

INFOSYS
NEXT-GEN
MOBILITY

DRIVING THE
FUTURE OF
SOFTWARE-
DEFINED
MOBILITY



Infosys®
Navigate your next

Our Vision

Mobility is becoming intelligent, software-defined, and seamlessly connected. Infosys Next-Gen Mobility (NGM) helps OEMs, Tier-1 suppliers, and mobility providers lead this shift with deep engineering, digital innovation, and global delivery excellence.

We bring the Infosys touch, trust, scale, sustainability, and a partner-first ecosystem, to accelerate your SDV and eMobility journey while ensuring uncompromising safety and security.



OUR COMPREHENSIVE OFFERINGS AND STRATEGIC EXPANSION

At Infosys, we are redefining the mobility landscape through a holistic suite of services and solutions that span the entire automotive value chain. Our Next-Gen Mobility offerings are designed to empower

OEMs, Tier 1 suppliers, and industry innovators with cutting-edge capabilities across **7 key pillars**:



Telematics & Infotainment

Connected vehicle platforms, advanced infotainment systems, and seamless integration of smart features to enhance user experience and operational efficiency.



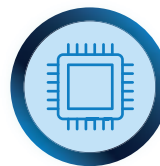
Automotive Quality Engineering

Advanced validation frameworks, functional safety engineering, and AI-driven test orchestration to meet global standards like ASPICE and ISO 26262.



Software-Defined Vehicles (SDV)

Software-centric architectures, virtual validation environments, and OTA update capabilities to accelerate automotive software development and ensure agility and security.



Auto Electronics

Turnkey product development, hardware/software engineering, and compliance with safety standards. Expertise in AUTOSAR, Functional Safety, and Model-Based Development ensures precision and reliability.



Electric Vehicles (EV)

End-to-end EV solutions including charging infrastructure, fleet electrification, and energy-as-a-service platforms to optimize costs and improve sustainability.



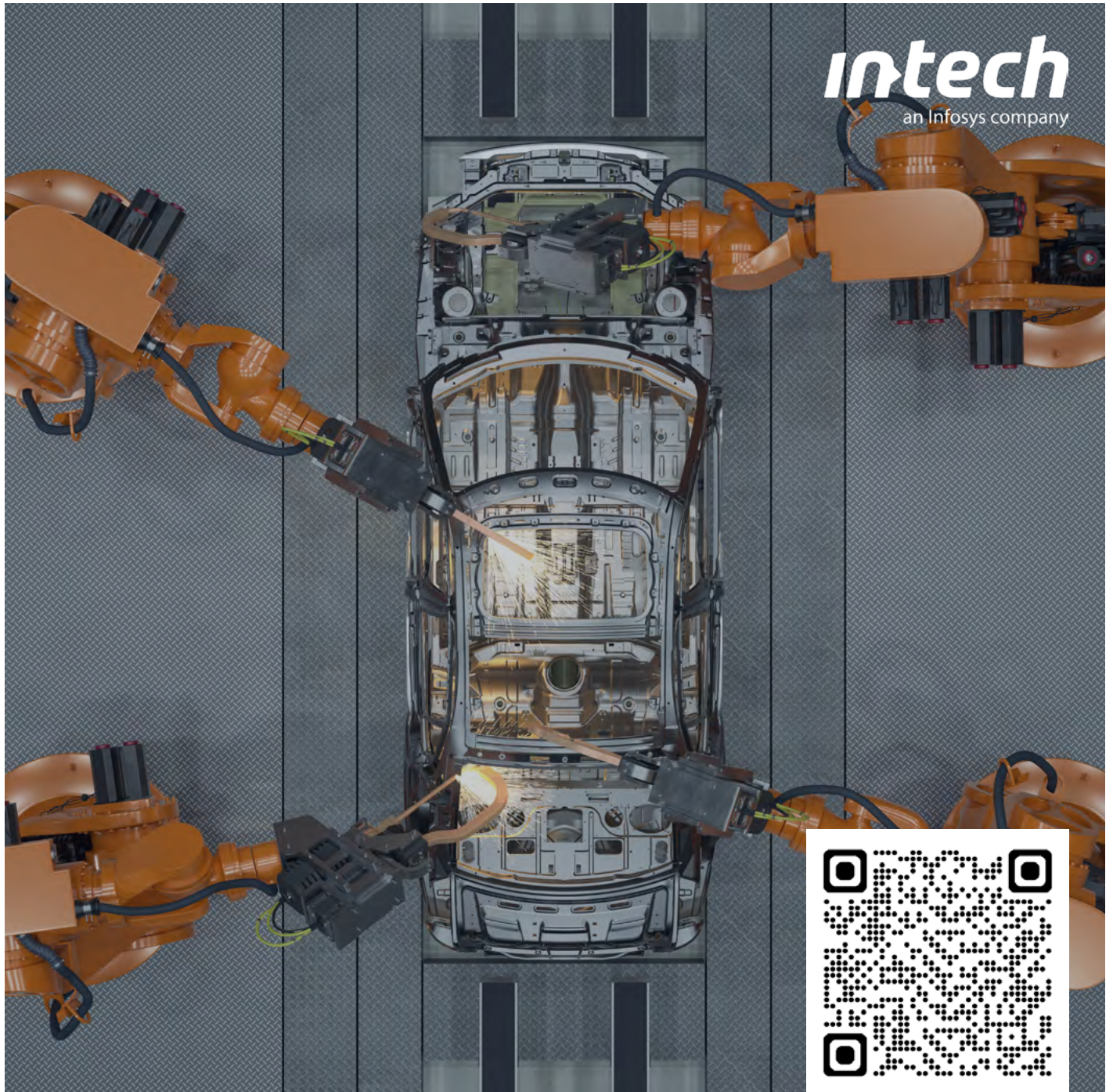
Fleet Management

Solutions for vehicle tracking, dynamic route optimization, predictive maintenance, and autonomous fleet operations. Integrated IoT and AI capabilities drive productivity and safety.



Platform Engineering

Cloud-native, modular platforms that connect vehicles, customers, and ecosystems. Expertise in IoT, AI, and microservices architecture enables real-time insights and predictive analytics.



Infosys + in-tech: Powering the Future of Mobility

Infosys strengthens its engineering edge with the strategic acquisition of in-tech, a global leader in automotive and smart industry solutions. This partnership brings together 2,300 skilled professionals, more than 20+ project locations, and 37,000 m² of laboratory and office space across 8 countries, creating a powerhouse of innovation and capability.

With expertise in construction, certification, and operation of advanced laboratory spaces, all certified according to Automotive

TISAX, in-tech offers fully equipped facilities for hardware and software updates, dynamic and static test benches, EV charging infrastructure, and seamless customer IT integration.

This acquisition enables Infosys to deliver end-to-end solutions for digitalization in mobility and industry, expanding our footprint across Europe, China, North America and Asia Pacific. Together, we are redefining automotive engineering through cutting-edge validation, smart industry solutions, and digital innovation, driving the next generation of mobility forward.

Automotive Engineering Aligned to the V-Model

Our offerings span the entire V-Model of development. Starting with Specification, we define stakeholder needs, system and interface requirements, and software specifications. In Functional Safety Engineering, we create safety concepts, perform hazard and risk analyses, and prepare safety cases.

Under Architecture & Design, we deliver SDV architecture, system design, and model-based systems engineering.

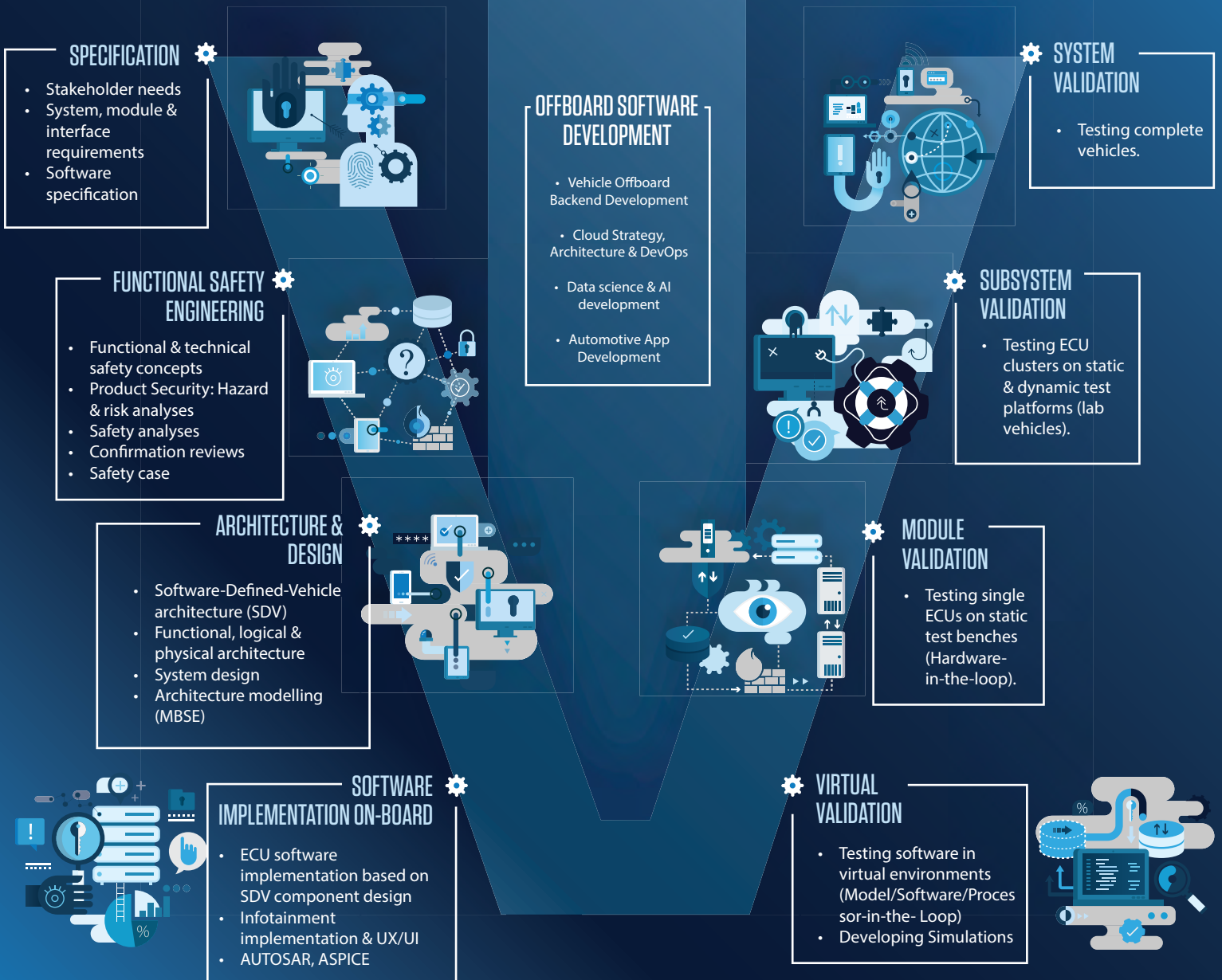
For Software Implementation, we handle ECU software

development, infotainment integration, and compliance with AUTOSAR and ASPICE.

Validation includes Virtual Testing (Model-, Software-, Processor-in-the-Loop), Module and Subsystem Validation on test benches and lab vehicles, and System Validation for complete vehicles.

We also provide Offboard Development for backend systems, cloud strategy, DevOps, AI, and automotive apps—ensuring robust solutions across the lifecycle.

AUTOMOTIVE ENGINEERING OFFERINGS MAPPED TO V MODEL OF DEVELOPMENT



KEY DIFFERENTIATORS



Added **80+** transformation partners to our ecosystem in the last 24 months



Collaborating with engineering OEMs, Tier 1 & 2 suppliers, niche players across industries



Partnerships with hyperscalers, CAX tool vendors, software product vendors, startups, and innovation ecosystems



Engagement with industry bodies like SAE, IEEE, ISA, R&D organizations, and universities



Recognized with multiple awards from automotive partners such as ServiceNow, Microsoft, and AWS



Acting as an ecosystem orchestrator to deliver integrated solutions



End-to-End Automobile Engineering and Manufacturing Capability Infosys delivers complete solutions across the automotive lifecycle, from market research and design to development, manufacturing, and aftermarket support.



Compelling Industry Solutions We offer innovative solutions like Connected Operations on Cloud, AR/VR Framework, Autonomous Tow Truck, Guided Diagnostics, and Engineering Data Accelerators to reduce costs and improve quality.



Rejuvenating the Core with Digital & Next-Gen Infosys integrates advanced technologies such as Robotics, Autonomous Systems, Metaverse, Digital Engineering, Human-Centric Design, and 5G to transform automotive experiences.

SUCCESS STORIES



Problem Statement: A Japanese OEM needed to revamp its in-house telematics services and multimedia systems for a seamless user experience and advanced infotainment features.

Solution Approach: *Infosys implemented a cloud-native connected car platform with OTA updates, NLP, and remote diagnostics, delivering a personalized, driver-centric experience*



Problem Statement: A large REIT client aimed to lead in sustainable logistics by offering EV charging as a service without heavy capex.

Solution Approach: *Infosys delivered an end-to-end energy service solution with hassle-free EV charging, 24x7 O&M support, and optimized energy costs.*



Problem Statement: A German OEM required comprehensive E/E system integration and validation to reduce complexity and improve performance.

Solution Approach: *Infosys implemented LabCar setups, communication requirement monitoring, and fault memory analysis, ensuring transparency and flexibility.*



Problem Statement: A North American school bus fleet provider needed a new telematics platform for 45,000 buses without business disruption.

Solution Approach: *Infosys built a custom AWS-based platform with real-time monitoring, optimized routing, and automated driver training workflows, improving safety and reducing costs.*



Problem Statement: A European EV manufacturer required an automated SDV toolchain to improve developer experience and reduce deployment time.

Solution Approach: *Infosys designed and operated a fully automated toolchain across infotainment and platform domains, reducing build turnaround and enhancing performance.*



Problem Statement: A global automotive OEM needed a scalable platform for OTA updates and real-time upgrade tracking.

Solution Approach: *Infosys developed a Service Delivery Platform integrating Redbend SWM for FOTA services, improving dealer experience and operational visibility.*



Problem Statement: A global electronics supplier needed AUTOSAR-compliant Basic Software for collision avoidance systems.

Solution Approach: *Infosys developed ASIL B AUTOSAR 4.0.3 BSW, integrated diagnostics, and SWCs for radar and camera systems, ensuring compliance and reliability.*



For more information, contact askus@infosys.com



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