

# Digital Seat Cover Process

FEV SIGNATURE SOLUTIONS

**We support you in designing a high-quality product within shortest time**

## FEV offers

- Seat cover development support from prototype design to series product based on FEV's digital process
  - Short development time and high-quality result due to unique approach (up to 30% faster time to product)
  - Flexible in each development phase
- For all vehicle types, boats, aerospace, public transportation and other seat applications
- Additional services as complete seat design including restraint systems and SOP support



## Why FEV

- Extensive experience in the development of seat covers for over 15 years including multiple series development support for OEMs
- Up-to-date processes using latest tools and FEV's latest innovations
- Customized design to exactly meet your requirements
- All-round-service

# Reference projects

## FEV DIGITAL SEAT COVER PROCESS

■ Concept design   ■ Project support   ■ Development

### Concept & Development (German OEM)

Concept creation of panels, foam and covers (1st + 2nd SR), development support (1st + 2nd SR) up to B release

### Design (German OEM)

Panel design (1st SR), P-release to SOP

### Project support (German OEM)

Project support, project coordination, covers, integration center airbag

### Development (German OEM)

Problem analysis, cover, foam, digitizing, drawing processing, model building, reset samples, sample covers

Development support (2nd +3rd SR), creation of cover concepts, development support all SR until P-release

Structure, trim & complete seat (1st + 2nd SR)

Foam and cover development

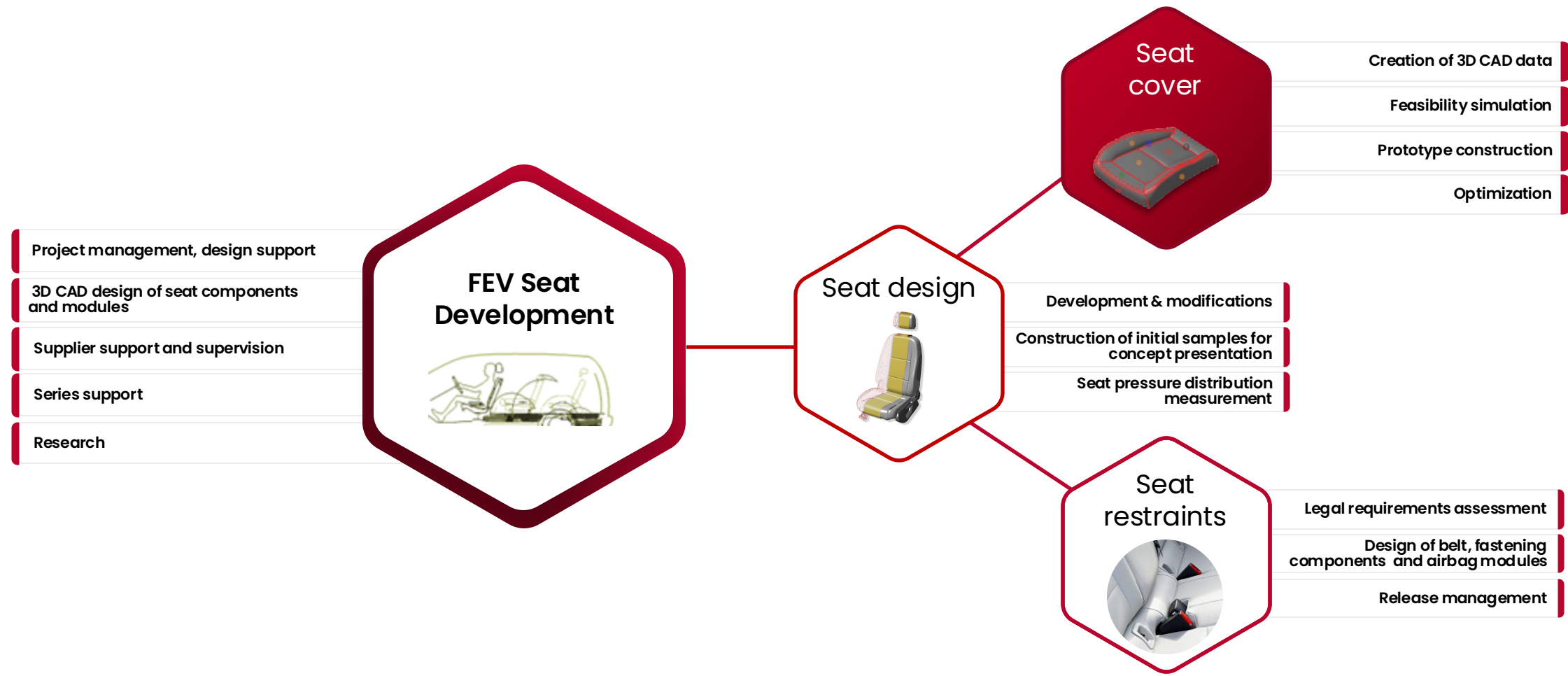
Development panels, foam, cover (digital) all SR up to P-release;

Development support (all SR) up to B-release

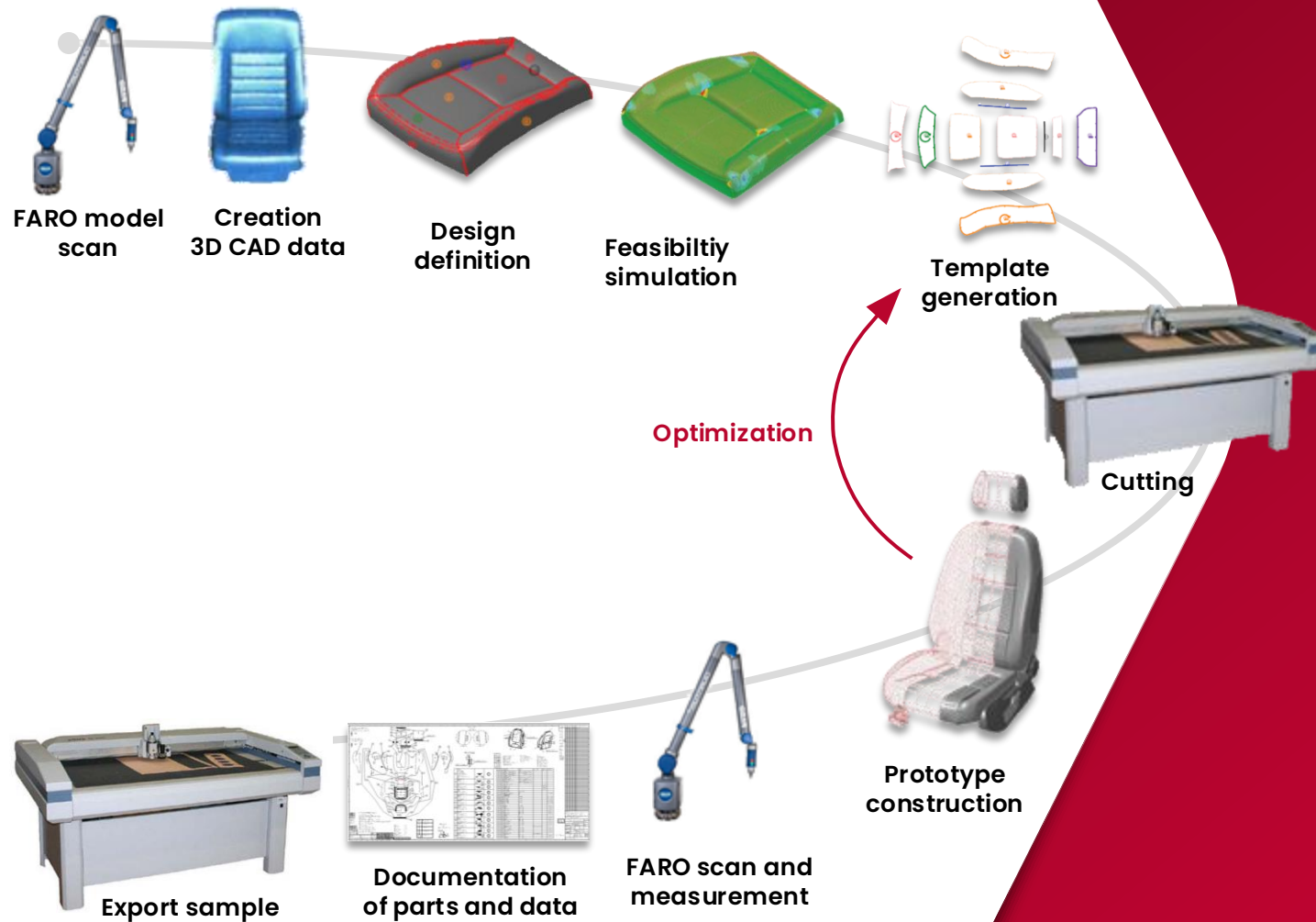
### Development (Chinese OEM)

Complete seat development (1st +2nd SR) SUV and SEDAN up to P-release

# FEV Seat Development Services



# Digital 3D development of seat covers



## FEV's process

- Creation of 3D CAD data or a scan from the clay model
- Determination of the seam lines, types of materials and patterns as well as fastening parts
- Simulation of the feasibility of the covers
- Generation of the templates
- Construction of the prototypes with cutting, sewing and checking
- Optimization
- Parts & data documentation (parts lists, texts, materials, cuttings, costs)
- Export sample for cutting machines

## Advantages

- Significant time & cost savings
- Flexible in every development phase

# Get in touch with us for further information



[www.fev.com/en/  
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