Infineon and Apex.AI are integrating AURIX™ TC3x microcontroller and Apex.Grace to expedite software-defined vehicle development.

Munich, Germany and Palo Alto, California – March 16, 2023 – Infineon Technologies AG (FSE: IFX / OTCQX: IFNNY) and Apex.AI, a company developing safety-certified software for mobility and autonomous applications, today announced to co-develop a platform that significantly expedites software development for automotive customers. The companies have integrated Apex.AI's software development kit and Infineon's AURIX™ TC3X microcontroller to enable faster integration of safety-critical automotive functions into future vehicles.

"The AURIX TC3x is widespread across automotive applications and well known for its reliability, scalable performance and broad customer base," said Thomas Schneid, Senior Director Software, Partnership & Ecosystem Management from Infineon. "Together with Apex.AI we are now speeding up software development and implementation of microcontrollers to make software-defined vehicles possible. New applications in the car demand new SW Ecosystem components which complement and enhance our existing SW environments"

"The mobility industry is challenged by moving from hardware-centric products to software-defined vehicles. The integration of the Infineon AURIX TC3x microcontroller family, the leading embedded automotive safety controller, with Apex.Grace™ will significantly accelerate development times and lower deployment costs," said Dr. Jan Becker, Co-founder and CEO of Apex.AI.

Infineon's AURIX TC3x is one of the major embedded safety controllers worldwide to obtain ASIL D certification according to the 2018 ISO 26262 standard. ASIL D is the highest level of

automotive functional safety. Leading computing platforms for automated driving rely on the microcontroller as their safety host controller as it provides the safety and performance necessary to make automated driving happen. Apex.Grace, formerly known as Apex.OS, is the first complete SDK for software-defined vehicles (SDV) certified to ISO 262626 ASIL D.

Apex.Grace is the go-to choice for efficiently developing application software for software-defined vehicles. Apex.Ida, previously known as Apex.Middleware, provides a complete and integrated solution for intra- and inter-electronic control unit (ECU) communication and communication to the cloud. The two companies demonstrate that the development and integration of embedded safety-critical automotive applications can be significantly accelerated.

Apex.Grace is based on the open-source robot operating system (ROS). While ROS is the industry's de facto development standard for prototyping for robotics and mobility applications, it does not meet safety and reliability requirements for automotive systems and other safety-critical applications, creating a hurdle for manufacturers. Apex.Grace enables the rapid and efficient transition from ROS-based prototypes to production-ready vehicles and is certified by TUV Nord to ASIL D, the highest level of automotive functional safety.

More information

Infineon and Apex.AI will demonstrate the capabilities of the platform at Apex.AI's booth (Hall 4, Booth 4-203) at Embedded World 2023 in Nuremberg, Germany, March 14-16, 2023. The companies will showcase the ease of deploying seat belt status notifications across multiple seats in a vehicle. The demo will show how the signals are processed through a vehicle's system, ultimately showcasing how a seatbelt warning is calculated and delivered to the driver. It will illustrate how the development and integration of embedded automotive applications can be significantly accelerated.

About Apex.AI

Apex.AI is a global company that develops secure, certified, developer-friendly, and scalable software for software-defined vehicles and mobility systems. The company's flagship product is Apex.Grace, an automotive-grade, real-time, reliable software development kit. Apex.AI provides automakers, truck manufacturers and suppliers with a software development kit, which helps automotive customers to transition from hardware-centric products to modern software-centric vehicles and develop software faster at a lower cost and with smaller effort. More information about Apex.AI is available at www.apex.ai. To get in touch, please email media@apex.ai.

Infineon at Embedded World

Embedded World will take place from 14 to 16 March, 2023 in Nuremberg, Germany. Infineon will present its products and solutions for decarbonization and digitalization in hall 4A, booth #138 and virtually. Company representatives will also hold several TechTalks as well as presentations at the accompanying Embedded World Conference, followed by discussions with the speakers. If you are interested in interviewing an expert at the show, please email media.relations@infineon.com, industry analyst, email: MarketResearch.Relations@infineon.com. Information about the Embedded World show highlights is available at www.infineon.com/embeddedworld.