



VIBES.technology

Improving sound & vibration engineering

SOFTWARE AND EXPERTS
for modular NVH engineering

A NEW GAME PLAN FOR SOUND & VIBRATION ENGINEERING

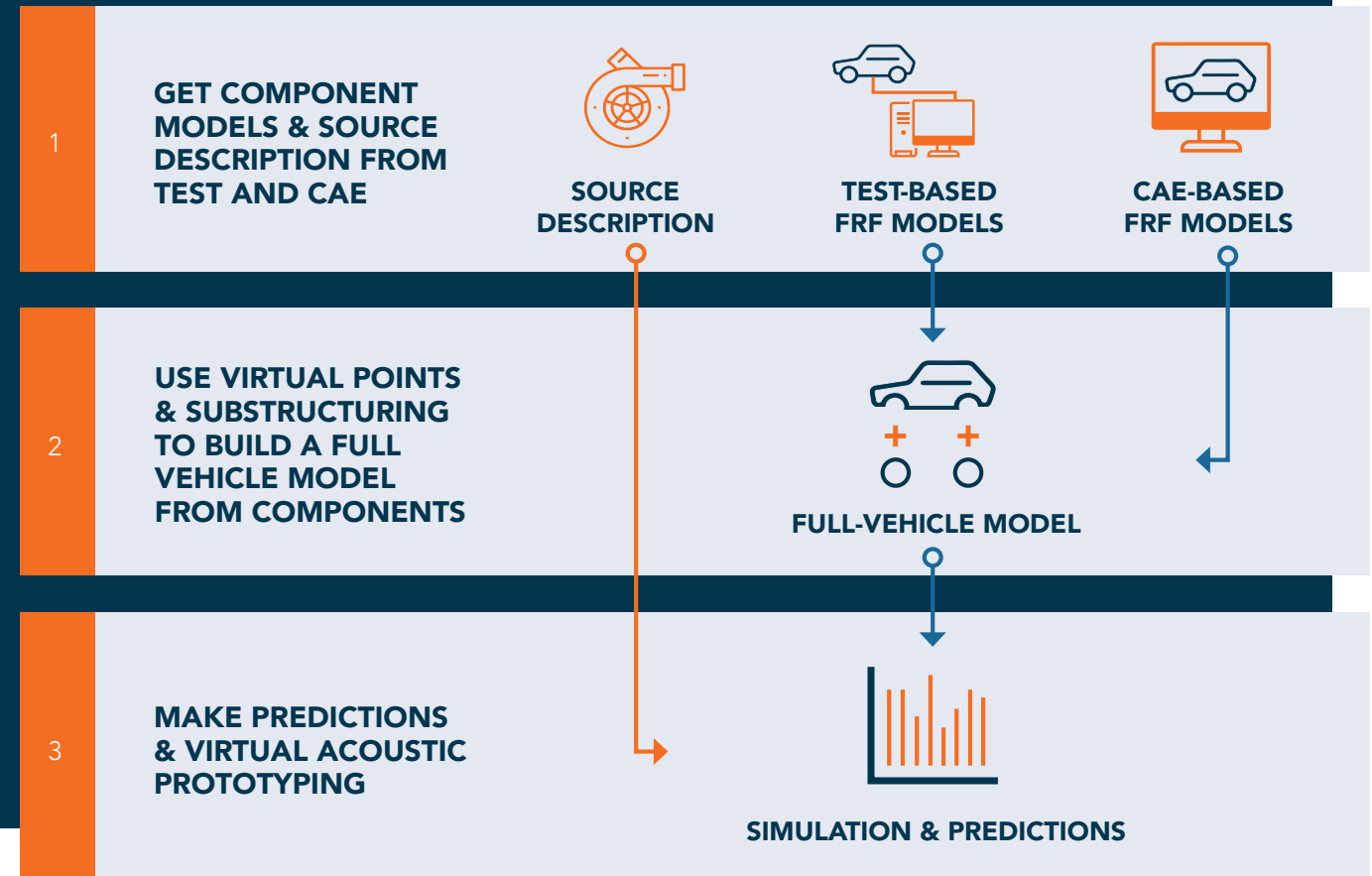
VIBES brings innovative, proven methods for sound & vibration measurements to the automotive and high tech industries, resulting in reliable, time-efficient and cost-effective research & development processes. Our modular way of working – our unique VIBES Methodology, as shown on the right page – leads to accurate source characterizations, prevents (human) error and allows for a modular way-of-working towards full vehicle predictions. This allows our clients to solve potential vibration issues before physical prototypes are built, saving time and resources, and resulting in better products.

Our solutions cover both engineering services for complex NVH challenges and user-friendly software that enable any engineer to do complex NVH analyses 'first time right' in a fast, smart and simple way. DIRAC, SOURCE and VIBES Toolbox for MATLAB are VIBES' intuitive applications for performing high-accuracy, traceable measurements of the sound & vibration characteristics of (car) components and subsystems.

As an automotive engineer working on suspension level NVH performance, I was stunned to see how the VIBES method maximizes the accuracy of the result.

– David Song, Senior Research Engineer Hyundai Motor Company R&D Division –

THE VIBES METHODOLOGY



SOLUTIONS

DIRAC

High-quality FRF models using the virtual point transformation, compatible with CAE

SOURCE


Software for source characterisation and component TPA using Blocked Forces

TOOLBOX

Advanced capabilities for Dynamic Substructuring, TPA & numerical modelling

ENGINEERING

Experts on demand implement the power of VIBES' methodology



WE LOOK FORWARD TO **HELP YOU TACKLE**
YOUR CHALLENGES! **GET IN TOUCH**



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