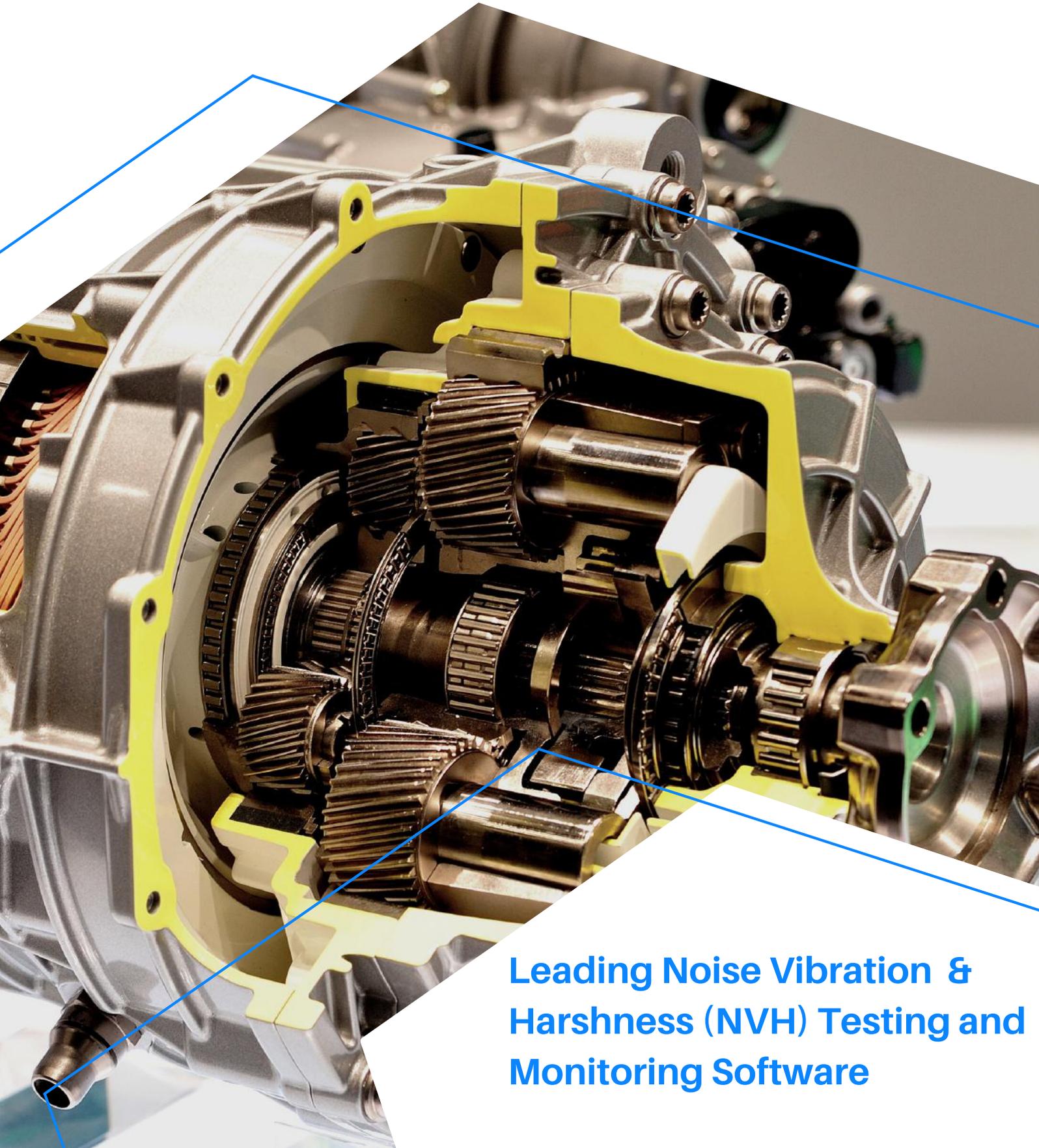




NVH
INTERNATIONAL



**Leading Noise Vibration &
Harshness (NVH) Testing and
Monitoring Software**

About NVH International

Nearly 40-years of experience designing, deploying and supporting powertrain NVH test and monitoring solutions based on our core software system: PLATO. We are committed to providing meaningful and easy to understand results together with first-class technical support worldwide.

History

1984

We started work with Land Rover in the UK 38-years ago and deployed our first factory-based NVH test system in 1986 as a quality audit (QA) system for the Range Rover Classic's 4x4 transfer case.

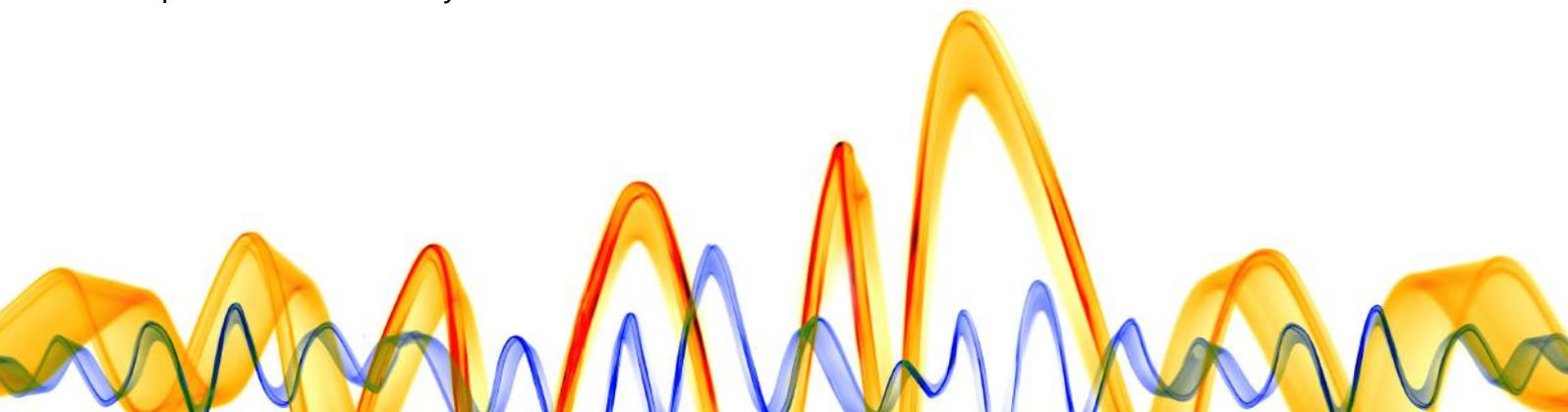


2022

Our PLATO software lies at the core of all systems we deploy. PLATO has been continuously developed to meet the changing requirements of our customers and today routinely tests ePowertrain products including high-speed eMotors with NVH and electrical performance/QA analyses.

The Challenge

NVH testing is essential in today's manufacturing environments to ensure product quality and compliance with customer-imposed standards. Costs associated with warranty claims and premature product failures can be eliminated when meaningful factory-based tests are conducted. In addition, PLATO is also used to monitor the condition of test machines, helping to promote consistency of test results.



Our Solutions

NVH testing and monitoring is a crucial step in QA for powertrains and rotating equipment. Our specialist knowledge supports our customers to specify and implement an NVH test system. The continuous development of our PLATO software and hardware has allowed us to tailor solutions to provide reliable and meaningful data analysis for rotating equipment.

Advice

Product

Services

Support



Testing environments

In addition to mainstream 100% end-of-line, factory-based testing, our NVH test & monitoring solutions are also applied to:

- In-process testing
- Audit testing
- R&D/prototype testing
- In-vehicle (objective correlation) testing
- eMotor QA/performance testing
- Static & dynamic balancing
- Durability / endurance testing
- Fault analysis

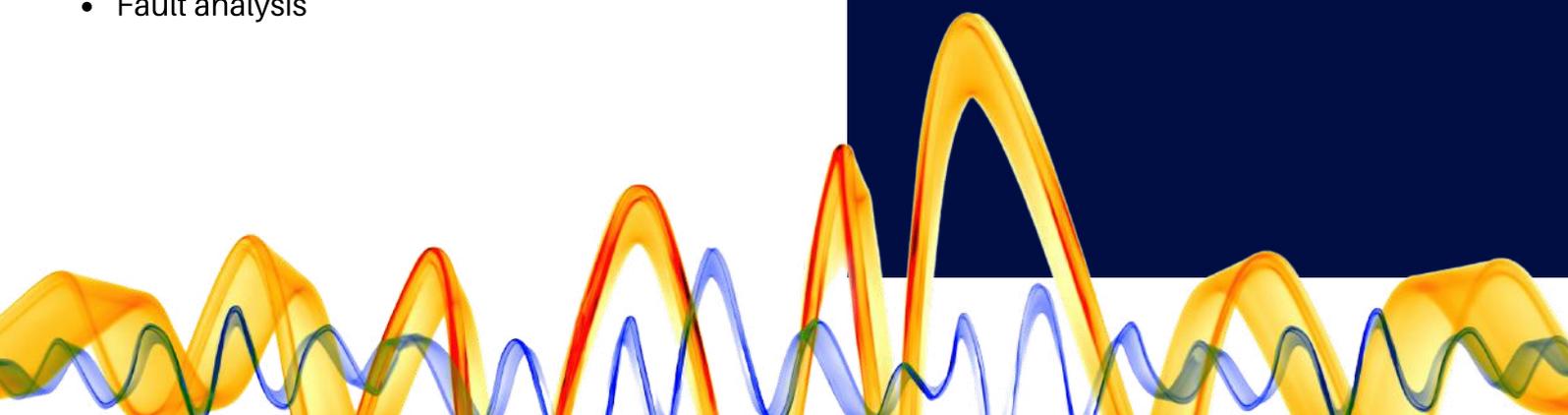
PLATO Software

PLATO is our core, bespoke, NVH testing and measurement software platform.

- Intuitive, interactive setup
- Fully automatic operation with test machines
- Real-time, parallel analyses
- Off-line analyses/reporting
- Link to centralised server for result storage/analysis
- Capable of analysing rotating equipment with speeds of 24,000 RPM

Hardware

We manufacture worldwide standard data acquisition hardware to provide functions required by PLATO NVH test systems. Our hardware is manufactured to the highest standard, guaranteeing performance, durability and repeatability.





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