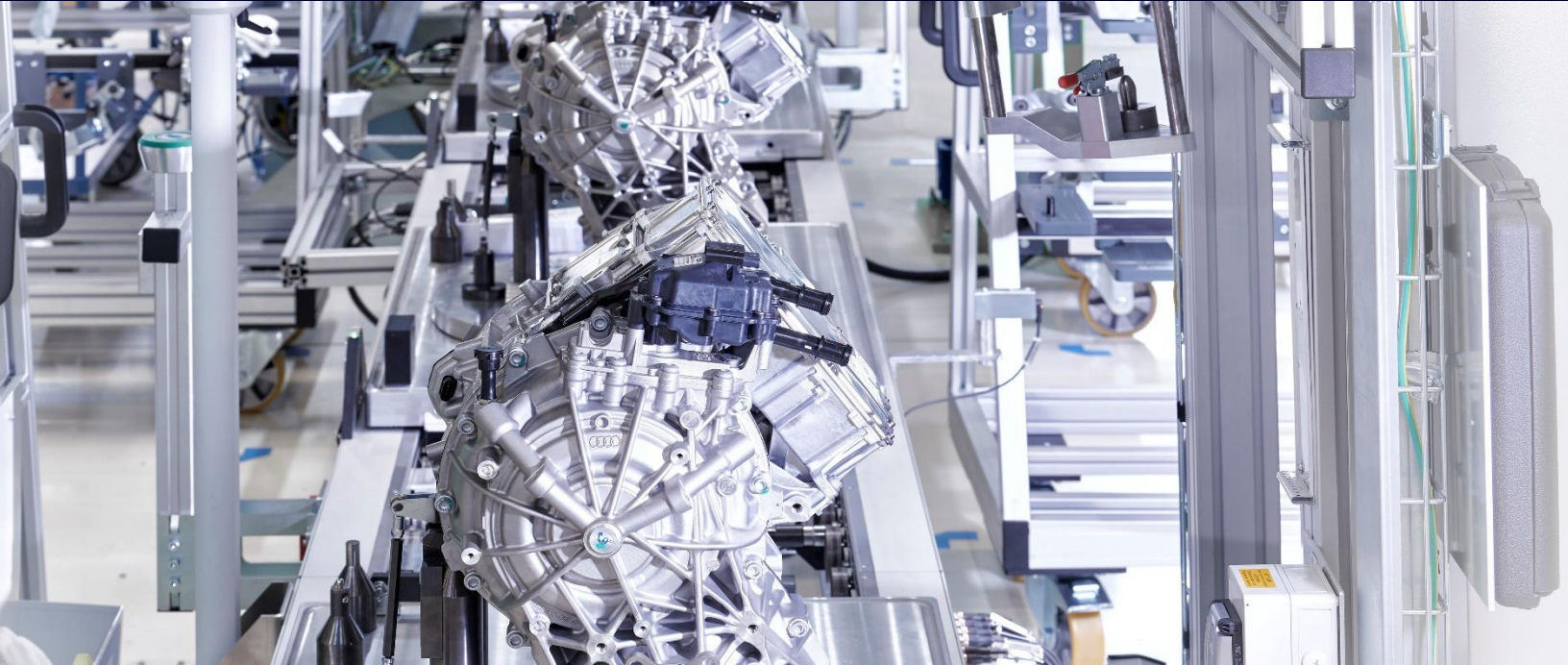




Industrial Quality Testing Days

Detecting defects with confidence using noise & vibration-based end-of-line testing

Event | October 6-7, 2026 | Leuven, Belgium

Industrial Quality Testing Days focuses on the practical application of noise and vibration-based end-of-line testing in industrial production environments. Over two days, participants will explore how measurement data, sensors, and test setups are combined into robust end-of-line solutions that enable confident defect detection. Through real demonstrations and applied discussions, the event shows how noise and vibration can be used effectively to support reliable pass/fail decisions in serial production.

Industrial Quality Testing Days – in a nutshell

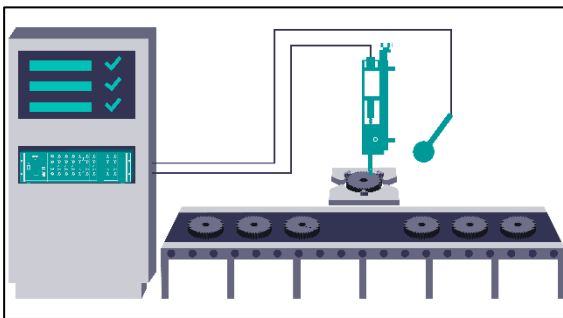
Industrial Quality Testing Days bring together practitioners, engineers, and solution experts to explore noise and vibration-based testing in end-of-line and serial production environments.

Across two focused days, participants will see real industrial setups, live demonstrations, and practical configurations that show how noise and vibration measurements can be transformed into robust, repeatable, and confident quality decisions at end of line. The emphasis is on application, integration, and experience from the field, rather than classroom-style instruction.

Why attend?

- Gain insight into how noise & vibration testing is applied in industrial end-of-line quality assurance
- Understand how to detect defects with confidence using measurable, repeatable criteria
- Experience real test setups, hardware, sensors, and software configurations
- Learn how blocked forces, NDT concepts, and NVH metrics support reliable pass/fail decisions
- Exchange experiences with peers and experts in an open, technical setting
- See how individual elements are combined into a complete end-of-line testing concept

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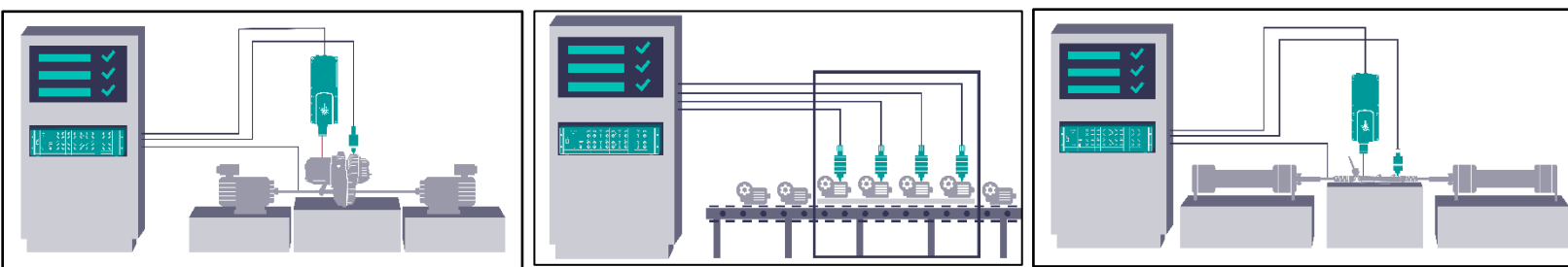
Agenda

October 6 – Industrial Quality Testing Foundations & Demonstrations

Day one provides a technical **foundation for noise and vibration–based end-of-line quality testing**. It starts with an overview of common industrial applications and testing requirements, followed by key concepts in measurement, sensing, and data interpretation. The focus then narrows to the core principles and configurations needed to design reliable end-of-line test setups for defect identification in serial production.

9:00 – 09:30	Welcome & Introduction
09:30 – 10:15	Quality testing by noise and vibration - Simcenter Anovis overview
10:15 – 10:30	Break
10:30– 12:00	Listen and feel - Industrial sensors and hardware
12:00 – 12:30	Full vehicle Industrial Quality Testing
12:30 – 13:30	Lunch
13:00 – 14:30	In-situ blocked forces evaluation in an end of line test
14:30 – 14:45	Break
14:45 – 15:30	Blocked forces demo
15.30 – 17:30	Hands-on Exercise Slot 1: The end-of-line setup
15:30 – 17:30	Hands-on Exercise Slot 2: Doesn't it sound well? - The non-destructive testing (NDT) setup
17:30	Closure

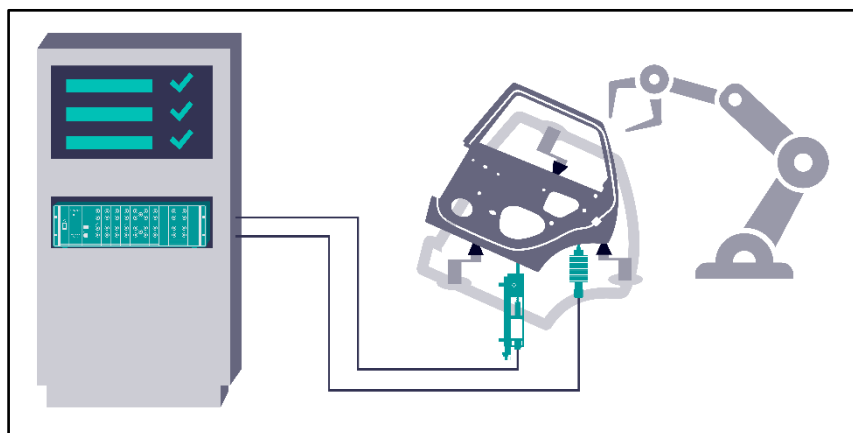
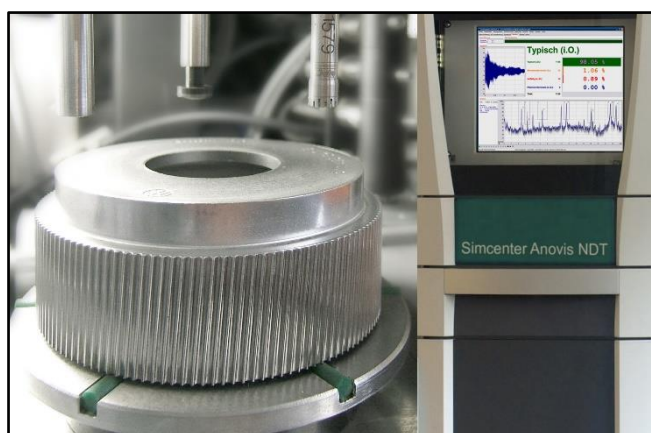




October 7 – End-of-line Implementation & Serial Testing

Day two is dedicated to **applying noise and vibration testing concepts in serial production and end-of-line environments**. The focus is on configuring test systems, defining quality metrics, and executing serial testing in a way that ensures consistent and reliable defect detection. Attention is given to efficiency, robustness, and practical considerations beyond individual measurements.

	Slot 1	Slot 2
9:00 – 10:30	Hands-on exercise: Be prepared - The software setup for EOL testing	Hands-on exercise: Sounds of the crowd - recording parts for adaptation
10:30 – 10:45	Break	
10:45 – 12:30	Hands-on exercise: Communication is the key - Setting up the test bench interface	Hands-on exercise: Preparing the trap - Configuration of the NDT setup
12:30 – 13:30	Lunch	
13:30 – 15:00	Hands-on exercise: Let's catch them all - Setting up metrics for fault identification	Hands-on exercise: The bad ones into the pot - NDT serial testing
15:00 – 15:15	Break	
15:15 – 16:00	Let's stay in contact - closing discussion	



Who should attend?

- **Quality & Manufacturing Engineers** involved in end-of-line testing
- **NVH and Test Engineers** working in production or industrial environments
- **Method & Process Developers** responsible for test strategies and metrics
- **Engineering Managers** seeking robust and scalable quality testing concepts
- Anyone involved in **industrial noise & vibration-based quality assurance**



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