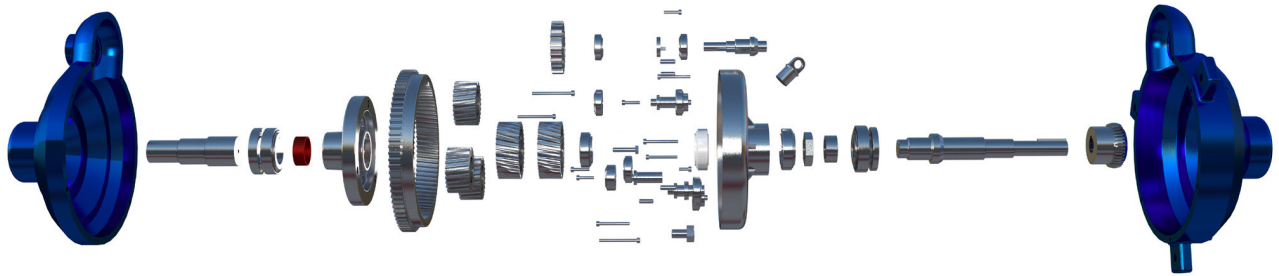


# Integrated Transmission Solution



**As the global vehicle market continues to shift to electrified and hybrid vehicles, NVH signatures of transmission systems are becoming increasingly important for customer satisfaction and the adoption of new technologies.**

In the development of new hybridised powertrains, vehicle manufacturers are faced with a very wide range of potential solutions, each with complex load paths and transient duty cycles.

By using Ricardo's integrated toolchain, engineers are able to address complete systems. The proven software toolset allows dynamic analysis of complex transmissions, driveline and e-drive systems for NVH, durability and life prediction.

Our approach not only accelerates development timelines through enhanced upfront virtual engineering processes, but reduces risk through use of a digital twin as a predictive virtual physical model - driving cost savings throughout the entire development process.

## Key features and benefits

NVH addressed early in the design phase

Increased efficiency through accelerated development timelines

Integrated workflow and templates for fast project setup

Integration with 3rd party tools

Designed specifically for transmission engineers

Addresses complete systems rather than individual components

To find out more about the benefits of Ricardo's transmission solution or to request a demo, contact us at: [rs\\_marketing@ricardo.com](mailto:rs_marketing@ricardo.com)