AWARDED AGAIN: APEX.AI WINS ABC AWARD

July 12, 2022

Apex**.AI**

The German Design Council has named Apex.Middleware—the high-performance data transport software for mobility, smart machines, and IoT—a Best of Best ABC Award winner in the Mobility & Innovation category for 2022. The innovation of Apex.Middleware lies in its real-time data transmission with zero-copy communication.

The software, which was developed as an optimized integration of Eclipse iceoryx™, is designed to be used with a wide variety of development frameworks for mobility, smart machines, and IoT without complications.

PALO ALTO, CA— July 12, 2022, Apex.AI, a company developing safety-certified software for mobility and autonomous applications, today announced that the German Design Council has named Apex.Middleware a Best of Best ABC Award winner in the Mobility & Innovation category.

Apex.AI provides customers with innovative frameworks, including Apex.Middleware, for rapid software development that works seamlessly across all development phases. Apex.Middleware provides efficient processing of large data volumes and meets the stringent data transport requirements of driver assistance and automated driving applications.
The high-performance data transport software serves all applications from powertrain to ADAS (Advanced Driver Assistance System) and automated driving.

"Our high-performance data transport software is undoubtedly one of the most important innovations because it can be used in a variety of ways while having a turbo-like effect on customer applications," said Jan Becker, CEO and Co-Founder, Apex.AI. "Apex.Middleware ensures optimal in-vehicle and out-of-vehicle communication. The zero-copy implementation ensures high-performance data transport with low latency, and the integration of zero-copy, DDS, and SOME/IP in one product creates a unified API and thus bridges to existing communication protocols. This means that Apex.Middleware can be used universally."

Apex.Middleware is based on the integration of Eclipse Cyclone DDS™ and Eclipse iceoryx™, both of which are open source and are currently used in a wide variety of mobility design frameworks, including commercial vehicle development. The software is easy to integrate into customer-specific frameworks and supports the most important protocols for automotive Ethernet with DDS and Some/IP.

The mobility industry is changing rapidly with software defined applications. As a result, there are enormous amounts of data generated by the various vehicle sensors that the onboard software must process. Apex.AI has developed a safe and secure software solution that provides fast and stable communication with the lowest latency to enhance communication between all vehicle control units. In doing so, customers can quickly develop innovative designs that will shape the future of mobility.

With its leading Mobility Award, the German Design Council honors forward-thinking and future-oriented designs. The jury of experts awards prizes to projects that catapult the world of mobility into the future. According to the jury, Apex.Middleware, the real-time data transmission software with zero-copy communication, is one of them.

About Apex.AI

Apex.AI is a global company headquartered in Palo Alto, CA developing breakthrough safe, certified, developer-friendly, and scalable software for mobility systems. The company's flagship product is Apex.OS, a robust and reliable meta-operating system that enables faster and easier software development for vehicles and safer autonomous driving solutions. Their software development kit targets two main customer groups, the OEM developers who need to implement complex AI software integrated with the entire vehicle, and the autonomous driving developers who can now implement safety-critical applications with ease and reliability. ROS2 and Apex.OS can multiplex multiple independent tasks (called nodes) onto a smaller set of executor threads, thereby reducing context switching overhead. In addition, Apex.OS allows developers to run entire chains and graphs in a predefined order, which reduces interaction with the middleware and ensures that the nodes run in a predictable order. To access the Apex.AI media kit please visit https://www.apex.ai/media-kit.

About AGCO

AGCO (NYSE:AGCO) is a global leader in the design, manufacture and distribution of agricultural machinery and precision ag technology. AGCO delivers customer value through its differentiated brand portfolio including core brands like Challenger®, Fendt®, GSI®, Massey Ferguson®, Precision Planting® and Valtra®. Powered by Fuse® smart farming solutions, AGCO's full line of equipment and services help farmers sustainably feed our world. Founded in 1990 and headquartered in Duluth, Georgia, USA, AGCO had net sales of approximately $11.1 billion in 2021. For more information, visit www.AGCOcorp.com. For company news, information and events, please follow us on Twitter: @AGCOCorp. For financial news on Twitter, please follow the hashtag #AGCOIR.

CONTACT

Apex.AI U.S. Media contact
Kylee Keskerian
419-822-6417,
kylee@futuristacommunications.com

Apex.AI European Media contact
Christian Bangemann
christian.bangemann@apex.ai