Updates on Virtual Performance Solution Roadmap for Crash Simulation - Solver, Visual Environment and ADMORE for Crash

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Upcoming norms limiting CO2 emissions and including new road safety scenarios will impact requirements for crash and safety simulations in the near future. This presentation will cover how Virtual Performance Solution will enable engineers to fulfill these new requirements. The author will present updates related to material modeling, joining and assembly, airbag and restraint systems. Improvements regarding pre-crash model set up and human body models will be shown to better address non-standard crash scenarios.

Finally, ADMORE for Crash, ESI new industrial solution using machine learning for supporting fast decision making by reducing the time spent in iteration loops will be illustrated with industrial cases of crash and airbag deployment simulations.

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