

Transportation Engineering Service

Description

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Transportation segment and automotive in specific is undergoing technological advancements working on the requirements of connected vehicle, comfort, passenger safety, user experience, e-mobility, eco friendly systems. Inline with digital transformation in mobility, our transportation engineering services enable OEMs, Tier1, Tier2s to develop innovative next generation vehicles with digital technologies to achieve faster time to market.

ATMECS Global provides engineering services and solutions for all phases of the transportation and automotive product engineering cycle encompassing vehicle design conceptualization, advanced drive assisted, connected & autonomous vehicle systems to OEMs, Tier-1, and Tier-2 manufacturers

ATMECS's Approach towards Transportation Engineering Service

ATMECS Global is an innovative, technology driven engineering solutions accelerator for the global industry sectors including the ever changing landscape of Automotive and Transportation. Our Automotive and Transportation SMEs and technology teams are equipped to help our clients gain competitive advantage by optimizing their technologies for key strategic imperatives and enable them to enhance the Automotive system development. ATMECS is well positioned as a strategic technology services partner for transportation engineering including automotive, commercial vehicles, off road vehicles and other modes of transportation..

Our approach is focused on providing agility and enhancing engineering design and development to our clients by leveraging the strengths of ATMECS Global as strategic technology partners to various conglomerates across the globe. Our deep domain expertise falls in line with the central pillars of

automotive and transportation engineering:

- Advanced vehicle driver assisted safety and control systems
- Digital transformation in mobility
- Vehicle engineering and dynamics
- Electrical vehicle systems development

Our Transportation engineering Services

With SMEs having cross functional combined experience of over three decades, ATMECS understands the challenges, complexities and requirements of automotive and transportation engineering and operational needs. ATMECS can support vehicle engineering, In-vehicle infotainment, connected car, advanced driver assisted and autonomous systems, electrical & electronics, electrical vehicle and a host of solutions on key focus areas of Transportation Engineering

Automotive Software Applications
Automotive Embedded Systems
Automotive Electrical & Electronics
Vehicle Product Engineering
Vehicle Design Verification & Validation
Automotive Software Applications

We provide software development services for vehicle systems

- Digital Cockpit
- Connected Vehicle
- Safety Systems
- ADAS & Autonomous
- Body Control Systems
- Powertrain

Automotive Embedded Systems

We enhance vehicle control , safety and diagnostics through embedded systems solutions

- Software, Hardware, Firmware
- ECU & AUTOSAR
- Vehicle Diagnostics
- Vehicle Networks
- OS Drivers & Protocols

Automotive Electrical & Electronics

We support vehicle electrical and electronics system development

- Electrical Wiring Harness
- EV, Battery Management System
- Electro Mechanical systems, MEMS

- Power Electronics

Vehicle Product Engineering

We support vehicle body, systems and sub- systems product engineering

- Industrial Design & Styling
- Engineering Design & CAD
- Design Verification & CAE, CFD Simulations
- Prototype Development

Vehicle Design Verification & Validation

We supports vehicle functional, safety and comfort system product design verification

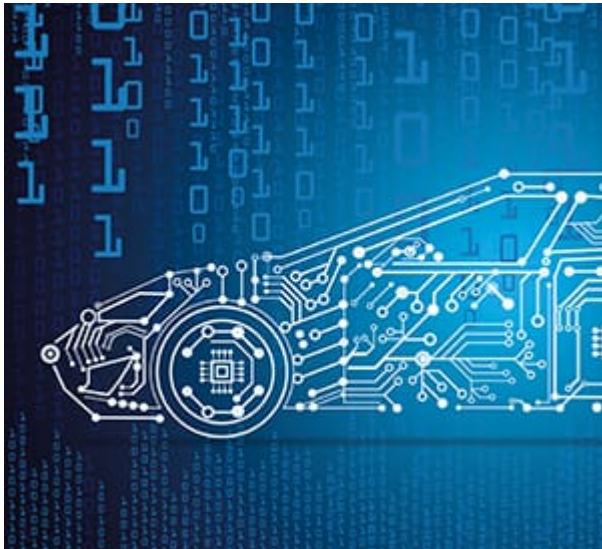
- Software Applications and Embedded system Testing
- Safety & Regulatory testing
- Diagnostics Report

Our Work

Our subject matter experts have the experience, industry knowledge, technical skill, partner relationships, methodologies, global reach and passion to support our clients' success and make their business vision a reality.



Automotive Software Application



Automotive Embedded Systems



Vehicle Product Engineering



Vehicle Design Verification & Validation

Our Team of Experts

Our subject matter experts are seasoned industry professionals who can provide thought leadership and strategic or tactical support on your next digital transformation initiatives.



JEETENDRA (JEETU) CHAVATE

VICE PRESIDENT - SALES

Bio

Sai S Sampath Kumar

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Sai has about 20 years of experience across multiple industries and geographies with functional expertise in Business Analytics, Product Management, Business Strategy and Organizational Leadership. At ATMECS, he plays at the convergence of Sports Business, Digital Technologies and Next Generation Analytics.

Prior to joining ATMECS, he held influential analytics and product management roles with companies like Progressive Insurance, Farmers Insurance in the US, has been a second generation small business owner in manufacturing and has worked with top sports organizations in India as an entrepreneur. Sai holds an MBA degree in General Management from Cornell University, an MS in Applied Statistics from Bowling Green State University, USA. He is also a certified Lean Six Sigma Black Belt.

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Bio

Venkatesa Viswanathan

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A three-decade long career has seen Vishy deliver complex projects spanning the various facets of the IT Industry â?? Product Engineering, Software Services, Infrastructure, Business Operations, and Customer Support. His expertise lies in managing large accounts, providing governance leadership, and increasing productivity.

An excellent communicator, a people-oriented leader with a penchant for technology enablement, Vishy believes People, Delivery, Innovation are the cornerstones for fruitful customer engagements.

Prior to joining ATMECS, Vishy has worked with Kony Labs, Ness Technologies, AINS Inc., and ITC Limited. His key achievements include setting up the India Enterprise Centres for Franklin Templeton and Invesco.

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Bio

Sanjay Singh

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With experience in large organizations and applying those learnings to start-ups and more importantly unlearning is what Sanjay loves to do. A career spanning about 25 years, he has built passionate technical teams at Microsoft, NorthgateArinso, Rofous, and is replicating the success at ATMECS.

Sanjay works with an objective to uncover the potential of software engineers and empower them to reach greater heights in the field of software creation and personal growth. Relentless optimism is what he believes in.

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Are you interested in what we do? Reach out to the passionate minds!

With vibrant, energetic, agile, nimble teams, we are constantly looking to solve complex problems. Contact us to know more!

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Author

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