

# FEV Signature Solutions Body Control Module

**Our solution enables you to get to market quickly for all vehicle architectures and types**

## FEV offers

- ▶ Body Control Module hardware design, basic & application software solutions for all vehicle architectures and vehicle types
- ▶ FEV software library with series maturity
- ▶ Design with easy access, low cost, reduced lead time and flexible development
- ▶ Product development with top-down testing, ensuring efficient compliance from requirements to market
- ▶ Additional services such as modification, extension, integration, commissioning and calibration

## Why FEV

- ▶ Proven functionality that has been applied to multiple vehicle applications and continuously optimized over the last 20 years
- ▶ White box option to allow you to use FEV's solution as a basis for their own development
- ▶ Customization by FEV to exactly meet your specific needs



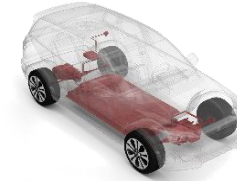
# Reference projects

## BODY CONTROL MODULE



### All vehicle types

(BCM systems & requirements engineering)



### All vehicle types

(E/E architecture development on body domain)



### L4 autonomous BEV

(E/E series development)



### Off-highway tractor

(Body functionalities)



### Conventional & electric bus

(Functional safety – BCM)



### Commercial vehicle

(BCM software development)



### BEV Car Family

(A-sample development)

# System and function library

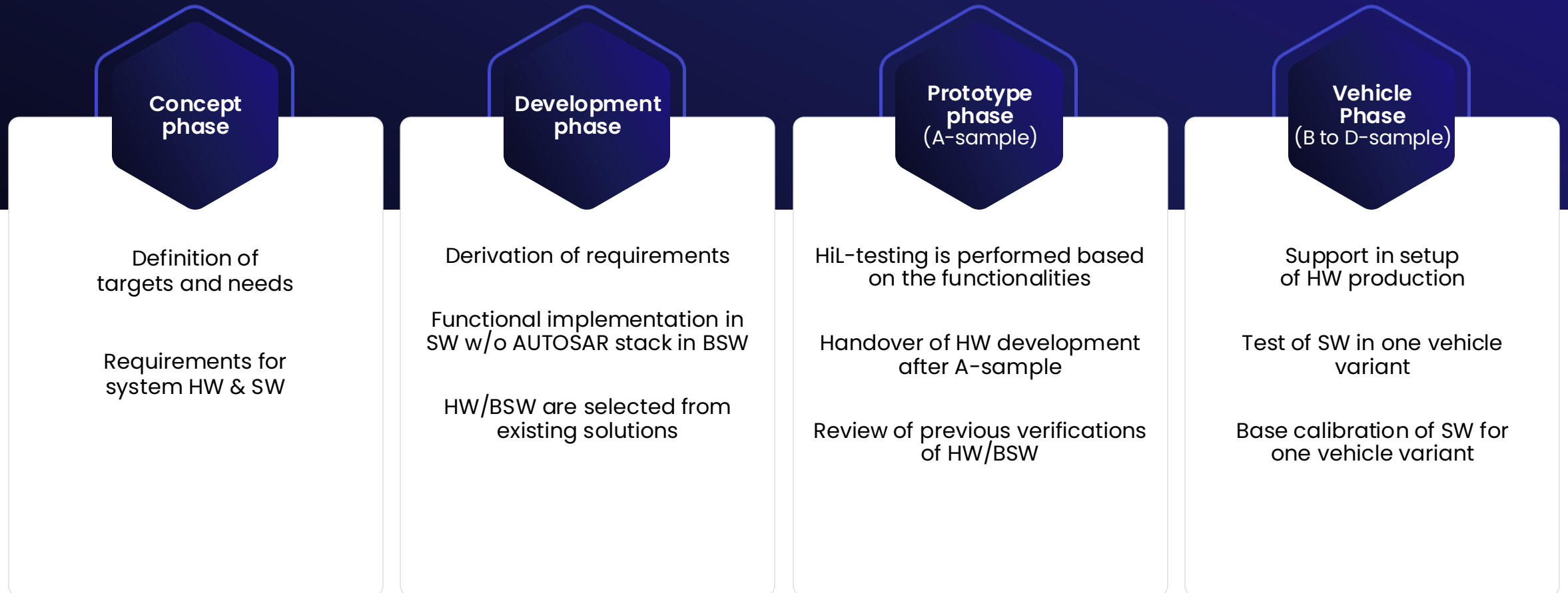
BODY CONTROL MODULE

## Body system

Control exterior systems	Door & closures	Control interior systems	Safety & security systems	Customer specific sub-systems
Welcome/farewell light show	Smart entry with gesture recognition	Automated sun visors	Cyber security management	Customer specific functionalities
Rhythm-based lighting	Programmable automatic closing	Mood / dynamic ambient lighting	Passive safety systems <ul style="list-style-type: none"><li>- Airbag</li><li>- Entry, exit</li><li>- Alarm</li></ul>	Market specific functionalities
Interactive turn signals	Doors <ul style="list-style-type: none"><li>- Side doors</li><li>- Tailgate, frunk</li></ul>	Air quality management		Vehicle type specific functionalities, e.g. <ul style="list-style-type: none"><li>- Bus</li><li>- Truck</li><li>- Passenger</li><li>- Motorcycle</li></ul>
Traditional exterior lights	Closures <ul style="list-style-type: none"><li>- Windows</li><li>- Sunroofs</li></ul>	Biometric authentication		
Exterior view system				

# Development process

## BODY CONTROL MODULE



# Get in touch with us for further information



[www.fev.com/en/  
signature-solutions](http://www.fev.com/en/signature-solutions)