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Press Release

All mobility cloud services for the software-defined vehicle under one umbrella

Data analytics newcomers make their debut on the cloud-based service integration platform PANTARIS

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- ETAS launches Data Insights in PANTARIS, providing extensive data management, processing, visualization, and analytics capabilities
 - Comprehensive in-vehicle software and cloud service life-cycle management for software-defined vehicles empowered by PANTARIS

Munich, Germany, September 4, 2023 – With the launch of Data Insights in the PANTARIS ecosystem, ETAS expands its comprehensive service portfolio with extensive data management, processing, visualization, and analytics capabilities that enable and accelerate data-driven business in the mobility domain.

PANTARIS is a certified, secure, and cloud-based service integration platform launched in early 2023. Its portfolio consists of PANTARIS Connect, PANTARIS Creator, and PANTARIS Workspace, which enable the complete software and service life-cycle management for software-defined vehicles and related mobility business. As an all-in-one cloud-agnostic solution, PANTARIS is the ready-to-use multitool for developing cloud services for the next generation of software-defined vehicles.

The recently released service Data Insights can be easily accessed via PANTARIS Workspace. “We are happy to launch Data Insights as part of our platform because we now cover the complete development and operations life cycle by feeding insights from vehicle data from the field back into development,” says Andre Riesel, Solution Field Portfolio Manager. “It unifies the development, operation, and scaling of mobility services based on mobility data to allow OEMs and Tier1s to focus their resources on creating differentiating features.”

PANTARIS Creator: reduces time to market through managed services and process automation

With regard to the challenges of becoming faster in rolling out software updates in increasingly short development cycles while being compliant with the highest safety standards, PANTARIS enables OEMs to bring services to their customers in the shortest possible time. This is achieved with the right selection, integration, and composition of state-of-the-art technologies, standardization, defined interfaces, preexisting components, and APIs, all of which are easy to use and support the latest automotive standards. As a result, manual efforts in rolling out services and releasing them publicly are reduced and respective crucial processes are automated.

PANTARIS Connect: updates single devices, vehicles, or whole fleets over the entire life cycle

PANTARIS Connect is a strong and ready-to-use mobility service portfolio for vehicle data and life-cycle management. PANTARIS Connect consists of over-the-air (OTA) services that allow a bidirectional exchange of data between the OEM and vehicles on the road. Software vulnerability updates and functionality upgrades can then be applied directly to the car. Diagnostic and telemetry data can also be used to further strengthen new and existing software offerings, time-to-market can be expedited, consumer disruption minimized, and new market opportunities developed.

PANTARIS Workspace: an ecosystem for collaboration, integration, and distribution of software services

PANTARIS Workspace is a connected ecosystem for service users, developers, and providers to create and distribute mobility software and services as well as utilize the most innovative mobility software development services for cloud services. The platform is manufacturer-independent, globally distributed, and based on cloud-agnostic standards.

PANTARIS – the platform for advancing the software-defined vehicle market

With PANTARIS, ETAS combines standardized and secure transmission of vehicle data that can be flexibly processed in a developer portal. ETAS services and services from other vendors are available on a manufacturer-independent marketplace. Thus, PANTARIS is an integrated, cloud-based platform that enables various use-cases for the upcoming software-defined vehicle. ETAS facilitates the deployment of vehicle services and connects providers of these applications with users such as vehicle manufacturers or fleet operators. With its directly accessible OTA and data services, ETAS also provides a broad portfolio for the development and operation of vehicle services. In addition to bidirectional data transmission between vehicle and cloud, users also have direct access to tools for data analysis, integration, visualization, and for the ongoing enhancement of vehicle software and functionality, meaning that such improvements can be released over the entire vehicle life cycle. Furthermore, secure and scalable services allow a streamlining of the development or creation and distribution of the user's own pioneering solution.

PANTARIS combines collaboration and innovation to develop software-defined vehicles in a sustainable way.

Visit us from September 5-8, 2023, at the IAA Mobility in Munich, exhibition hall B 3, and at the IAA conference.

Further information about PANTARIS and Data Insights can be found here.

PANTARIS: www.etas.com/pantaris

PANTARIS Platform: marketplace.pantaris.io

Data Insights: <https://etas-data-insights.com/ui/home>

About ETAS

Founded in 1994, ETAS GmbH is a wholly owned subsidiary of Robert Bosch GmbH, represented in twelve countries in Europe, North and South America, and Asia. ETAS' portfolio includes vehicle basic software, middleware, development tools, cloud-based operations services, cybersecurity solutions, and end-to-end engineering and consulting services for the realization of software-defined vehicles. Our product solutions and services enable vehicle manufacturers and suppliers to develop, operate, and secure differentiating vehicle software with increased efficiency.

Further information available at <http://www.etas.com>