

Top 10 Automotive Technologies: By Type (Autonomous Vehicles (AVs), Vehicle Security, Electrification, Shared Mobility, Artificial Intelligence, Big Data & Analytics, Human, Machine Interfaces, Block chain, 3D Printing, and Internet of Things), By Technology (Remote Diagnostics, On Board Internet Services, Security Systems in Automotive, Vehicle Intelligence Systems, Night Vision, and Lane Departure Warning System) And Region – Global Analysis Of Market Size, Share & Trends For 2019–2020 And Forecasts To 2031

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Abstracts

Top 10 Automotive Technologies: By Type (Autonomous Vehicles (AVs), Vehicle Security, Electrification, Shared Mobility, Artificial Intelligence, Big Data & Analytics, Human, Machine Interfaces, Block chain, 3D Printing, and Internet of Things), By Technology (Remote Diagnostics, On Board Internet Services, Security Systems in Automotive, Vehicle Intelligence Systems, Night Vision, and Lane Departure Warning System) And Region – Global Analysis Of Market Size, Share & Trends For 2019–2020 And Forecasts To 2031

PRODUCT OVERVIEW

Information-centric technology will play a vital role in the future of the automotive sector, according to industry trends. The sector is implementing new technology into its operations at an unprecedented rate. In addition to more established technologies like

artificial intelligence (AI) & big data & analytics, newer technologies including the internet of thing (IoT) as well as block chain have several uses in the automotive industry. Autonomous vehicle (AVs), vehicle security, electrifications, shared mobility, artificial intelligence(AI), big data analytics, human-machine interface, block chain, 3D printing, and the Internet of Things are among the top ten automotive technologies.

MARKET HIGHLIGHTS

Global Top 10 Automotive Technologies market is expected to project a notable CAGR of 17.7% in 2031.

Global Top 10 Automotive Technologies to surpass USD 832.5 billion by 2031 from USD 163.2 billion in 2021 at a CAGR of 17.7% in the coming years, i.e., 2021-31. The industry for Top ten Automotive technology is being driven by an increase in sales of luxury vehicles with advanced technologies. Furthermore, government regulations relating to safety features have accelerated the development of vehicle technologies.

GLOBAL TOP 10 AUTOMOTIVE TECHNOLOGIES: SEGMENTS

Vehicle security segment to grow with the highest CAGR during 2021-31

Based on type global top 10 Automotive Technologies are segmented into Autonomous Vehicles (AVs), Vehicle Security, Electrification, Shared Mobility, Artificial Intelligence, Big Data & Analytics, Human, Machine Interfaces, Block chain, 3D Printing and Internet of Things. Vehicle security system are likely to maintain its leading position for top 10 automotive technology in terms of volume, with the highest market share. Vehicle theft has increased in recent years as a result of high-tech and advanced stealing strategies. The automotive technologies industry has seen significant demand, particularly for vehicle security systems, as the number of innovative vehicle technologies grows.

On board internet services segment to grow with the highest CAGR during 2021-31

Based on technology global top 10 Automotive Technologies are segmented into Remote Diagnostics, On Board Internet Services, Security Systems in Automotive, Vehicle Intelligence Systems, Night Vision, and Lane Departure Warning System. During the projection period, the on-board internet services sector is anticipated to develop at the fastest CAGR. Factors such as the roll out of high-speed connectivity options such as 4G and 5G, as well as the increasing penetration of telecommunications services in the automobile industry, are influencing the expansion

of on-board internet services. Companies like BMW, for example, have started to promote integrated sim cards with their vehicles so that calls could be placed without having to connect a phone to the vehicle.

MARKET DYNAMICS

Drivers

Increasing demand of luxury vehicles

Restraint

Increase in vehicle cost

GLOBAL TOP 10 AUTOMOTIVE TECHNOLOGIES:

Key Players

Daimler

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

Delphi Automotive PLC,

Continental AG,

Robert Bosch GmbH,

Agero,

Ford Motor Company,

Airbiquity,

WirelessCar

Other Prominent Players

In 2018 & 2019, the automotive sector struggled with slowing economic activity, growing competition, a recession in BRICs economies, and tightened lending standards, all of which stifled worldwide demand. Then impact of COVID-19 lockdowns in the first part of 2020, which sent auto sales falling to new lows. However, the auto sector is returning at a faster-than-expected rate, thanks in large part to a consumer move favoring mobility and flexibility over public & shared transportation.

GLOBAL TOP 10 AUTOMOTIVE TECHNOLOGIES REPORT ALSO CONTAINS AN ANALYSIS ON:

Top 10 Automotive Technologies Segments:

By Type

Autonomous Vehicles (AVs)

Vehicle Security

Electrification

Shared Mobility

Artificial Intelligence

Big Data & Analytics

Human

Machine Interfaces

Block chain

3D Printing

Internet of Things

By Technology

Remote Diagnostics

On Board Internet Services

Security Systems in Automotive

Vehicle Intelligence Systems

Night Vision

Lane Departure Warning System

Top 10 Automotive Technologies Dynamics

Top 10 Automotive Technologies Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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