

Exhibition-Overview

Bosch at the IAA 2019



BOSCH

Invented for life

IoT Shuttle



Technology overview

- Perfectly Keyless
 - Servoelectric
 - eAxle
 - High precise localization for automated driving
 - Road Signature
 - Vehicle motion and position sensor
 - Predictive road condition services
 - 360° surround sensing
 - Key Management Solution “Secure Firmware Updates Over-the-Air” (FOTA)
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- CycurACCESS
 - Predictive Diagnostics
 - Fleet and Vehicle Management Platform
 - Convenience Charging
 - Community-based Parking
 - Connectivity Control Unit (CCU)
 - Interior Monitoring
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- Human-machine interface
 - In Vehicle Displays
 - Services for shared autonomous driving
 - ePayment Solution
 - Vehicle Computer and Vehicle Runtime Environment
 - Seat Drives
 - Thermal Management
 - Door Actuators

Topics



Connected mobility

HIGHLIGHTS:

- 3D-Display
 - Curved Display Instrument Cluster
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- Automated Depot
 - Community-based Parking
 - Cloud-based wrong-way driver warning
 - mySPIN for passenger cars
 - Perfectly Keyless
 - Interior monitoring systems
 - V2X Connectivity Control Unit
 - Vehicle Management solution
 - Vivatar drive
 - Predictive road condition services



Automated mobility

HIGHLIGHTS:

- Video camera generation 3
 - Automated Valet Parking
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- Vehicle motion and position sensor
 - Driver assistance system domain controller (DASy)
 - Predictive emergency braking system
 - Radar sensor Generation 5
 - Electric power steering system



Powertrain systems and electrified mobility

HIGHLIGHTS:

- Fuel Cell
 - Rolling Chassis
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- 48V-System
 - Exhaust-gas treatment with double-injection technology
 - Gasoline direct injection
 - Common-rail-system with solenoid injectors
 - Thermal management for hybrid systems and electric drives
 - Immission Monitoring System (IMBB)
 - eBike
 - eScooter
 - High-voltage electric drives
 - High-voltage hybrid
 - Battery in the cloud service
 - Connected Services – Web-based validation (PLCS)



Personalized mobility

HIGHLIGHTS:

- Convenience Charging
 - Perfectly keyless
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- Coup eScooter Sharing
 - SPLT