

FEV Signature Solutions Infotainment & Connectivity Database

FEV.io

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

FEV offers

- Infotainment & connectivity hardware design, basic & application software solution for all vehicle architectures and vehicle types
- Complete documentation including database with use cases, vehicle requirements, technical requirements, activity diagrams, internal block diagrams, and test cases
 - mature universal FEV database including whole development steps
 - design with easy access, low cost, reduced lead time and flexible development
 - advantages: shorter development time (up to 70% faster compared to standard approach) and better quality
- 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 your own development
- Customization by FEV to exactly meet your specific needs



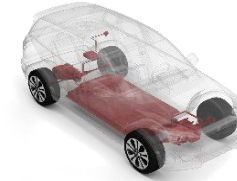
Reference projects

INFOTAINMENT & CONNECTIVITY



All vehicle types

(Infotainment & Connectivity systems & requirements engineering)



All vehicle types

(E/E architecture development on Infotainment & Connectivity domain)



L4 autonomous BEV

(E/E series development)



SDV Car Family

(A-sample development)



Conventional & electric bus

(Component responsible for Infotainment & Connectivity)



Commercial vehicle

(Infotainment & Connectivity system integration & component responsibility)



BEV Car Family

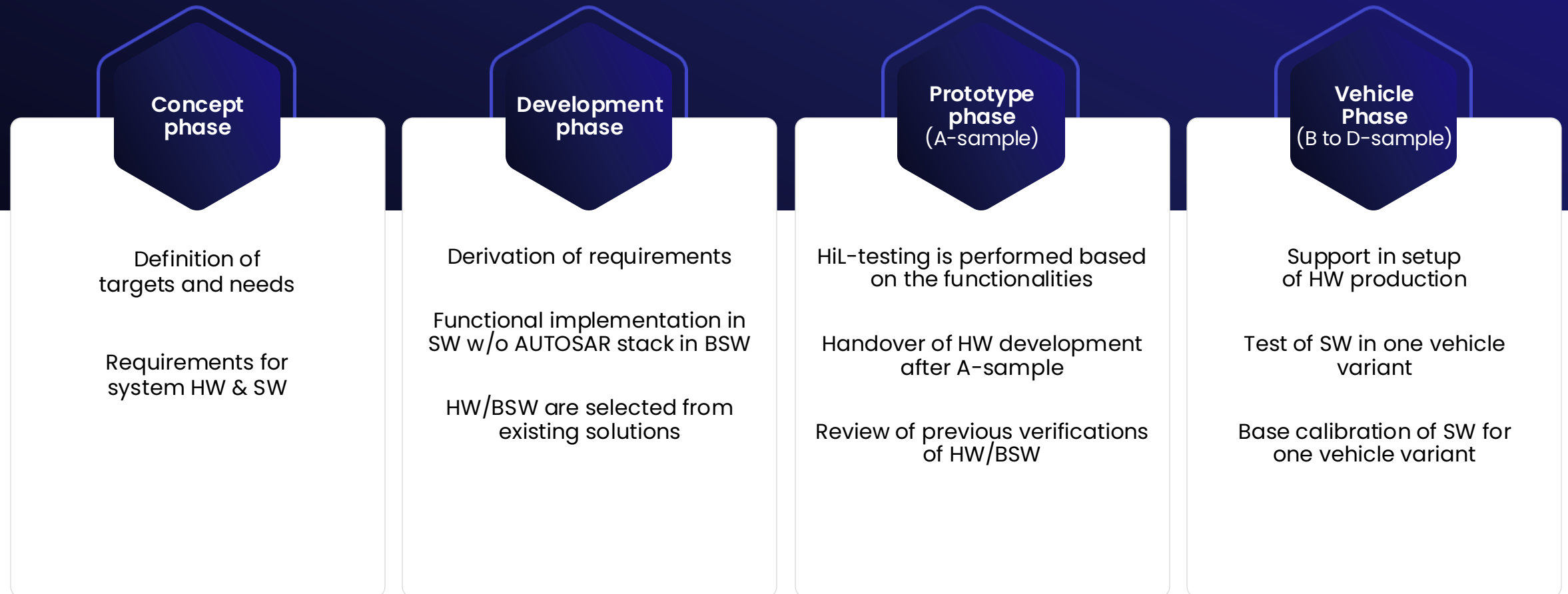
(Component responsible for Infotainment & Connectivity)

System and function database

Infotainment & Connectivity systems				
Driving Information systems	Entertainment	Peripheral systems	Connectivity systems	Customer specific sub-systems
Cluster , HUD, AR	Android Auto, Car Play, APP services	Audio, Speaker, Amplifier, Microphone, AVAS	TBM, TCU	Customer specific functionalities
IVI , HPC controller	Gamification		e-SIM, GNSS	
Multimedia & Radio systems	Music, Video		Connectivity APPs	Market specific functionalities
E-mirror, Driving monitoring systems	AI, Voice assistants	USB	OTA, FOTA, SOTA	Cyber security management
	UI/UX	Antenna	Keyless entry	
ADAS, Rear view camera systems integration	Visualization	Wireless charger	E-call, B-Call	
HVAC, Seat comfort systems integration	Menu design	Rear occupant displays	Vehicle to Everything (V2X)	Vehicle type specific functionalities, e.g.
User profiles & settings	HMI design		Data monetization	– Bus
	Interaction design		Cloud & data management	– Truck
	User testing & prototyping		Fleet management	– Passenger
				– Motorcycle

Development process

INFOTAINMENT & CONNECTIVITY



Get in touch with us for further information



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