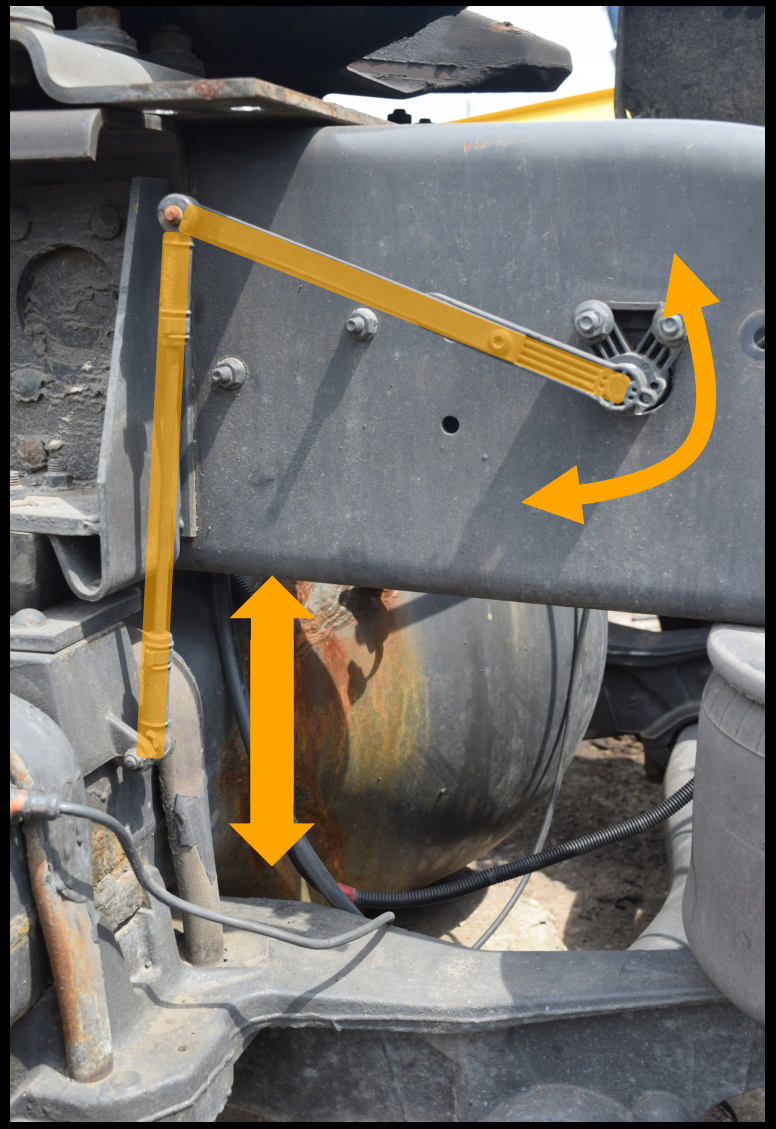
Smart Sensor Air Spring

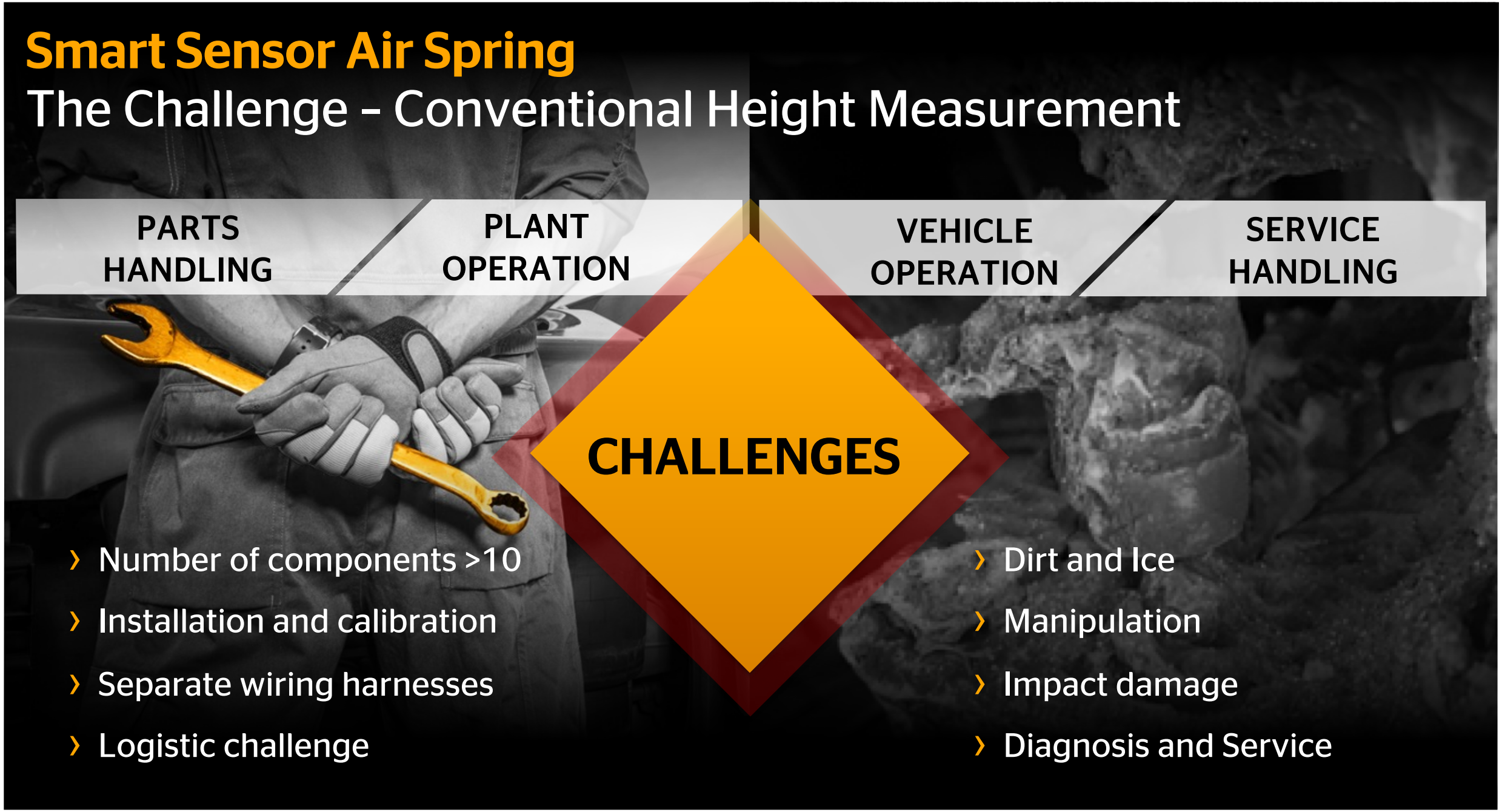
Your smart way towards a technological leap

Marc Leinemann, Head of Advanced Development Commercial Vehicles, Business Area Advanced Dynamics



Smart Sensor Air Spring

The Challenge – Conventional Height Measurement



PARTS HANDLING | PLANT OPERATION | VEHICLE OPERATION | SERVICE HANDLING

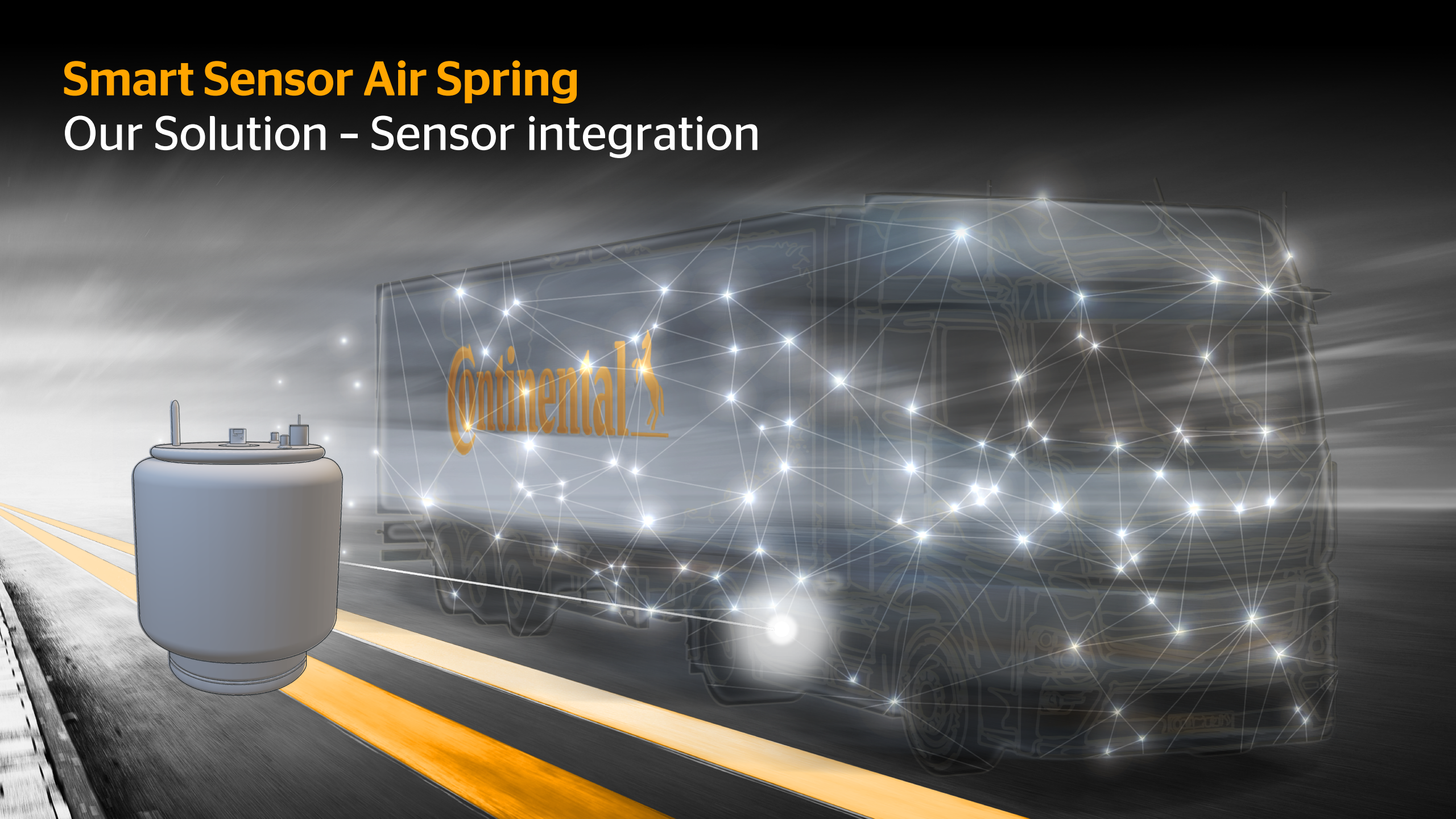
CHALLENGES

- Number of components >10
- Installation and calibration
- Separate wiring harnesses
- Logistic challenge

- Dirt and Ice
- Manipulation
- Impact damage
- Diagnosis and Service

Smart Sensor Air Spring

Our Solution – Sensor integration

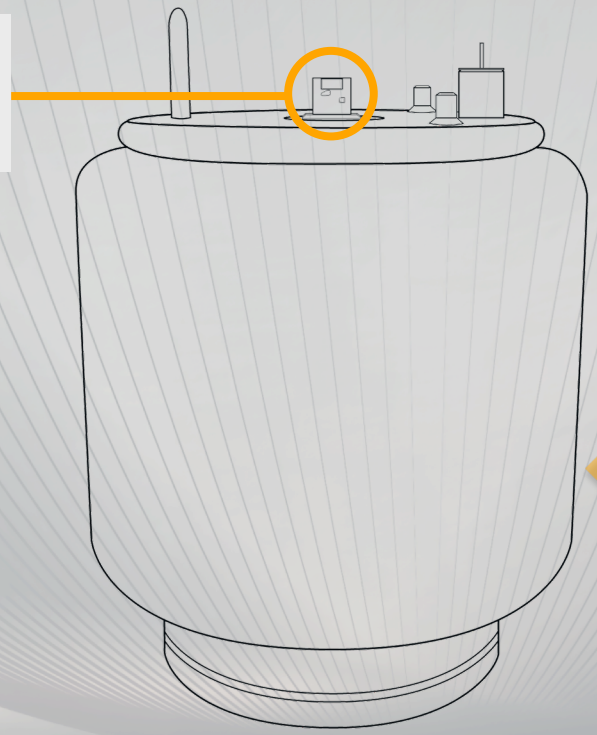


Smart Sensor Air Spring

Our Solution – Sensor integration

TechShow

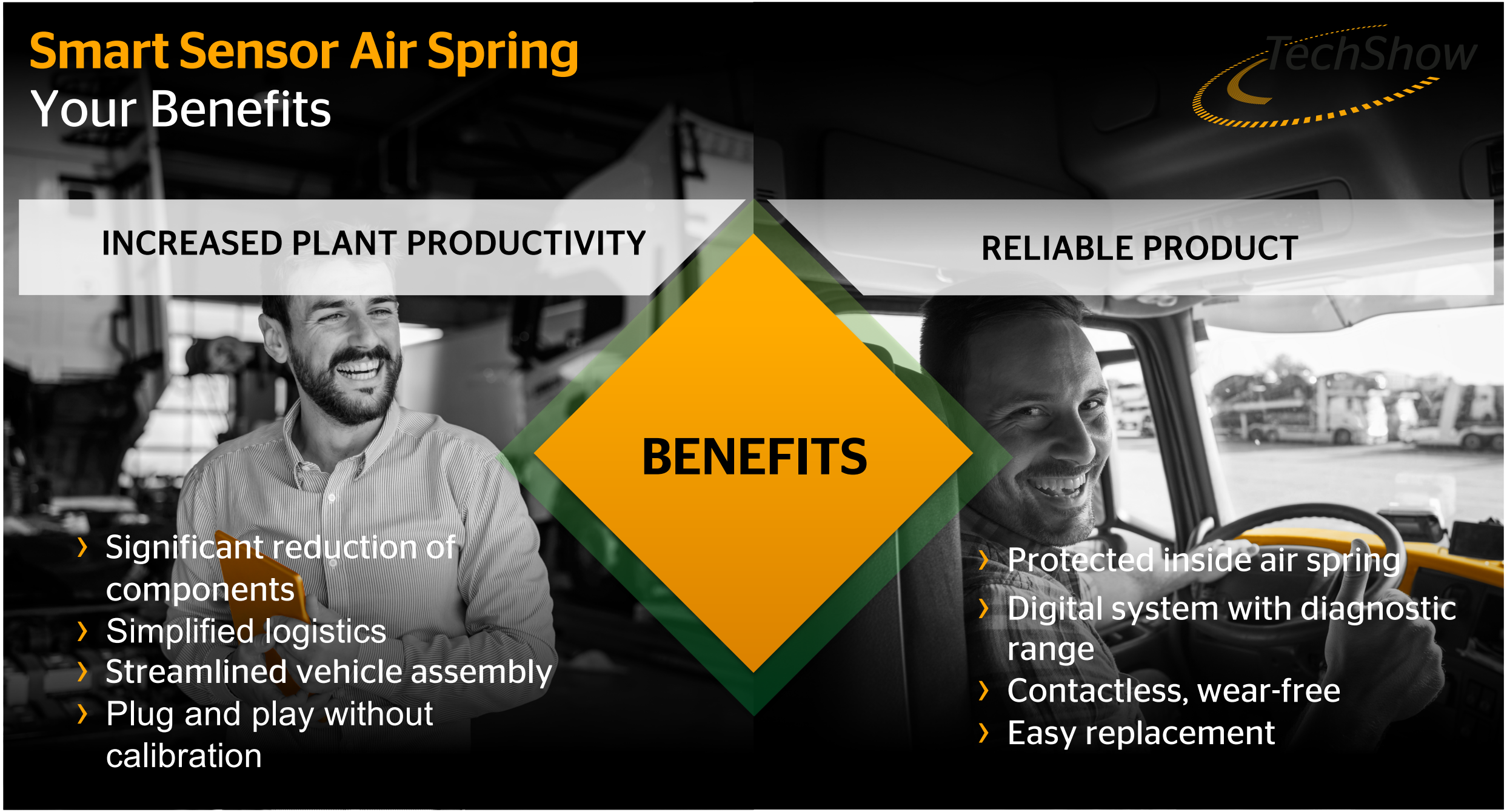
UHPS – Ultrasonic Height & Pressure Sensor



- Contactless and wear free ultrasonic technology
- Plug & Play solution with integrated height and pressure sensor
- Reduction of conventional mechanical components and wiring harness handling
- Enabler for future smart service solutions and autonomous vehicle control

© Continental AG

Smart Sensor Air Spring
Your Benefits



INCREASED PLANT PRODUCTIVITY

- Significant reduction of components
- Simplified logistics
- Streamlined vehicle assembly
- Plug and play without calibration

BENEFITS

RELIABLE PRODUCT

- Protected inside air spring
- Digital system with diagnostic range
- Contactless, wear-free
- Easy replacement


Thank you!