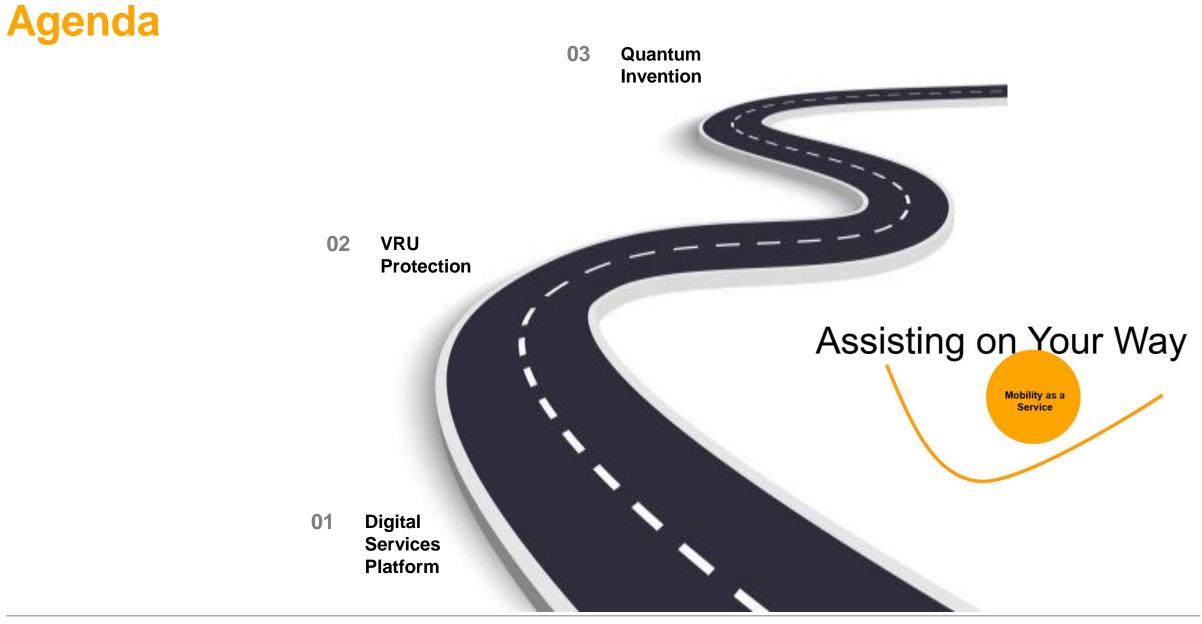


Smart Mobility Services @ Continental Veranstaltung des Bayerischen Wirtschaftsministeriums

zum Thema "eMobilität/Smart Mobility" (Ungarn)

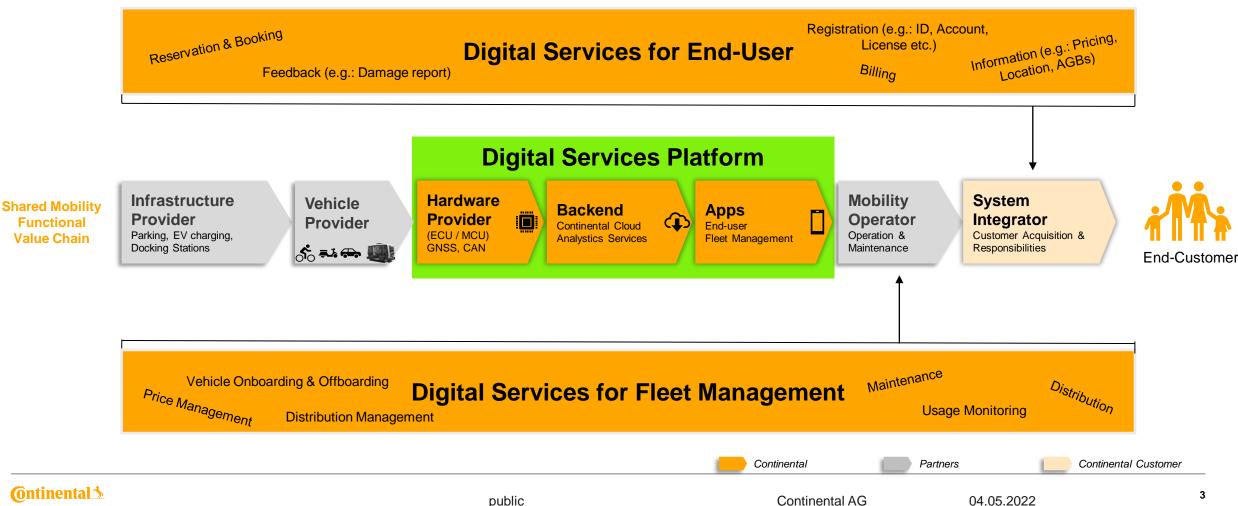
4. Mai 2022



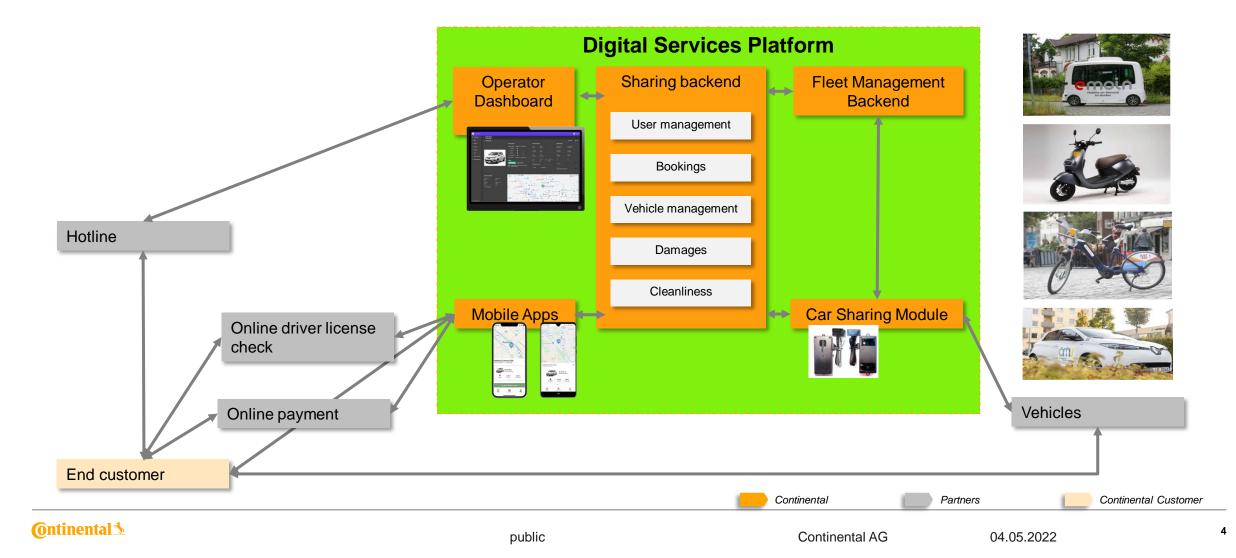
@ntinental **☆**

Digital Services for Shared Mobility Value Chain





Architecture Technologies & Use Cases



Achievements Market Entry



public

Continental AG Continental AG

04.05.2022

5

Current Activities ... to achieve Skaling

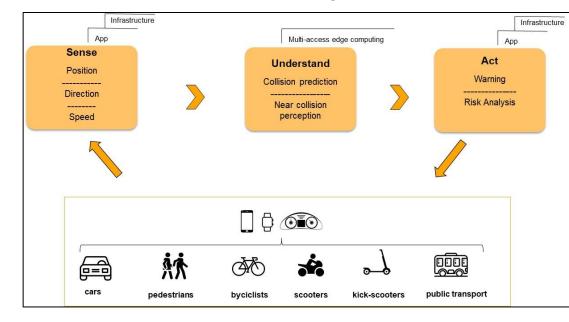
Market Differentiation

Use Case Extension

Cooperation Customers/Partners

Vulnerable Road User Protection Solution Description

- Digital protective shield for road users
- Real-time collision warning protects particularly vulnerable road users such as pedestrians, cyclists and scooter drivers
- Cloud application does not require any separate hardware and can be integrated into smartphone apps





Pedestrian - Shuttle







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Achievements Product Validation



Current Activities ... to achieve Skaling

Integration into other solutions

PPP project opportunities

Cooperation Customers/Partners

QUANTUM INVENTIONS

---mobility intelligence---

A company of Continental corporation

Overview & Introduction

Quantum Inventions



QI functions in two related business areas that cover a wide slice of mobility & transportation

Quantum Inventions; digital infrastructure for the future of mobility

Fleet Mobility as a Service

- GPS fleet tracking: usage, speed and vehicle data
- Web fleet platform with dashboard for fleet optimisation / management
- Connected vehicle data tracking for performance and security monitoring
- Safe driving & fleet monitoring solutions
- Fully owned customisable multi-platform navigation
- Logistics dispatch integrated with routing, navigation and fleet tracking
- Management & optimisation: Total Cost of Ownership

FLEET MOBILITY

Smart Cities

- Modular & configurable platform solving transportation problems for cities
- Mobility data management
- Real-time traffic & transport information
- Technologies for congestion management
- Online and real-time dynamic routing systems
- Digital car key and vehicle sharing
- Scalable from nano-cities to mega-cities
- Autonomous Vehicle Fleet Management Systems ("AVFMS")

SARTCITIES







Government

Enterprise



Fleet owners / operators

Quantum Online Routing System

High-performance routing engine that enables dynamic data utilisation for mapping, route optimisation, way-finding and dispatch

TR:P Transport Information Platform Transport information platform that incorporates state of the art techniques to efficiently process real-time dynamic data for enabling intelligent transportation use cases in traffic and data management **Smart Cities** offers a modular and configurable platform to enable intelligent transportation systems.

Backed by data processing systems & services that provide customised solutions to government and enterprises for traffic data creation, data fusion, delivery, and data analytics towards optimisation in urban mobility.



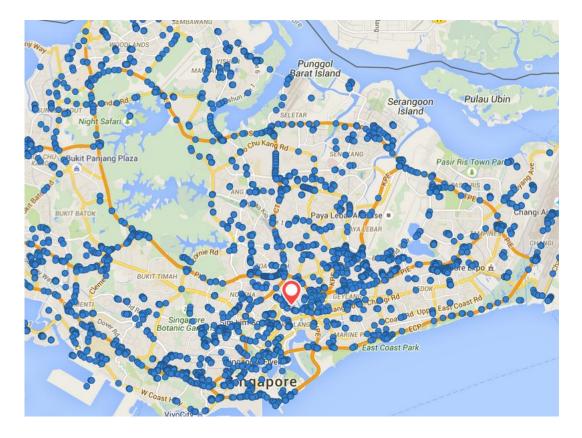
Core Technology: Quantum Online Routing System (QORS)

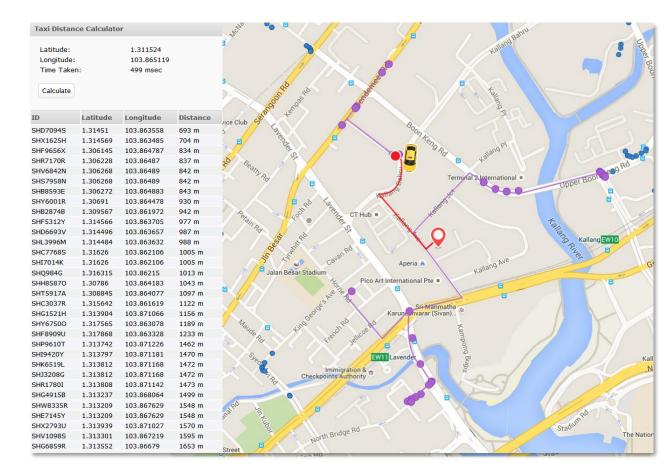
State of the art routing platform for dynamic routing based on multiple static and dynamic criteria



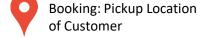


Routing for smart dispatch of taxis/ ride-hailing On-premise or available as an API





Live GPS Location of Entire Taxi Fleet



OUANTUM INVENTIONS

Multi-vehicle route optimisation for fleets

On-premise or available as an API

