A World of Difference

Creating Value for OEMs and Fleets Through Advanced Technologies

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About WABCO

A leading supplier to the commercial vehicle industry

GLOBAL TECHNOLOGY LEADER
In the commercial vehicle industry

$2.9 BILLION
Sales in 2014

11,400 EMPLOYEES
in 38 Countries; 1,800+ engineers

21 MANUFACTURING LOCATIONS
On 4 Continents
About WABCO in North America

**WABCO:**
- Hub for innovative technology
- Several industry firsts
- Industry-leading global connectivity
- Outstanding supply chain execution
- Dedicated engineering network

**Meritor WABCO:**
- Most comprehensive safety, efficiency offerings for trucks and trailers
- Superb application engineering and product support
- Extensive distribution and after sales support
Sustaining a pipeline of breakthrough innovations

WABCO Confidential and Proprietary
WABCO at MATS 2015

Applying technology to support OEM and Fleet needs

- Braking Systems
- Stability Control
- Collision Mitigation
- Accident Mitigation
- Accident Prevention

- Fuel Efficiency
- Emissions Reduction
- Energy Recovery
- Weight Reduction
- Maintenance Costs
- Driver Capability
WABCO Vision for Vehicle Safety

TailGUARD™  ESCsmart™ OnLane™  OnGuard™

Driver Behavior Monitoring
Lane Departure Warning

Electronic Stability Control  mBSP

Blind Spot Monitoring
Blind Spot Warning

Pedestrian Detection

Collision Mitigation

Today  2020  2025

Collision mitigation → avoidance
Driver behavior monitoring

Accident prevention
Active steering

Autonomous driving
Safety 360°

Striving for zero accidents

WABCO Confidential and Proprietary
Customers benefit from unique level of safety, scalability and cost efficiency

- Anticipating standard ESC regulations, mBSP™ provides an optimized system
- Compact design provides reduced weight, space and easy assembly
- Highest degree of standardization enables rapid adaptation to vehicle platforms and ranges
- Significant savings in development time and production costs

A revolution in braking system flexibility; major OEM contracts already signed
OnGuard™

Market leading CMS solution with ‘best-in-class’ radar technology

- Highest - selling ACC/CMS system in North America
- OnGuard fleets report:
  - 75 - 87% rear end crash reduction
  - 89% reduction in costs linked to such crashes
- Uses a long range, high precision, dual mode radar
- Complemented by ProView™ Fleet Performance Management System

THE WABCO DIFFERENCE
- Proven results with leading fleets
- Automated braking intervention when collision is anticipated

Over 80,000 WABCO OnGuard systems on the road

WABCO Confidential and Proprietary
OnGuardACTIVE™

The All Season System

Built on US market leading CMS solution

- Performs active braking on moving, stopping and stationary vehicles
- A superior 77GHz radar sensor significantly improves the accuracy of object detection
- Longer-range capability (up to 650 feet) allows earlier recognition of potentially critical situations with smoother braking
- Modular, scalable one-box-solution
- Performing in Europe since 2014

THE WABCO DIFFERENCE

- Superior performance in poor visibility conditions
- System enables earlier recognition
- Higher accuracy lowers false alarm rates

The benefit of extra seconds of warning time in critical situations

Reach is ~30% FURTHER than 24GHz sensors
Radar Performance Comparison

OnGuard accurately detects objects as far as 650 feet away.

**24GHz radar system**

- UNDETECTED OBJECTS
- Poorer distinction in short range detection field

**OnGuard ACTIVE™**

- 650 ft
- 500 ft
- 197 ft

OnGuard accurately detects objects as far as 650 feet away.
Better Performance Across Seasons

What a driver/camera sees

OnGuardACTIVE performs better in poor visibility conditions

Unseen vehicles by human eye or camera

OnGuardACTIVE™

- 650 ft
- 500 ft
- 197 ft
A Unique Solution

Fleet Solutions and Services for Truck, Trailer and Driver

- WABCO invested $20M in equity
- Expands current agreement beyond North America
- Joint product development agreement

Extending solutions to help fleets reduce costs
Hendrickson Integrates MAXX 22T – Trailer Air Disc Brake

Launch of lightweight trailer air disc brake system

• Long-term agreement offers a new trailer wheel-end solution

• Combines WABCO’s leading braking technologies with Hendrickson’s premier suspension and axle systems

• Contributes to a weight reduction of up to 100 lbs on tandem axle trailers

Benchmark in design, performance and efficiency
Pioneering Efficiency Technologies

Can Your Fleet Afford Not To?

SAVE UP TO 10%

1% ACC
Adaptive Cruise Control
Fuel Saving: 12.2gal/125,000mi
CO₂ saving: 2,690lbs

1% c-comp™
System Saver™
Clutch Compressor
Electronic Air Processing Unit
Fuel Saving: 370gal/125,000mi
CO₂ saving: 8,180lbs

2% IVTM™
Tire Pressure Monitoring
Fuel Saving: 150gal/125,000mi
CO₂ saving: 3,300lbs

3% OptiRide™
Electronically Controlled
Air Suspension
Fuel Saving: 470gal/125,000mi
CO₂ saving: 10,400lbs

3% AMT
Automated Manual Transmission
Fuel Saving: 528gal/125,000mi
CO₂ saving: 11,690lbs

EXPERIENCE THE WABCO DIFFERENCE

Calculation based on average fuel consumption of 18/492gal/325/000mi

WABCO Confidential and Proprietary
Continued Investment in North America

Charleston, SC

- $17M investment
  - Localize Air Disc Brake production
  - Expansion of world-class air compressor facility
  - New manufacturing site of 145,000 sq ft by Q1/2016

Rochester Hills, MI

- $1.5M investment
  - Advanced vehicle development, testing facility
  - Enhanced customer support
Welcome to WABCO

Meritor WABCO Ride-N-Drive Experience

- **OnGuard™**
  - Collision mitigation system
- **OnLane™**
  - Lane departure warning system

Please sign up at:
Booth 32805, South Wing
Kentucky Exposition Center

**March 26-28, 2015**

A World of Difference in vehicle safety *and* efficiency
Any Questions