Press Release

ASAP Group presents GenAI platform for development and validation at CAR IT Symposium

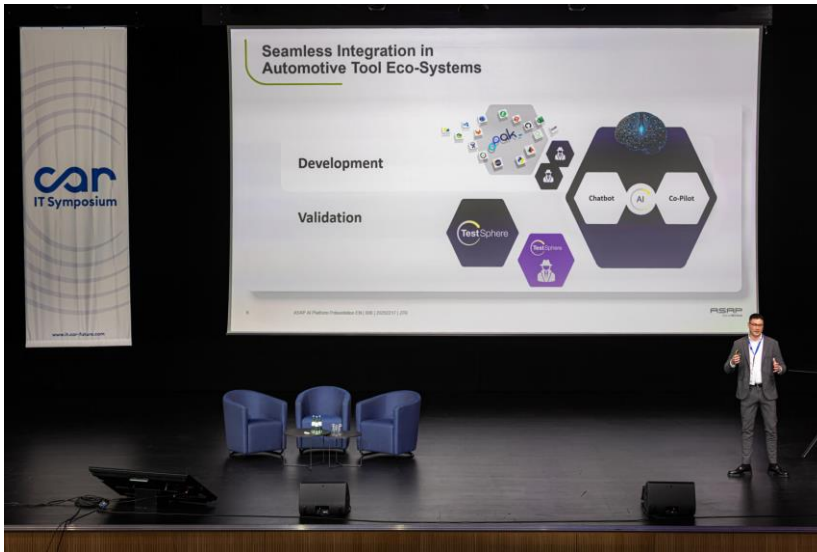*AI solution accelerates and simplifies development of complex ADAS / AD functions*

(Ingolstadt, March 10, 2025). The ASAP Group presented its pioneering GenAI solution for automotive engineering at the renowned CAR IT Symposium on trends and developments in future-oriented mobility from March 5 to 6, 2025 in Ingolstadt, Germany. Under the motto "Accelerating automotive software development and validation with AI", ASAP experts Jonas Tratz and Julian Reindl explained how generative AI and modern LLM approaches are revolutionizing development and validation in the automotive industry by making the entire process more efficient and safer.

In his presentation, Jonas Tratz, an expert in generative AI, provided insights into innovative AI-supported methods used by the ASAP Group – from automated requirements analysis and test case creation to code and documentation review and cross-project analyses. The head of ASAP's Data Science & AI department, Julian Reindl, spoke in his panel discussion about the potential and challenges of generative AI in vehicles. "Time-consuming and monotonous tasks are being intelligently automated. The high standards for AI code quality and information security must be met in order to offer users the desired added value. Software developers can then concentrate on the creative tasks in their projects," says Julian Reindl from ASAP.

The GenAI solution developed by ASAP was trained with ASAP's specific know-how and customized for automotive projects. It can be seamlessly integrated into various tool ecosystems thanks to its own interface. The AI platform can also be operated intuitively via a co-pilot, which can be integrated into development environments as a smart assistant, or via a classic web interface. The RAG pipeline also allows users to learn specific project knowledge themselves via the AI agents.

"The use of GenAI for efficient software development was a high priority at the CAR IT Symposium in Ingolstadt. We are delighted that there was so much interest in our AI solution. We are already using our solution in several customer projects, for example in the creation and validation of software functions in the context of ADAS / AD. In addition to automation and validation solutions, our GenAI platform is another essential building block for our customer projects and is continuously being further developed by our experts," says Jürgen Meyer, Director Division Software at the ASAP Group.

Image material:

Caption: ASAP at the CAR IT Symposium in Ingolstadt

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The ASAP Group

The ASAP Group was founded on January 1, 2010 with a clear focus on future automotive technologies. Today, the development partner to the automotive industry can look back on almost unparalleled growth in automotive engineering: as of January 2025, the Group employed 1,600 people. The ASAP Group, a subsidiary of HCLTech, offers comprehensive development services with a focus on megatrends such as e-mobility, autonomous driving and connectivity. With its five service segments – Electrics/Electronics, Software, Consulting & Service, Test & Validation and Vehicle Engineering – ASAP's strategic development focus is on future-oriented fields of technology.