

## Customer-specific production software

Dumarey Softronix has been responsible for 15+ years to develop and deliver **production code for embedded control units** owned by a vehicle OEM, adopting its coding guidelines, custom SW architecture and development process and contributing to their improvement.

We have released hundreds of production-oriented SW components, deployed in multiple controllers for Diesel and Gasoline powertrains, hybrid and electric vehicles, contributing to the launch of 20+ worldwide applications in production and to their maintenance in the field.

The SW coding has been realized via **manual coding** and via **auto coding**, area in which Dumarey Softronix has had a **leading position** in showing to its customer the benefits of the Model-Based SW design approach in terms of:

- early SW verification through model simulation
- Increased speed and quality of code production through automatic generation
- user-friendly SW documentation through graphical models

In any case, the code has been developed respecting MISRA and ISO26262 guidelines.

