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Mercedes-Benz Vans adopts Automotive Grade Linux open platform

Mercedes-Benz Vans plans to use the Automotive Grade Linux (AGL) open onboard operating system in its upcoming commercial vehicles. This will first be seen in prototype projects later this year.

“It has become clear that fast innovation cycles and flexible software architecture are key for the successful development of business applications, which is why we are using AGL as a foundation for our new onboard operating system,” said Thomas Wurdig, head of onboard system architecture and IoT, Mercedes-Benz Vans, in a statement. “Using a standardized, open operating system like AGL enables us to rapidly develop new commercial vehicle use cases such as robotic delivery, data analytics, and prediction and automation technologies.”

The AGL project, hosted by The Linux Foundation, points out that its platform gives partners the flexibility to rapidly create tailored solutions, including the ability to add and connect IoT components such as sensors, automation controls and actuators. Dan Cauchy, executive director of AGL at The Linux Foundation, said: “We are very excited to see members like Daimler using the AGL platform in new ways, such as developing new commercial solutions to solve challenges such as last-mile logistics. It’s proof that we have built a robust platform that can enable new products and solutions to quickly be developed and brought to market.”

More than 125 members are participating in the open source project; the first to use the platform in production vehicles has been Toyota, which launched it in the 2018 US-market Camry and is now rolling out its AGL-based system globally.

-Farah Alkhalisi