

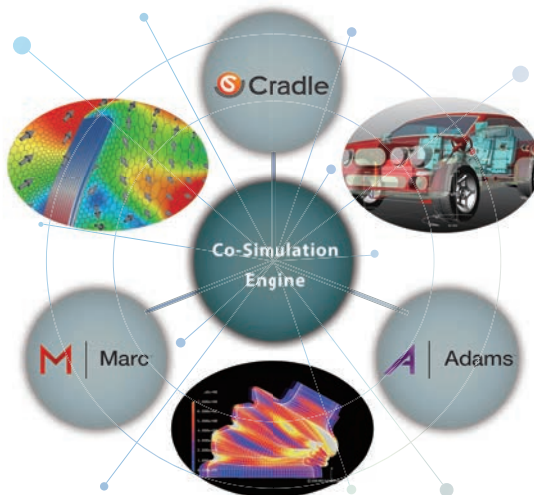
Co-Simulation Gets Real

Co-Simulation

• Analysis of reed valve
scFLOW ↔ Marc

• Release of aircraft canopy
scFLOW ↔ scFLOW - 6DOF

• Analysis of fluidized bed
scSTREAM ↔ scSTREAM - DEM



• Analysis of vehicle behavior when withstanding cross-wind
scFLOW ↔ Adams

• Analysis of deformation and vibration caused by wind pressure
scFLOW ↔ Nastran / Marc

• Analysis of air craft flap
Adams ↔ scFLOW

• Analysis of sedimentation behavior in a tank
scSTREAM ↔ scSTREAM - DEM

Chained Simulation

• Analysis of exhaust noise of a motorcycle
scFLOW → Actran

• Acoustic analysis of axial fan
scFLOW → Actran

• Thermal stress analysis of electronic device
scFLOW → Nastran

• Deformation analysis of aircraft wing
scFLOW → Nastran

• Analysis of vane pump
Adams → scFLOW