, by 2025”

The safety of the vehicle, driver, passengers, and pedestrians is the primary focus of various OEMs and regulatory boards. With the growth in the number of vehicles along with economic development, traffic on the roads is growing significantly and is likely to keep growing in the years to come. It thus becomes important to make the vehicles smart enough so that they can guarantee their own as well as passengers’ safety. The OEMs thus insert high tech controllers in vehicles to make them capable. Data loggers play a crucial part in the testing of these controllers and their maintenance.

“Post-sales segment is estimated to be the largest segment of the automotive data logger market, by application, in terms of value”

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The post-sales applications have been considered from the perspective of service centers. Service centers use various types of data logging tools such as scanners, code readers, digital pressure testers, TPMS tools, and battery analyzers for diagnosing errors in vehicles and rectifying them when they are brought for repair and maintenance. Some high-end authorized service centers use more sophisticated data loggers. Hence, the market for the post-sales segment is expected to be the largest in automotive data loggers, by application.

“Europe is estimated to be the fastest growing market for automotive data logger, in terms of value”

Europe is estimated to be the fastest growing region in the automotive data logger market during the forecast period. Europe comprises leading economies such as Germany, UK, and France along with developing nations like Turkey and Russia is the largest market for automobiles. In the recent years, the region has emerged as a hub for adoption of advance features in automobile. Infrastructural developments and industrialization in the region have opened new avenues, creating several opportunities for automotive OEMs. Thus, Europe is estimated to be the fastest growing market for automotive data loggers.

The study contains insights provided by various industry experts, ranging from automotive data logger manufacturers to automobile OEMs and various automotive associations. The break-up of the primaries is as follows:

By Company Type: Tier 1–45% and Tier 2–20%, and OEMs–35%

By Designation: C Level–25%, D Level–22% and Others–53%

By Region: Asia Pacific–37%, Europe–28%, North America–25%, and RoW-10%

Note: *Other designations include sale managers, marketing managers, and product managers

*Company tiers are based on the value chain of the automotive data logger market. The revenues of companies have not been considered.

Major players in the automotive data logger market are Vector Infomatik (Germany),

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Aptiv (Ireland), National Instruments (US), Continental (Germany), and Racelogic (UK).

Players profiled in the report are:

Aptiv (Ireland)

Vector Infomatik(Germany)

Continental (Germany)

Harman International (US)

Racelogic (US)

National Instruments (US)

TTTech Group (Austria)

Xilinx (US)

Intrepid Control Systems, Inc. (US)

Horiba (Japan)

Ipetronik GmbH & Co. Kg (Germany)

Dewesoft D.O.O. (Slovenia)

HEM Data Corporation (US)

Danlaw Technologies India Limited (India)

MEN Micro Inc. (US)

Madgetech, Inc. (US)

Influx Technology (UK)

NSM Solutions (India)

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myCarma (Canada)

Transtron Inc. (Japan)

Research Coverage

The report covers the automotive data logger market by end market (OEMs, service stations, and regulatory bodies), by application (pre-sales and post-sales), by post-sales application (OBD, ADAS & safety, fleet management, and automotive insurance), by channels (CAN & CAN FD, LIN, FlexRay, and Ethernet), by connection type (SD Card, USB, and Bluetooth/Wi-Fi), Component (hardware and software), and region (Asia Pacific, Europe, North America, and Rest of the World).

Reasons to Buy the Report:

The report provides insights into the following points:

Market Penetration: The report provides comprehensive information on automotive data logger applications offered by the top players in the industry.

Product Development/Innovation: The report provides detailed insights into upcoming technologies, R&D activities, and new product launches in the automotive data logger market.

Market Development: The report offers comprehensive information about the automotive data logger market. The report analyzes the market for automotive data logger applications across regions and provides comprehensive information about the lucrative emerging markets.

Market Diversification: The report provides exhaustive information about emerging trends, market dynamics, and investments in the global automotive data logger market.

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