Bitte decken Sie die schraffierte Fläche mit einem Bild ab.

Make the Digital Leap!

IAA Commercial Vehicles 2018
Continental Press Conference

www.continental-corporation.com

BUs CVT & CVAM
Make the Digital Leap in...

Urban Traffic

Fleet Office

Long-haul Transportation
Urban Traffic - Challenges

› Reducing emissions and noise
› Ensuring safety in dense city traffic
Urban Traffic
Right Turn Assist - Saving lives with state-of-the-art technology

Radar –
Today’s state of the art
› Good and proven object detection
› Good information on location and speed of VRU

Camera –
Boosting capture of radar system
› Good differentiation between pedestrians and cyclists

Artificial Intelligence –
Gesture recognition
› Estimating the behavior of VRU
› Further improvement of object detection
Fleet Offices - Challenges

› Optimizing total cost of ownership (TCO)
› Fast decision-making based on real-time data
› Handling complexity
Fleet Office
The Smart Tachograph is coming – Continental is ready

New features from 06/2019

› Dedicated Short Range Communication (DSRC)
› Global Positioning System via satellite
› ITS Interface
› New KITAS 4.0 encoder and new encryption standard EAL 4+

Technical Opportunities

Certified development, components, prod. & life cycle
Qualified training
Certified workshops
Fleet management software
Trusted data for third parties, e.g. insurance companies
Fleet Office

TCO: Increase vehicle uptime with TruckOn

Workshops

- Promote services online and reach new markets
- Increase operational capacity and increase sales
- Reach potential new customers and gain long-term loyalty

Fleets

- Find the best workshops in just one click
- Improve fleet performance by making best use of driver rest times
- Book online 24/7

Book online 24/7
**Fleet Office**

Continental’s digital tire monitoring

- **Fleet Office**
  - Proprietary display + cable
  - **ContiPressureCheck™** Integrated
  - Telematics display + app
  - **ContiConnect™** Driver App
  - Mobile device + app
  - **ContiConnect™** Live

- **Driver Cabin**
  - Proprietary display + cable
  - **ContiPressureCheck™**
  - Telematics display + cable
  - **ContiPressureCheck™** Integrated
  - Telematics display + app
  - **ContiConnect™** Driver App
  - Mobile device + app
  - **ContiConnect™** Live

- **Fleet Yard**
  - Yard reader station
  - **ContiConnect™** Yard

*Transmission via GSM = Global System for Mobile Communications*
Fleet Office
Continental’s digital tire monitoring roadmap

ContiPressureCheck™ Integrated

2013  2014

_____ Single-vehicle monitoring _____
Fleet Office
ContiPressureCheck™ Integrated with 36 telematics providers

Americas
- GeoTab
- PeopleNet
- Road Ready
- Zonar

EMEA*
- Astrata
- AutoGRAPH
- CMS SUPATRAK
- CVSmobile
- Daimler FleetBoard
- frameLOGIC
- GPSauge
- iTrack
- lostnfound.com
- mix TELEMATICS
- Ruptela
- SATLOG

APAC**
- ASTRATA
- DTC
- GT&T/GPLS
- Gussman
- OneLink
- Quantum Inventions
- Right on Track
- Sensel

* EMEA = Europe, Middle East & Africa
** APAC = Asia Pacific
Fleet Office
Continental’s digital tire monitoring roadmap

ContiConnect™ Live

ContiConnect™ Driver App

ContiConnect™ Yard

Integration

In-vehicle devices

2018 — 2019

Multiple-vehicle monitoring
Fleet Office
Partnering is key

ContiConnect™ Live

Tire Sensor
Central Control Unit
Bluetooth Dongle

Continental Backend
Web Portal

Launch in Q2 2019

ContiConnect Driver App
Long-haul Transportation - Challenges

› Maximizing uptime and saving fuel costs
› Reducing traffic congestion
› Handling new regulations, e.g. VECTO and safety features
Long-haul Transportation
ContiConnect slow leak detection

Tire Pressure

- 100%
- 90%
- 80%

Pressure loss incident

Warning

Pressure monitoring with traditional TPMS

Algorithm-based detection with ContiConnect

Launch in October for first test customers
Long-haul Transportation
Environment model: Premiere at IAA

Key precondition for HAD

› Highly reliable environment model
› Combines radar, LIDAR, camera and other sensors
Long-haul Transportation
HAD supplier cooperation: Continental and Knorr-Bremse

› HAD solution is a turnkey-ready system
› Fast integration and extremely reliable
› First use cases: Platooning with key L4 elements, Highway Pilot
Long-haul Transportation
Roles and setup

Continental
- LR/SR Radar
- LIDAR
- Camera
- V2X
- eHorizon

Knorr-Bremse
- Grid / Object Fusion (ADCU)
- Environment Model
- Trajectory
- Motion Control (Dynamic)
- Brakes
- Powertrain
- Steering

Sense Plan Act
Visit us in hall 17 at booth A06/B11
Greenfield Clinton, USA:
New truck tire plant in Mississippi

Taraxagum Lab Anklam, Germany:
Tires made from dandelion rubber
Top products as backbone
e.MotionPro

› Concept study for eTrucks
› Mounted on electric truck MAN CitE
› Individualized tires and technologies for CV manufacturers
Thank you!

Download our press kit (EN+DE), incl. this presentation, at:
www.continental.com/iaa-commercial-vehicles