

Engineering Services Outsourcing in Automotive Market Set to Reach US\$ 132.20 Billion by 2032 | Astute Analytica

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[/EINPresswire.com/](https://www.einpresswire.com/) -- The global [Engineering Services Outsourcing \(ESO\) Market](#) was valued at US 60.00$ billion in 2023 and is anticipated to witness robust growth, reaching a market valuation of US 132.20$ billion by 2032. This growth trajectory reflects a compound annual growth rate (CAGR) of 10.00% during the forecast period of 2023-2032.

For more information, contact:

<https://www.astuteanalytica.com/request-sample/engineering-services-outsourcing-in-automotive-market>



The expansion of the ESO market in the automotive sector is driven by increasing demand for advanced technologies, such as electric and autonomous vehicles, connected car ecosystems, and sustainability-focused designs. Automotive manufacturers are increasingly collaborating with external engineering service providers to enhance their product development processes, reduce time-to-market, and optimize costs.

Key findings:

Key findings: The ESO market is expected to grow at a CAGR of 10.00% from 2023 to 2032. The market is driven by the increasing demand for advanced technologies, such as electric and autonomous vehicles, connected car ecosystems, and sustainability-focused designs.

The global transition to sustainable mode of transport has resulted into an upsurge in the demand for electric vehicles (EVs) and consequently more engineering skills are needed. In 2023, global EV sales reached 14.2 million units, which is an increase historically. China sold more than 9.05 million units; Europe and the United States engineering services outsourcing in automotive market sold 3 million and 1.2 million units respectively. The increase is attributed to regulatory policies, changes in battery technology, and increase in environmental awareness among the people.

To construct an EV, advanced engineering solutions are necessary to address several issues, including battery management systems, power electronics, and electric drivetrains. Furthermore, 75 kWh of battery capacity was reported on new EVs in 2023, highlighting the need for advanced thermal control and energy efficiency technologies. Over 30,000 fast charging stations were built worldwide and hence integration with vehicle systems was required for best performance. To promote these, vehicle manufacturers have increasingly started to outsource engineering services for automotive companies that have the necessary skill and experience.

For more information, visit <https://www.astuteanalytica.com/industry-report/engineering-services-outsourcing-in-automotive-market>

Key players in the engineering services outsourcing market include:

- North America
- Accenture
- Altair Engineering Inc.
- Cognizant Technology Solutions Corporation
- Frost & Sullivan
- Genpact
- International Business Machines Corporation (IBM)
- TekRevol
- Other Prominent Players
- Europe
- Adecco Group AG (Akkodis)
- ALTEN
- Applus+ IDIADA
- ARRK Product Development Group Ltd
- Arobs
- ASAP Holding GmbH
- AVL List GmbH (AVL)
- Bertrandt AG
- Capgemini Engineering
- Concise Software
- EDAG Group
- ESI Group
- Ester Digital
- HQSoftware
- IAV GmbH
- Intersog
- Kistler Group
- Lemberg Solutions

- Magna Steyr GmbH & Co KG
- Promwad
- SEGULA Technologies Group
- TietoEVRY
- TÜV SÜD
- Other Prominent Players
- Asia Pacific (India)
- Cyient
- HCL Technologies
- Infosys Limited
- KPIT Technologies
- L&T Technology Services (LTTTS)
- Sasken Technologies Limited
- Tata Technologies Limited
- Tech Mahindra
- Wipro Limited
- Other Prominent Players

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- Design and Engineering
- Concept and detailed design
- CAD modeling and drafting
- Design optimization
- Ergonomics and aesthetics
- Prototyping
- Rapid prototyping
- 3D printing
- Virtual prototyping
- Functional and aesthetic prototypes
- Manufacturing Engineering
- Process planning and optimization
- Tooling and fixture design
- Assembly line design
- Quality control and assurance
- Software Development
- Embedded software development
- Automotive application development
- ADAS (Advanced Driver Assistance Systems) software
- Infotainment system software
- Testing and Validation

- Component and system testing
- Durability and reliability testing
- NVH (Noise, Vibration, and Harshness) testing
- Crash and safety testing
- System Integration
- Integration of mechanical, electrical, and software systems
- Vehicle system architecture design
- Integration of new technologies (e.g., electric and autonomous vehicles)
- Consulting Services
- Market analysis and strategy consulting
- Regulatory compliance consulting
- Sustainability and environmental impact consulting

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- On-Site
- Onshore
- Offshore

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- Staff Augmentation (FTE based)
- Time and Material
- Fixed Price Projects
- Services
- Risk/Rewards

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- Powertrain Components
- Engines
- Transmission
- Exhaust Systems
- Others
- Chassis and Suspension Systems
- Suspension Components
- Steering Systems
- Brakes
- Others
- Body and Exterior Components
- Body Panels
- Lights
- Aerodynamics

- Others
- Electronics and Connectivity
- Infotainment Systems
- ADAS Systems
- Vehicle Connectivity
- Others
- Other Applications

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- Commercial Vehicle
- Off-Highway Vehicle
- Passenger Vehicle

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- Internal Combustion Engine
- Electric Engine

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- Original Equipment Manufacturers (OEMs)
- Tier 1 Suppliers
- Aftermarket Service Providers

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Aamir Beg

Astute Analytica

+1 888-429-6757

[email us here](#)

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[X](#)

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