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Biometrics for Increased Driving Safety: Rheinmetall Dermalog SensorTec presents Innovative Technologies at InCabin 2024



Hamburg/Germany & Barcelona/Spain (ots) -

Rheinmetall Dermalog SensorTec, the joint venture between Germany's leading biometrics provider DERMALOG and the Rheinmetall technology group, is presenting its latest innovations in the field of cabin monitoring and vehicle access at InCabin 2024 in Barcelona from October 8 to 10. For the first time, a demonstrator vehicle combining the advanced systems for passenger and vehicle security will be on display.

The solutions cover a wide range of state-of-the-art technologies to improve driving safety and comfort. The Driver Monitoring System can be used to detect driver fatigue and distractions in real time, for example, caused by using a smartphone. In the event of an incident, the driver is warned immediately, reducing the risk of an accident. This technology makes a significant contribution to driving safety.

Another highlight is Seamless Access, which replaces the traditional car key with facial recognition. This solution offers greater convenience and an additional level of security by preventing unauthorized access to the vehicle.

Airbag Suppression Technology is also being presented live for the first time. Using camera and radar systems, the system detects the position of the front passenger and can prevent the airbag from being triggered in critical situations, such as in the event of an unsafe seating position or when children are in the vehicle. This ensures additional protection inside the vehicle.

At the heart of all Rheinmetall Dermalog SensorTec solutions is the innovative fusion of camera and radar technologies as well as artificial intelligence for precise monitoring of vehicle occupants. This combination enables even more precise detection of behavioral patterns and thus contributes to greater safety.

Visitors to InCabin 2024 will have the opportunity to experience these pioneering technologies live at Rheinmetall Dermalog SensorTec's booth 5.

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Medieninhalte



At InCabin 2024, Rheinmetall Dermalog SensorTec will be showcasing its innovative Driver Monitoring, Seamless Access and Airbag Suppression solutions. Photography: DERMALOG / More information via ots and www.presseportal.de/en/nr/8896 / The use of this image for editorial purposes is permitted and free of charge provided that all conditions of use are complied with. Publication must include image credits.

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