

## **Simulation factory: a way to face complexity for numerical modelisation**

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Numerical simulation is a very important lever to achieve ambitious targets of performances for customer's satisfaction and for building a brand image. But complexity is increasing dramatically for customer expectation, for product contents but also for engineering organization. The classic way for producing numerical models must be upgraded to a more industrial and systemic device. The concept of simulation factory gives solutions for assembling complex model of vehicles or powertrain, by assembling models of subsystems of parts which are transferred from all the players of a development project. The management of models becomes a key point for which new processes, methods and tools are needed.