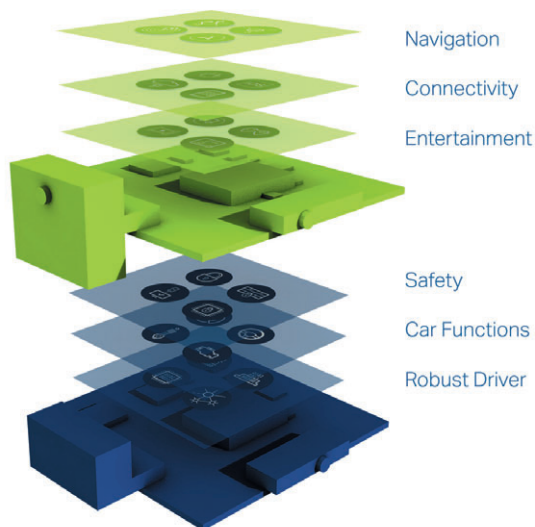# Smart Engineering for Smart Mobility

Safety and comfort

IAV's platform concept offers cloud-based infotainment solutions in a hitherto unknown scope. It provides security, comfort and fun while driving, facilitating permanent, flexible communication between the vehicle and its surroundings. The all-encompassing security concept prevents unwanted external access to both personal data and vehicle information.

Sophisticated technology

Optimum solutions for the driver and also for technical development and implementation:

- Modern, viable architecture
- Scalable for every application, whether business or private
- Future functions can be added „over the air"
- Designed for the „automated driving" generation

Infotainment of the Future

Connected – intuitive – personalized

Navigation
Connectivity
Entertainment

Safety
Car Functions
Robust Driver

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Customized Infotainment Solutions

Smart infotainment platform by IAV

Intelligent navigation directly on the windscreen, sending messages from the vehicle by smart speech or booking a table in your favorite restaurant while driving, simply with your fingertip on the side window: IAV's smart infotainment platform turns the cockpit into a highly connected control center across all mobility sectors.

Connected driving fun

Future infotainment brings maximum comfort and connectivity – not just to the vehicle but with the entire everyday world.
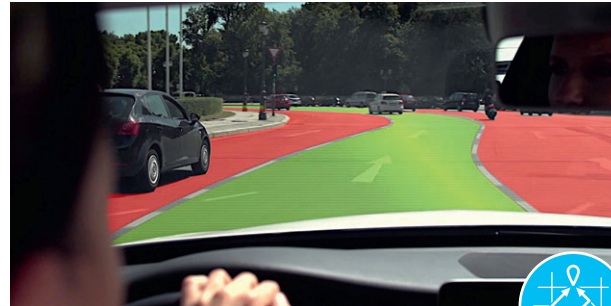
Highlights:
- Smart Guide
- Personalized cloud services
- Smart Speech
- Side Window Entertainment

Optimum combination options

The modular character of IAV's infotainment platform makes it suitable also for other mobility sectors such as freight or passenger transport. The wide range of functions and intuitive user interface can be adjusted individually to the specific needs.

When it comes to freight transport, for example, it is possible to put the focus on safety and efficiency: RFID sensors make loading control easier, route guidance and navigation are transferred directly via the cloud into the vehicle, and in zones where autonomous driving is possible, Office programs, social media applications and video content can be reproduced directly on the window.

Smart Guide

The concept manages without visual maneuvers and voice output. It calculates and updates all possible routes in real time to bring the driver to the intended destination on time. The routes are projected on the front screen, with augmented reality making it look as if they are on the road ahead of the vehicle.

Personalized cloud services

Clouds connect us more closely than ever before. Buildings are already smart. IAV is making sure that your vehicle is smart, too. In future, your vehicle will adjust even better to your needs. HMI interfaces will be displayed in the way you are familiar with and personalized services are downloaded from the cloud.

Infotainment of the future

Smart Speech

The new generation of smart speech assistants in the vehicle reacts individually, adequately and predictively to every vehicle occupant. The software recognizes different persons, adjusting the choice of words in the speech dialogue and the possible interactions to the user group.

Side Window Entertainment

Playing digital games directly on the side window, reading information about places of interest or restaurant tips: Side Window Entertainment turns the side window into an augmented reality display. The intelligent system lets passengers interact intuitively with their surroundings. The side window becomes an interface.