

## Automotive Connected Mobility Solutions



# Application Gateway

Platform-based development and manufacturing of customer specific vehicle head unit application gateways. Supporting and/or realising product development projects of our clients from start to finish, from concept to ready-to-integrate products.

- display and operate apps on vehicle head unit
- Linux OS (Android OS projected)
- Bluetooth, USB, WLAN (LTE/GNSS projected)
- androidauto® and CarPlay® (projected)
- industrial/automotive grade robustness (electronics, housing etc.)
- access and version control, settings and updates over the air (FOTA)
- user manipulation and mal-operation suspended



application



telematics



infotainment

### CONSULTING

- requirement specification
- technology assessment
- solution specification

### DEVELOPMENT

- hardware & software
- RF design
- system integration
- FMEA

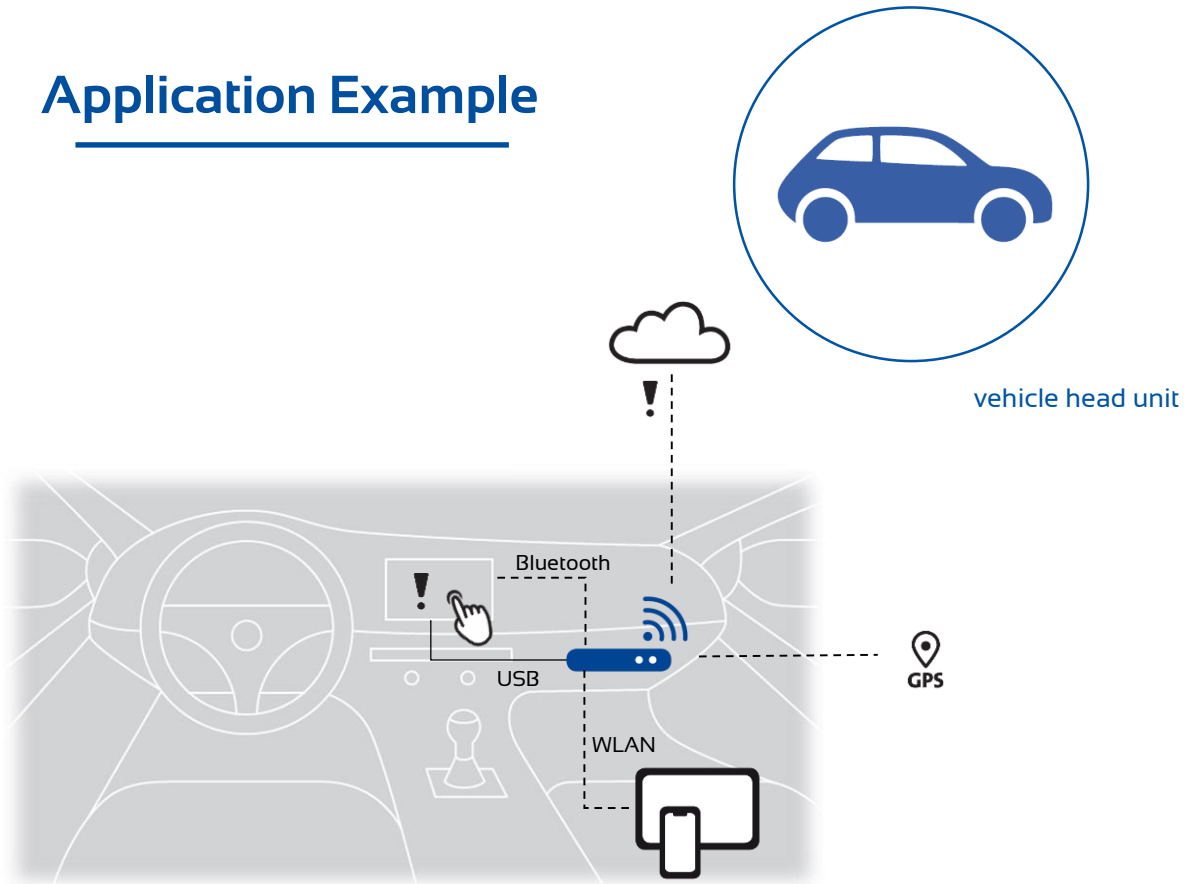
### CERTIFICATION

- error analysis
- product qualification (LV124, VW80000)
- product certification (CE/RED, KBA)
- country certification (FCC etc.)

\* manufacturing services available (from prototype to small & volume quantities, electronics, housing, cable harness etc.)



## Application Example



- apps
  - stored locally on application gateway
  - operated on head unit
  - managed remotely via cloud (FOTA)
- wired connectivity via USB-A/-C, MicroSD and HDMI (optional)
- wireless communication via 2G/3G/4G and GNSS as well as Bluetooth 4.2 and WLAN
- WLAN access points for up to 10 clients