

### INVISIBLE

TICKETS

## I A V I S I B L E



A digital ticketing innovation venture

in collaboration with a leading European bank

#### We see a huge opportunity.

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Experience

Consumers demand a seamless mobile experience on all modes of travel.

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Digitisation

The mass digitisation of ticketing and payment is happening, the smartphone is the new travelcard.

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Infrastructure

Evolving ticket infrastructure is costly and time intensive.

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Interoperability

Current ticket solutions restrict cooperation between operators across borders.

#### Our solution

Invisible Tickets is a hardware free, digital ticketing solution.

Using the sensors in your phone we see where you travel and invisibly charge for your trip based on where you've been.

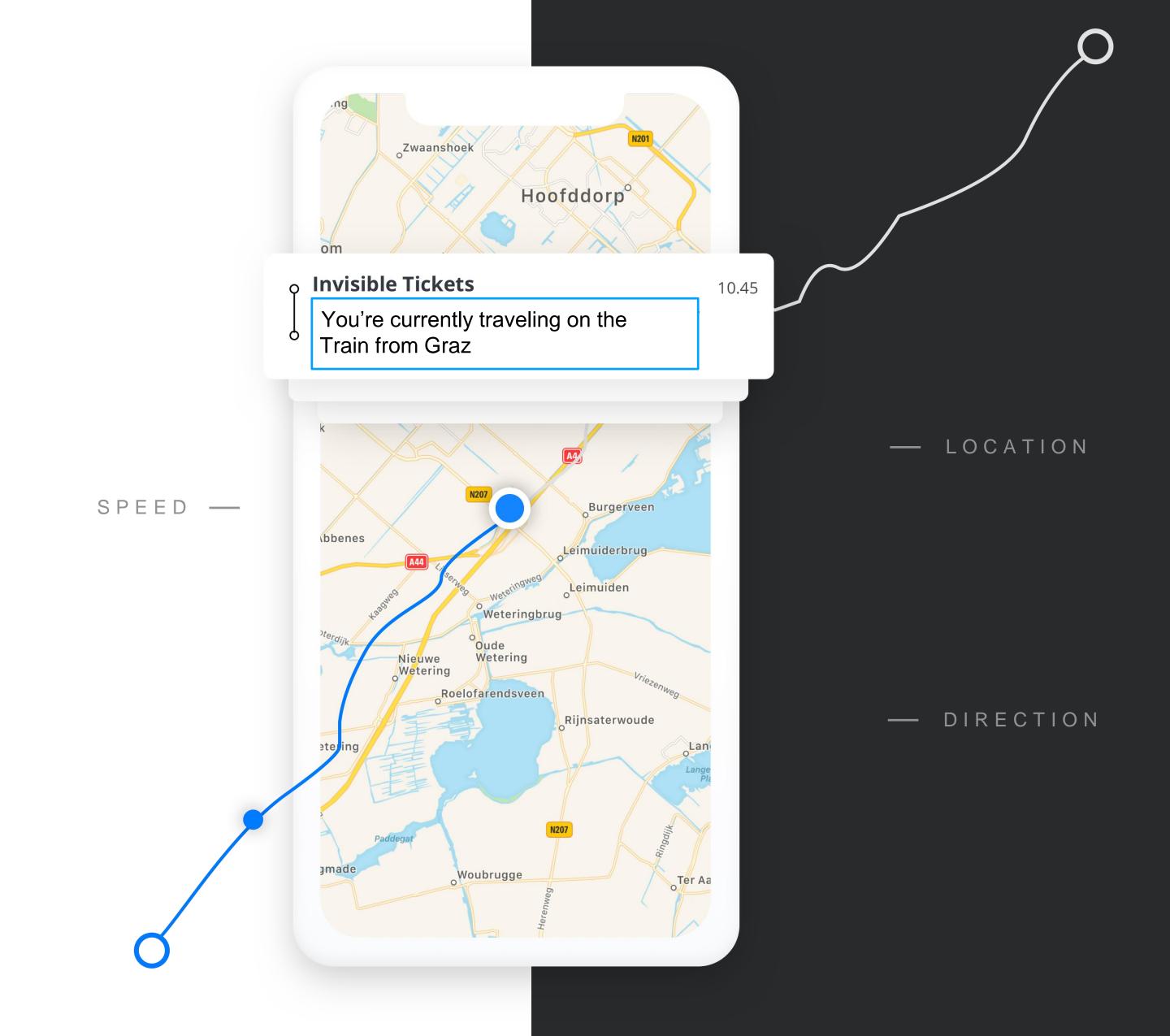
- Pay per use
- 100% smartphone based
- Be in and Be Out system.
- Fast, cost efficient and scalable implementation



# Journey recognition

Journeys are recognised through phone sensor, GPS, and GIS data.

- No user interaction required
- No additional infrastructure needed (beacons, etc)
- Recognises mode of transport in real time
- Enhanced by public data like realtime travel schedules and Open WiFi
- Built to tolerate temporarily poor or absent GPS signal or internet connection



#### A seamless journey



WINVISIBLE TICKETS

Travels on Train

17:33

You're currently travelling on the Train **©BB** from Graz

WINVISIBLE TICKETS

17:49

Arrives at Graz Train

Station

App tracks user

Vienna

Leaves Train station

App logs end location

**ØBB** You just travelled from Graz to Vienna. You are charged: Eur 9.50

App tracks user's location and records start station

Arrives at work App charges user invisibly

01. User leaves home





#### We know it works.

We've completed our first nationwide pilot with Nederlandse Spoorwegen (NS), the market leader in The Netherlands

Over 100 participants were able to travel nationwide on trains using Invisible Tickets.

100%

Netherlands rail network covered

2321

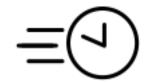
journeys taken by testers



Partnered with NS

#### What we offer

Direct benefits for transport operators.



Time to market

No hardware investment means we can release new products and offers at the drop of a hat.



Seamless integration

Plug and play compatibility with existing Pricing,
Subscription and Ticket APIs.



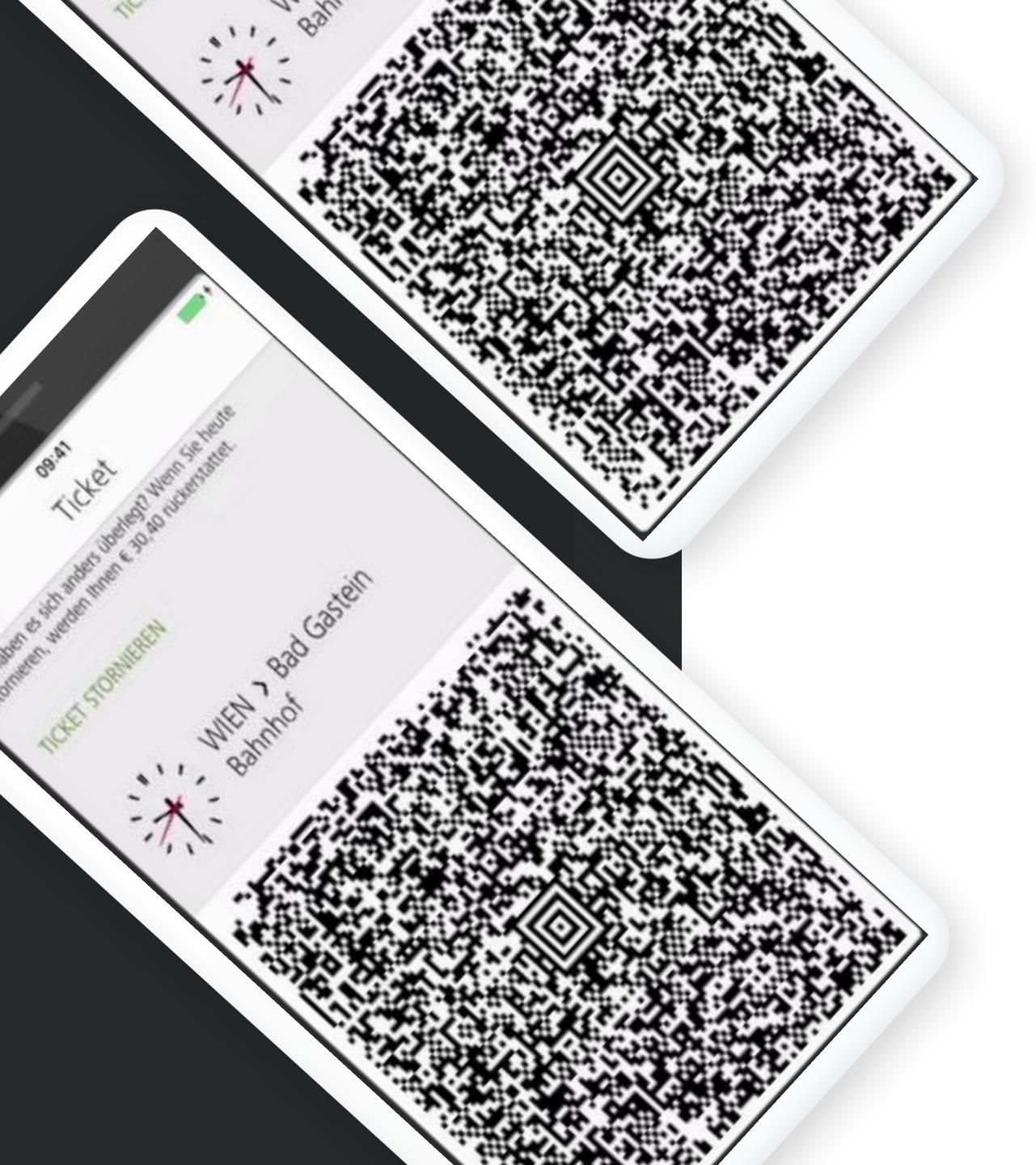
Customer insights

Unique travel behaviour insights empowers operators to deliver tailored offers and products.



Global reach

Being decoupled from hardware enables an inter-operator solution out of the box.





#### Ticket tokens

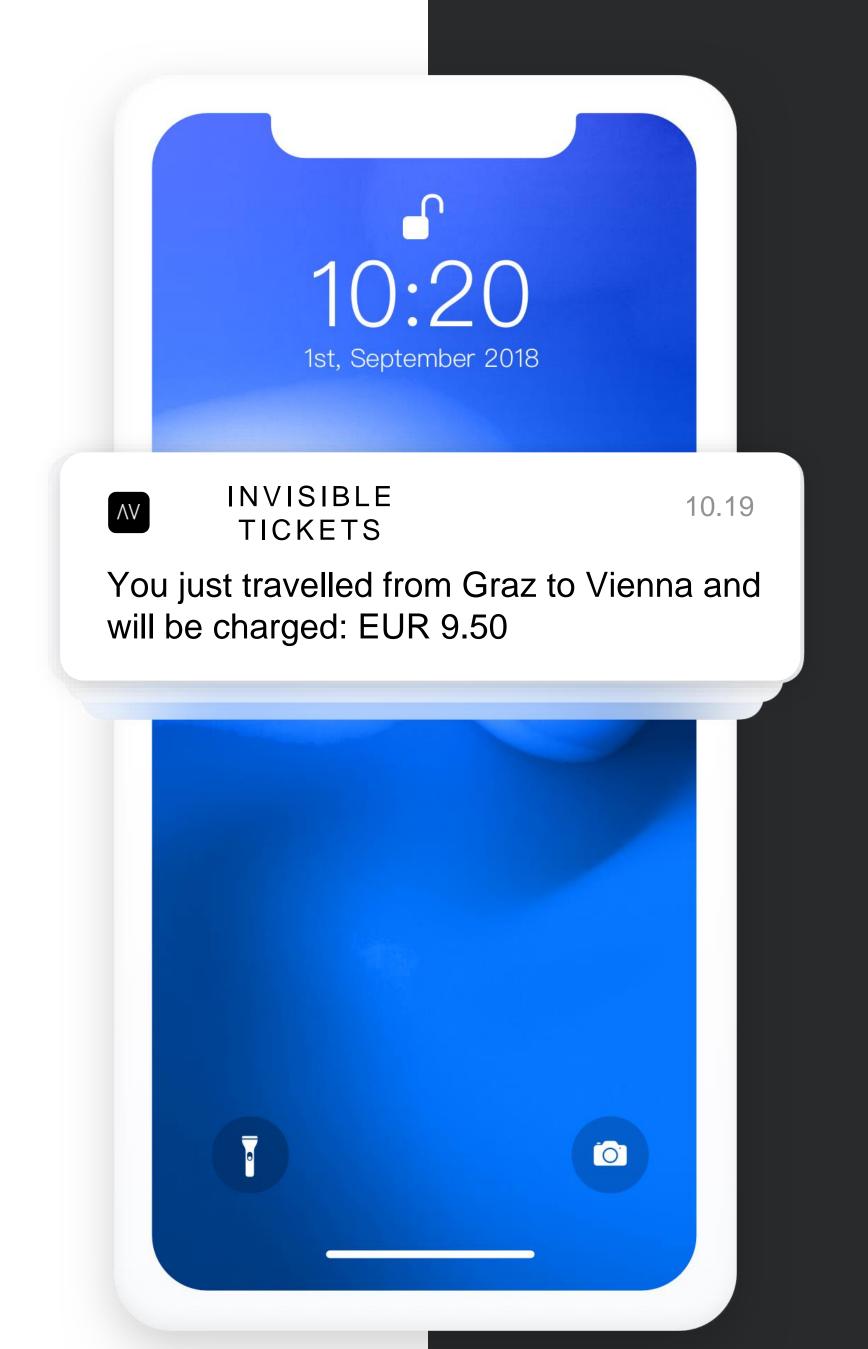
We are able to integrate OBBs daily token allowing passengers to open station gates if required and works for ticket inspection.

- Currently, we support barcodes, and we are investigating the support of NFC and Bluetooth
- KYC in the on-boarding flow helps mitigate the risk of missed revenue
- Tokens can be disabled if we detect misuse

# Payment integration

Pay as you go model: customers are charged only after they have travelled.

- Seamless payments that don't require user interaction
- KYC makes the on-boarding of a new passenger secure
- We operate a multi-merchant platform and we take care to transfer revenue to each recipient in a secure and reliable manner

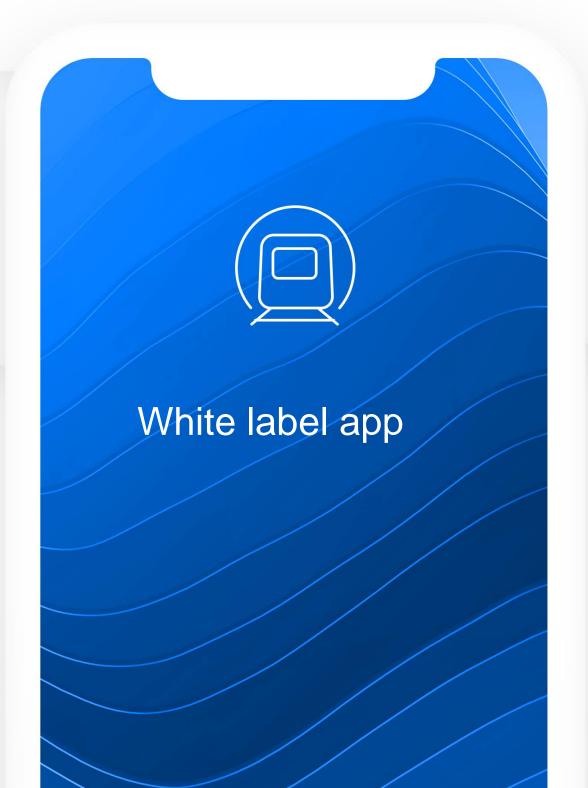


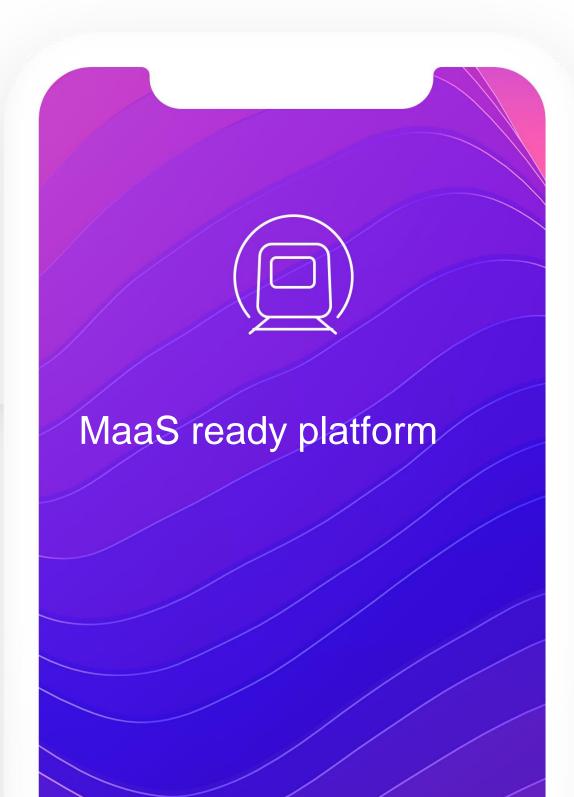
#### Flexible Implementation

Invisible Tickets can be deployed in several different ways









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THANK YOU