



## Simulating the global behavior and performance of mechanical systems

*"Empowering Engineering Innovation"*

### LMS Virtual.Lab

For CAE engineers to analyze product's performance

- LMS Virtual.Lab - Motion
- LMS Virtual.Lab - Acoustics
- LMS Virtual.Lab - Structures
- LMS Virtual.Lab - Noise and Vibration
- LMS Virtual.Lab - Durability

### LMS Virtual.Lab Designer

CAA V5 embedded simulation for rapid

- LMS Virtual.Lab Designer – Structures<sup>2</sup>
- LMS Virtual.Lab Designer – Motion<sup>1</sup>
- LMS Virtual.Lab Designer - Acoustics
- LMS Virtual.Lab Designer - Fatigue

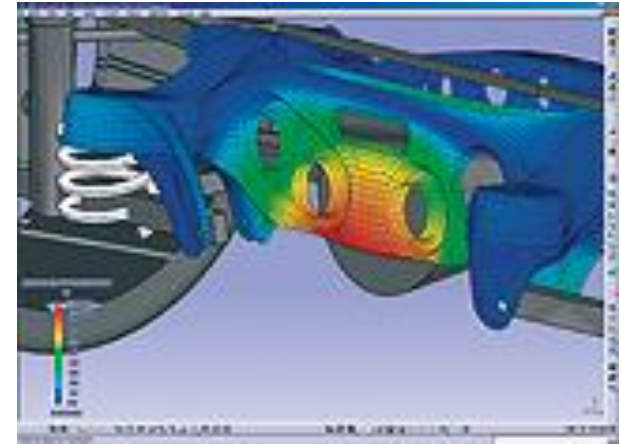
CATIA MD2

Pre-req	GPS MS2 <sup>1</sup>
Co-req	AFC <sup>2*</sup> GAS <sup>2</sup>

(1) Pre-req for LMS Virtual.Lab Designer Motion only

(2) Potential Co-req for LMS Virtual.Lab Designer Structures

(\*) AFC Abaqus For CATIA



#### Targets

Auto & Aero OEMs, Machinery Equipment for:

- Body rigidity, engine acoustics, active mechanism in door, seating systems, gearbox, chassis/ suspension...

#### Customer Benefits

- Improve structural integrity, system dynamics, noise and vibration...
- Predict product performance
- Evaluate alternative and more innovative designs

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