

Biometric Authentication in the Car

Motivation: Providing a convenient user experience for in-car authorisation, for instance, to pay easily

Goal: Building an in-car demonstrator for charging payment by using the infotainment

Technology and Features:

- ▶ All available car sensors can be used for analysing customer specific attributes such as:
 - ▶ Out- and inside camera
 - ▶ Microphone
 - ▶ Signals of door, seat, switches, touch ...
- ▶ The used concept should be shown in a demonstrator on the target technology (end 2021)
- ▶ The used technology should be ready for series production in 2023

Use cases and Customer Value:

- ▶ Automatic biometric authentication for charging payment with a single touch on the infotainment screen „ok“. No PIN or password needed.

Next steps and Roadmap:

- ▶ Due date: 15.12.20 (feedback to BB)
- ▶ Kick-off: FIN, Inno Days, Concept WS...
- ▶ Pre-development:
- ▶ Nomination:

Project Scope:

- ▶ Target vehicle: MEB family
- ▶ SOP: 2023
- ▶ Target market: global
- ▶ Annual quantity:
- ▶ Target price / investment:
- ▶ Business model:

Contact Persons VW:

- ▶ Strategy Procurement: Kinski, Alexander
- ▶ Series Procurement:
- ▶ Technical Development: Dr. Kord Lühr, EECU/1
- ▶ Business Strategy:
- ▶ Marketing: Rüdiger Woike, VP-5/1

Remarks:

- ▶ Solutions should be automotive realistic technologies and feed car user journey

