The solution for autonomous on demand platform

Oslo - 13th of June 2022

Our vision:

To connect people and shape the future
of local public transport.

Ready for the Future as of Today

**Driver-based
on-demand service**

Regional operation

**Area-wide
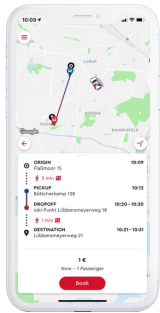offer & network**

Autonomous driving
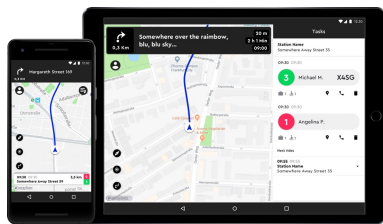
**Operations in
rural areas**

**Operations in
suburban areas**

**Fully autonomous
in individual public
transport**

ioki connects today's transportation with tomorrow

Driver

Autonomous with Safety Operator

Autonomous with TeleOperations

ioki is your partner for autonomous on demand platform

Passenger app

Steward app in the vehicle (optional)

Control centre
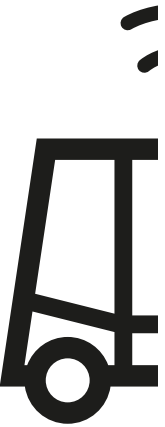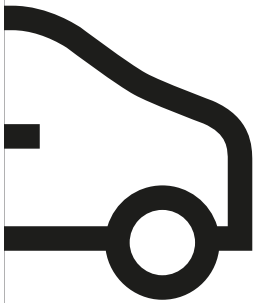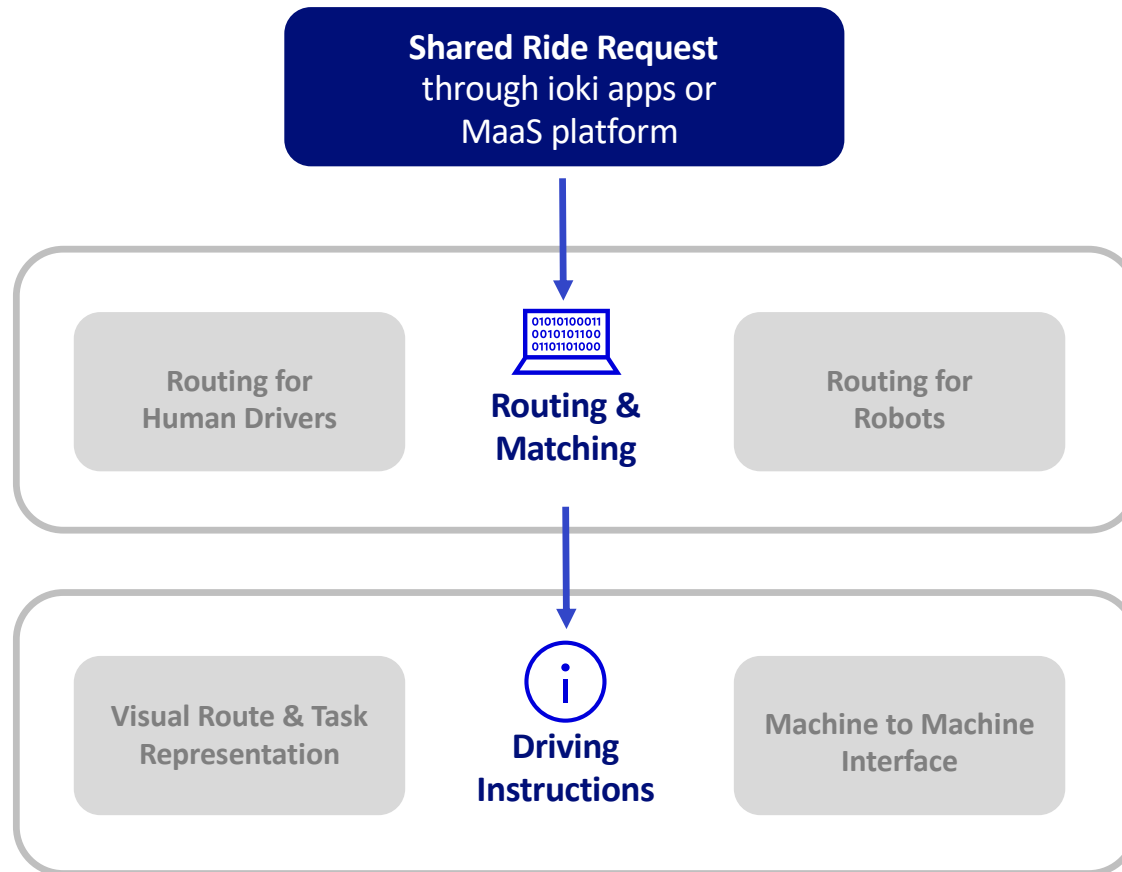
Intelligent back end

Reporting tool

IT platform is designed for mixed fleets: driver and driver-less

Shared Ride Request
through ioki apps or
MaaS platform

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Routing & Matching

Routing for Human Drivers

Routing for Robots

(i)

Driving Instructions

Visual Route & Task Representation

Machine to Machine Interface

Vast experience in autonomous projects

First Autonomous Shuttle in Germany

ioki launches the first self-driving scheduled bus on German roads in Bavaria with DB and EasyMile

Project See-Meile Berlin
The "See-Meile" project in Berlin, conducted together with Berlin transport company BVG, sees the first highly automated public service vehicle drive on the public roads of a large German city

EVA Shuttle Karlsruhe
Integration of an autonomous on-demand service in local public transport; collaboration with partners including the FZI Research Center for Information Technology in Karlsruhe

2018

BVG EUREF Campus
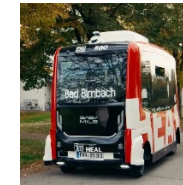ioki operations on the EUREF Campus in Berlin together with BVG

2019

2020

Bad Birnbach Last Mile
Autonomous shuttle in Bad Birnbach connects the last mile between the railway station and the town centre
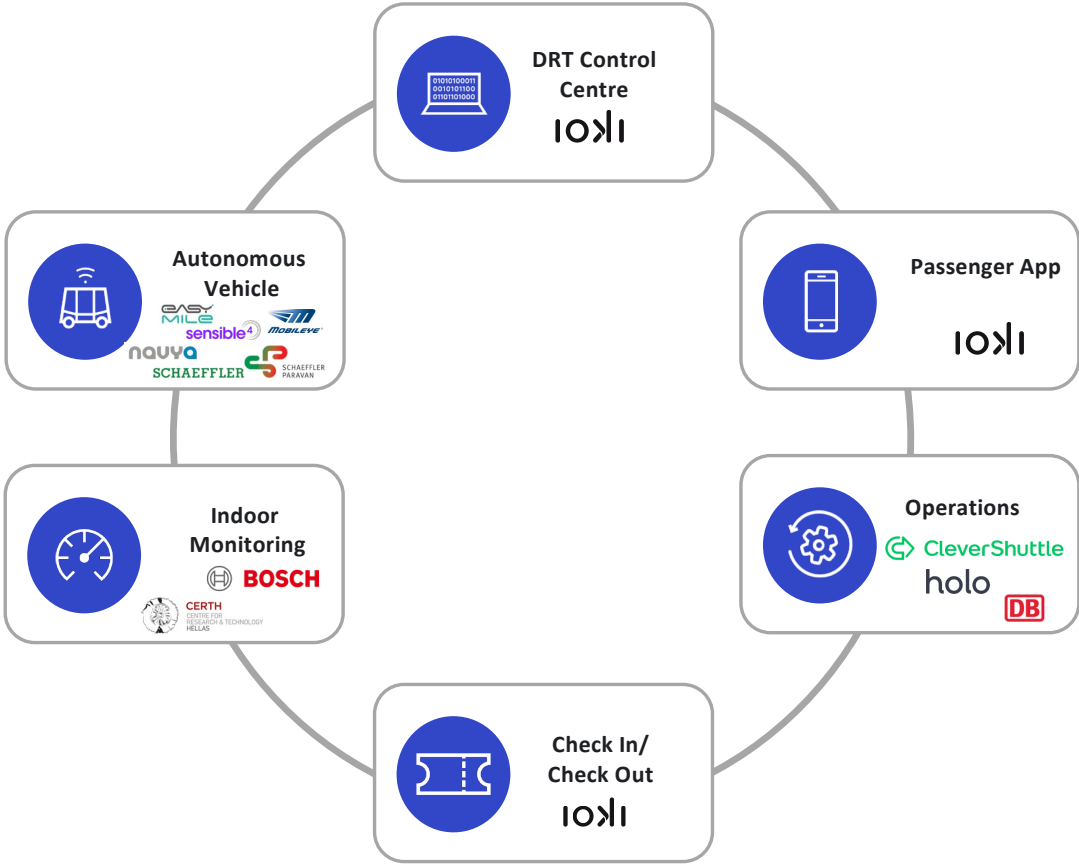
2021

2022

Project HEAL
Enabling autonomous DRT service via MaaS App integration in Birnbach, Germany

Project Avenue &
Integration of Navya autonomous shuttle in Geneva, Switzer-land

IOKI

Deep network in the autonomous industry along the value chain

Key capabilities required for taking DRT to next level

- **Mobility Analytics Autonomous:** analysis autonomous mobility area, stop definitions, AV quantity definition
- **Passenger Experience**: integration indoor care processes
- **Autonomous-Specific Routing**: area-specific settings, vehicle-specific settings and individual routing profiles for areas such as airports
- **Task Calculation:** Real time task calculation to enable autonomous pooling use case
- **Mixed Fleet**: ioki platform technically designed to manage both driver and driver-less fleets
- **Public Transport Integration**: fully embedded in public transport
- **MaaS Readiness**: deeply integrated booking scenarios through MaaS Apps enabled
- **Telemetry Data**: pre-screening and telemetry analysis data

Let's build a better future – together.

ioki

DIGITAL PUBLIC TRANSPORT

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