Our driving force is the automobile – our task is the development of future-oriented technologies. As a development partner to the automotive industry, the ASAP Group offers comprehensive services with a focus on the mobility of the future. As an independent subsidiary of the global player HCLTech, we combine stability with an innovative mindset. We are future-oriented and always have the latest technologies firmly in mind.

Benefit from our development expertise in the areas of electromobility, autonomous driving and connectivity. With our five service segments – Electrics/Electronics, Software, Consulting & Service, Test & Validation, Vehicle Engineering – our strategic development focus is on the future-oriented technologies of the automotive industry.

get in touch

Any questions or projects that you would like to discuss? We'd love to share ideas and explore synergies with you.

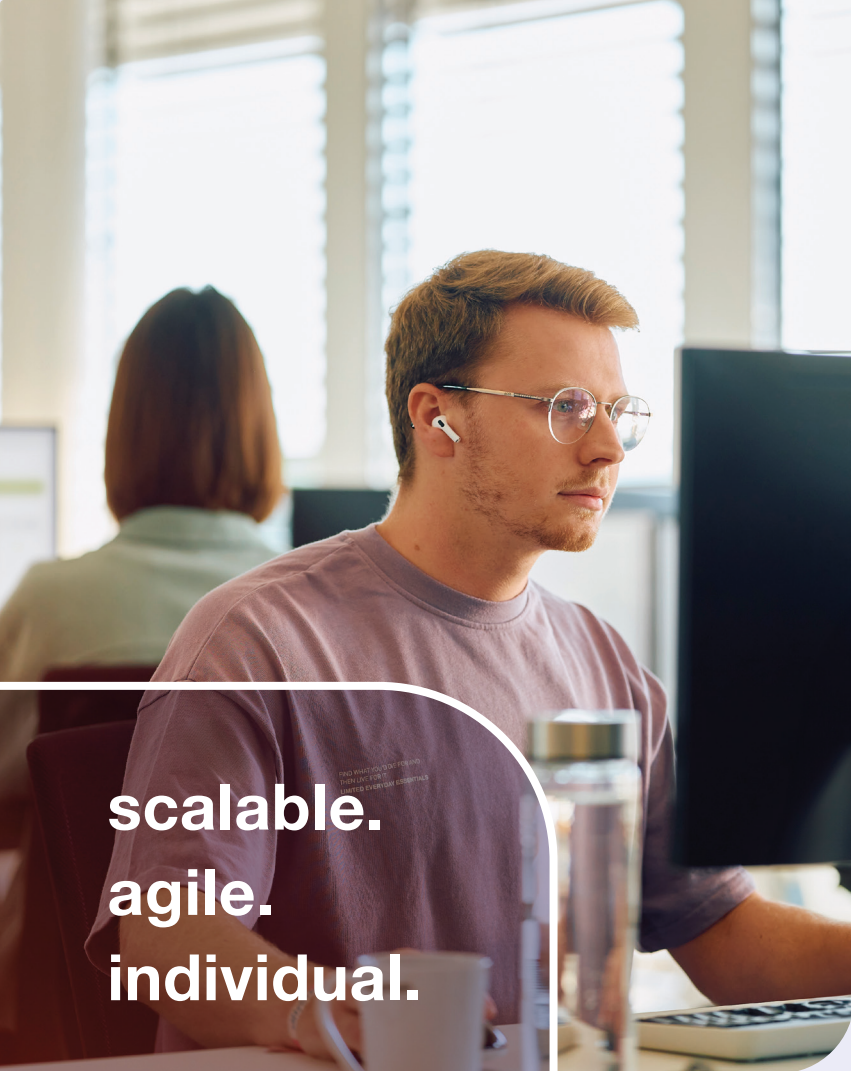asap.de

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ASAP
Part of **HCLTech**

Software

scalable.
agile.
individual.

Autonomous driving, connectivity, e-mobility and shared mobility: the trends in the automotive industry are based on innovative software technologies.The key to success? Customised solutions, that are specially tailored to the requirements of the software defined vehicle. We develop and industrialise control unit software and ensure with our process, method and tool development for scalable and automated state-of-the-art infrastructures. In this process, we combine agile development methods with many years of automotive and IT expertise.

Services Software

Control unit software & functional development

- Comprehensive development and validation of control unit software according to automotive standards and norms (A-Spice, ISO 26262)
- Model-based and code-centered development of software components for application layers
- Embedded software development and configuration of basic software (RTOS, Autosar)
- Development of system, function and software architectures (Model Based System Engineering)

Tool development & IT services

- Analysis, development & optimizations for process automation
- Development, configuration & customizing of methods, tools, frameworks & development toolchains
- Development, customization & configuration of application lifecycle management systems (PTC Codebeamer, Siemens Polarion, Microsoft Azure DevOps, Atlassian Toolchain)
- Full-stack: development, maintenance and operation of in-house solutions (products, license management)

Virtual validation & continuous integration

- Development of co-simulation platforms for model-in-the-loop (MIL), software-in-the-loop (SIL) and virtual ECUs (vECU)
- Development & automation of SIL test benches
- Development of virtual ECUs (vECU)
- Development of virtual integration platforms to validate functions using environment simulation
- Design and implementation of DevOps, continuous integration, testing and deployment (CI / CT / CD)

pak

PAK, our Process Automation Kit, steps in where other solutions end: at the developers' level. It provides a flexible framework, slotting seamlessly into any environment to model and automate work processes. Our customers benefit from time and cost savings along with enhanced productivity. PAK effectively supplements established DevOps methods, supports process optimisation and features an impressively user-friendly design. Built on over a decade's experience in the development of processes, methods and tools, PAK delivers advanced automation solutions.