

Elektrobit's Linux solution integrates into Mobileye's Level 4 self-driving system

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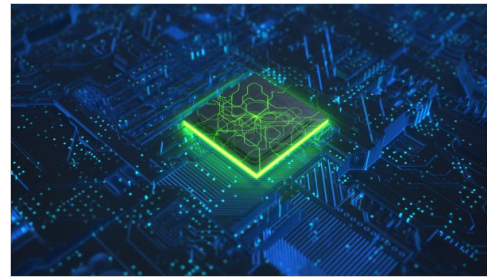
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The integration marks a step forward in autonomous vehicle safety, leveraging open-source solutions for automotive applications

Elektrobit and Mobileye have announced the integration of EB corbos Linux for Safety Applications into Mobileye Drive, a scalable Level 4 self-driving system. Mobileye's platform will incorporate Elektrobit's safety-compliant solution to provide automotive-grade features and field updates. This collaboration highlights Mobileye's interest in the EB corbos Linux for Safety Applications.



Source: Getty image/ 4X-image

EB corbos Linux for Safety Applications is an open-source operating system assessed for compliance with automotive functional safety standards. It has received a positive technical assessment for ASIL-B and SIL2 from TÜV Nord for the safety element out of context (SEooC), based on ISO 26262 and IEC 61508 standards. The solution allows automotive manufacturers and suppliers to harness Linux for safety-related high-performance computing in areas such as advanced driver assistance systems and autonomous vehicles. Open source distinguishes itself with transparency, flexibility, rapid innovation and security compared to proprietary software.

Mobileye Drive is a scalable self-driving system aimed at enabling automakers and transport operators to fully autonomize vehicles for services such as robo-taxis, ride-pooling, public transport and goods delivery. It uses the latest-generation Mobileye SoC EyeQ, advanced AI computation and a safety architecture. Mobileye Drive is adaptable to various vehicle types for fully autonomous operation in defined areas and specific driving conditions.

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CONTACTS

The Americas

+1 877 863 1306

Europe, Middle East & Africa

+44 20 7176 1234

Asia-Pacific

+852 2533 3565

www.spglobal.com/mobility

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