

Electric Powertrain

Leverage breakthrough technologies to meet customer needs of Electric Powertrain ecosystem

Introduction

Wipro's Electrification solutions offer a combination of AUTOSAR software, advanced hardware design and system integration to create efficient, robust and future ready electrification solutions. Our advanced simulation solutions, cutting edge software control strategies, strategic partnership with technology vendors and indisputable global experience allow us do what is best for you: firmly design your Electric Powertrain ecosystem solution to meet future needs.

Our EngineeringNXT framework creates products, platforms and technologies at scale to address the need of Electric Powertrain ecosystem to make the electrification journey successful for our customers.

We deliver tangible value through effective customization, faster time to market by leveraging new-age products and platforms in the Electric Powertrain ecosystem.

Key takeaways



Digital solutions with cutting technologies such as AI and ML to enhance Electric Powertrain performance



Highly efficient scalable hardware solutions to provide efficient torque response



Advanced software control logic for safe and reliable electric motor control solutions



Digital twin for robust product design and development solutions

Key Benefits



Cutting edge simulation solutions to achieve maximum electric powertrain efficiency



Enhanced safety and security solutions



Optimizes the energy consumption of the battery



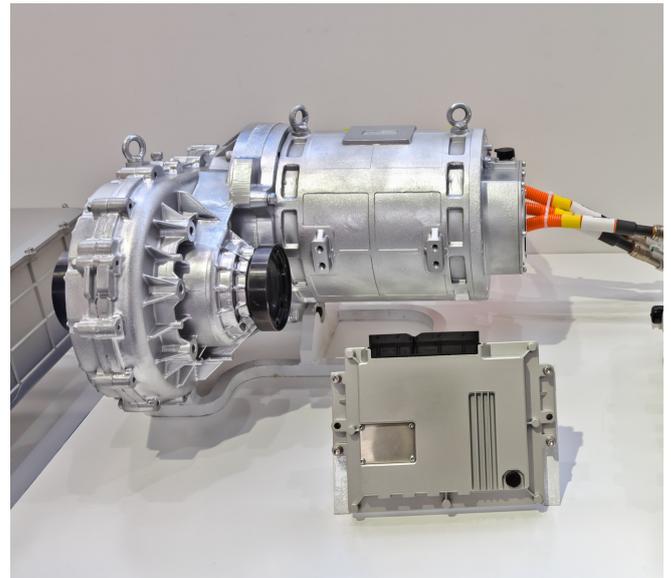
Prognosis to predict failures



Complete end-to-end solutions covering software, hardware, mechanical, connectivity, and validation solutions to accelerate the time to market

Features

- Customized design for faster time to market
- IoT for new age connectivity solutions
- AUTOSAR based software design
- Highly reliable hardware design
- System integration solutions
- Cyber security and functional safety (ISO26262) compliant



Wipro's extensive expertise in embedded software and cloud engineering clubbed with hardware, mechanical engineering, validation, verification, and compliance testing help us to accelerate this journey for our customers.

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strong commitment to sustainability and good corporate citizenship, we have over 180,000 dedicated employees serving clients across six continents. Together, we discover ideas and connect the dots to build a better and a bold new future.

For more information, please write to us at info@wipro.com