



Mobility Made Easy

Digital Solutions for Seamless Transportation

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Management VAO GmbH

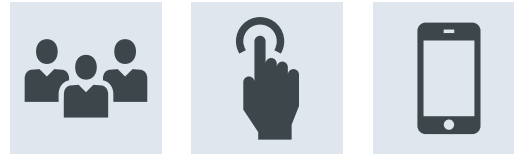
Management ARGE ÖVV OG

[siemens.com/integrated-mobility](https://www.siemens.com/integrated-mobility)

Operating System for Mobility

Passenger App

Driver App



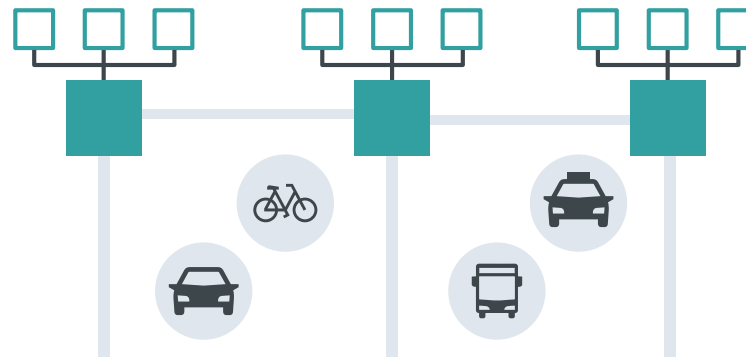
Control

Holistic Applications



Feeder Systems

DRT-Busses etc.

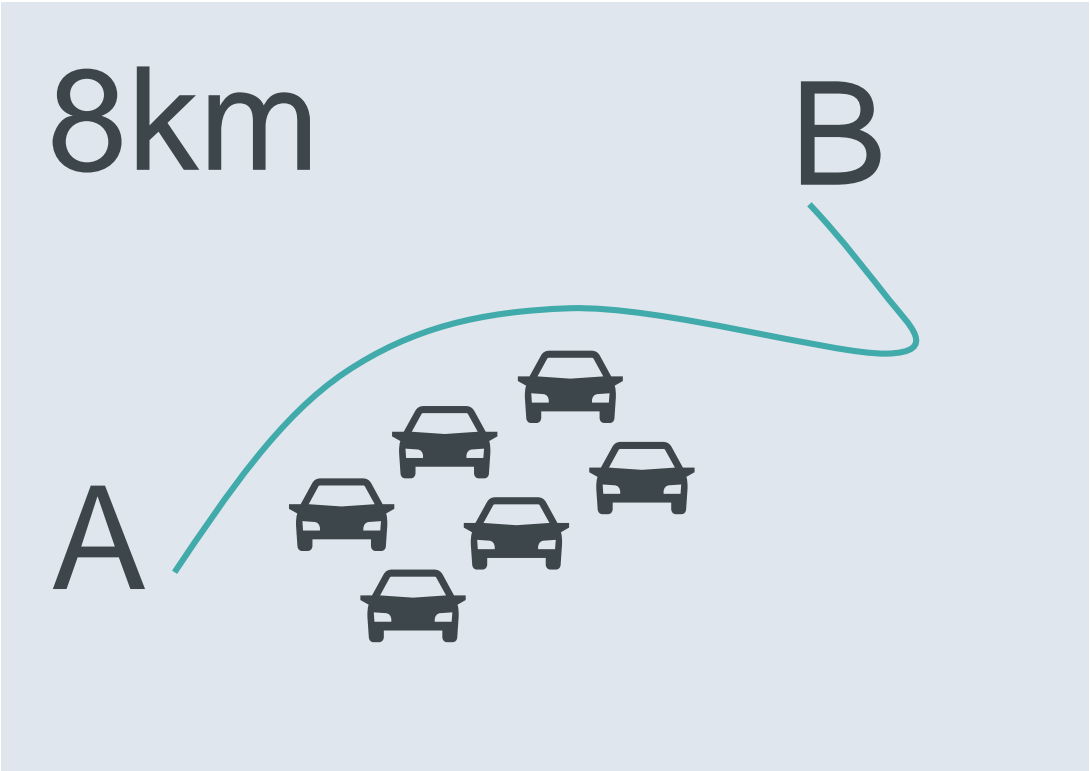


Backbone
Rail Transit

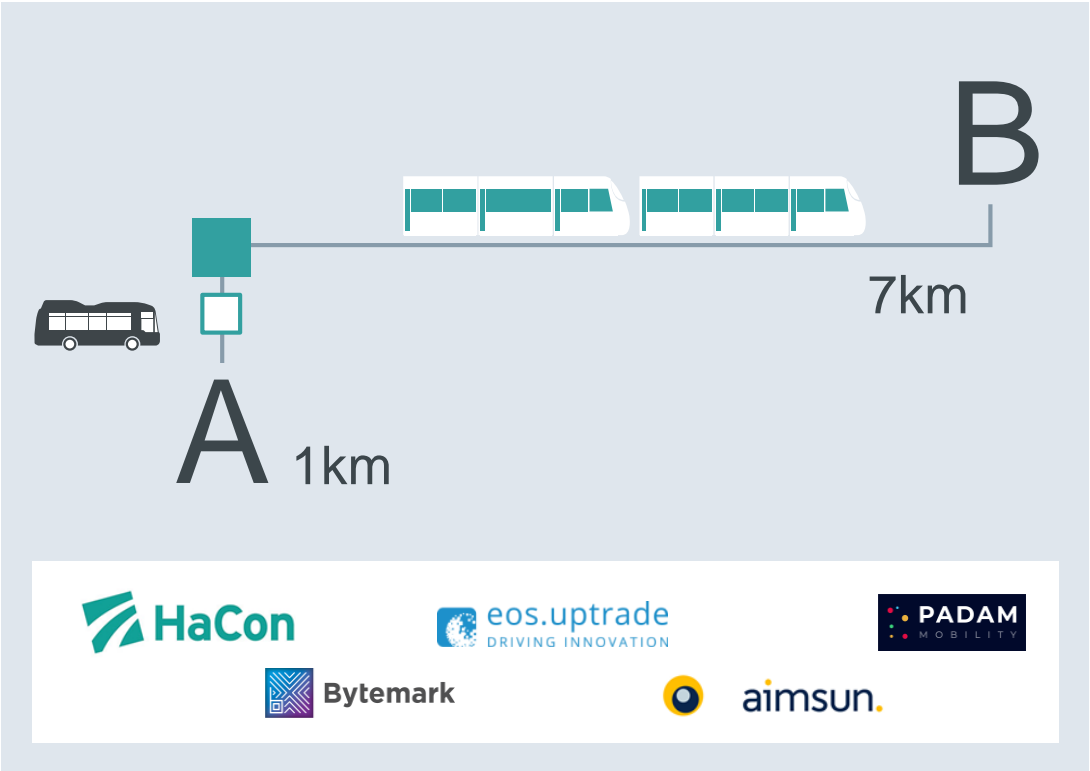
UBER and Siemens Mobility



What **UBER** provides

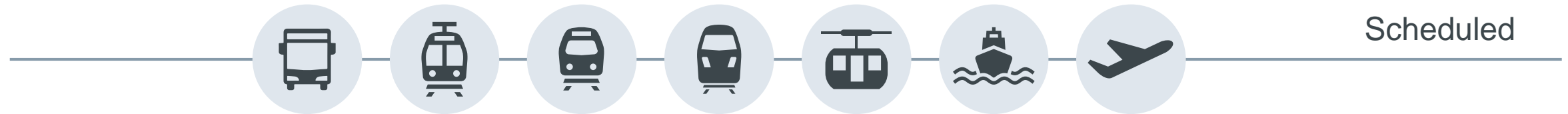


What **SMO** offers

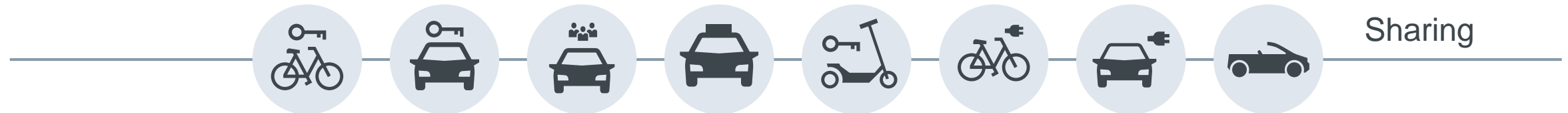


New business models like Mobility as a Service, are fed by the integration of as many transport options as possible

Public Transport



Individual Transport

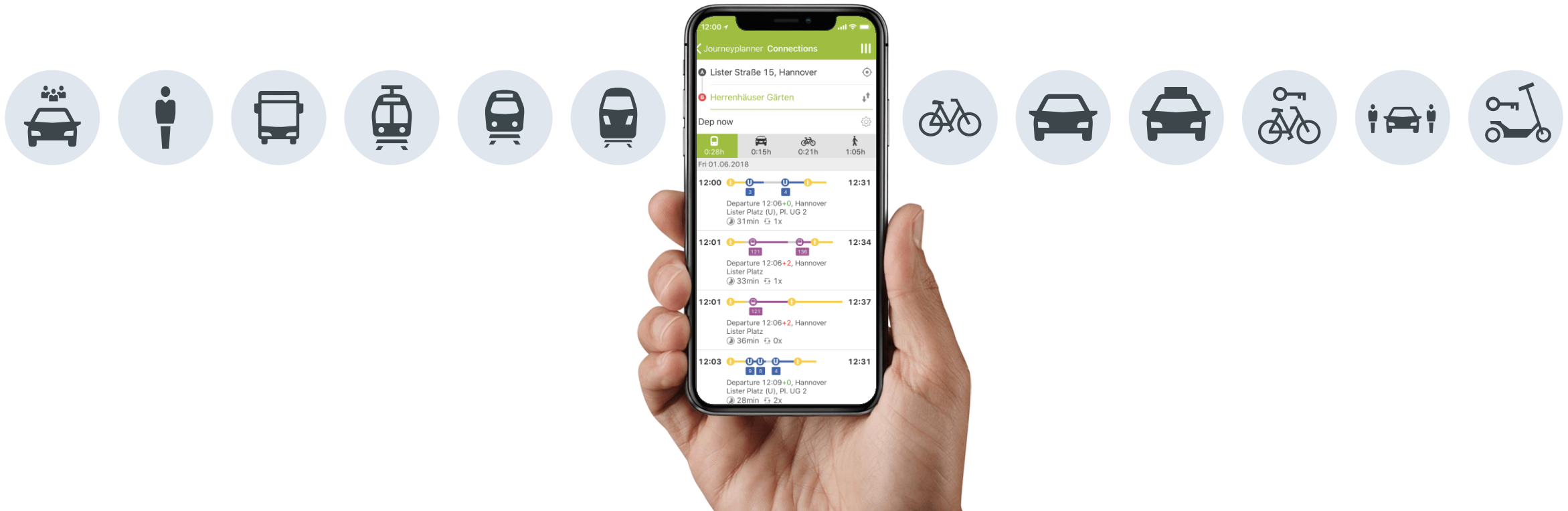


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With easy access to flexible and reliable mobility services, inter-modal travel can create an alternative to individual car usage

One single app



VAO

An intermodal, nationwide traffic
information system

In real-time



Verkehrsauskunft Österreich (VAO) is the official nationwide information for mobility in Austria



Owners VAO

Goals VAO

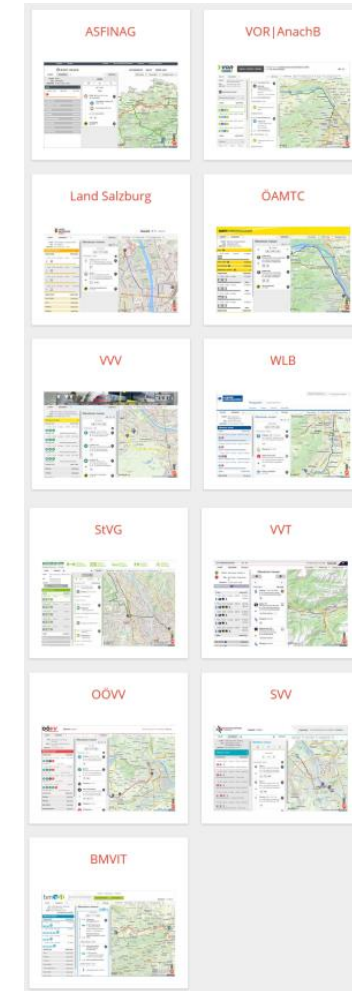
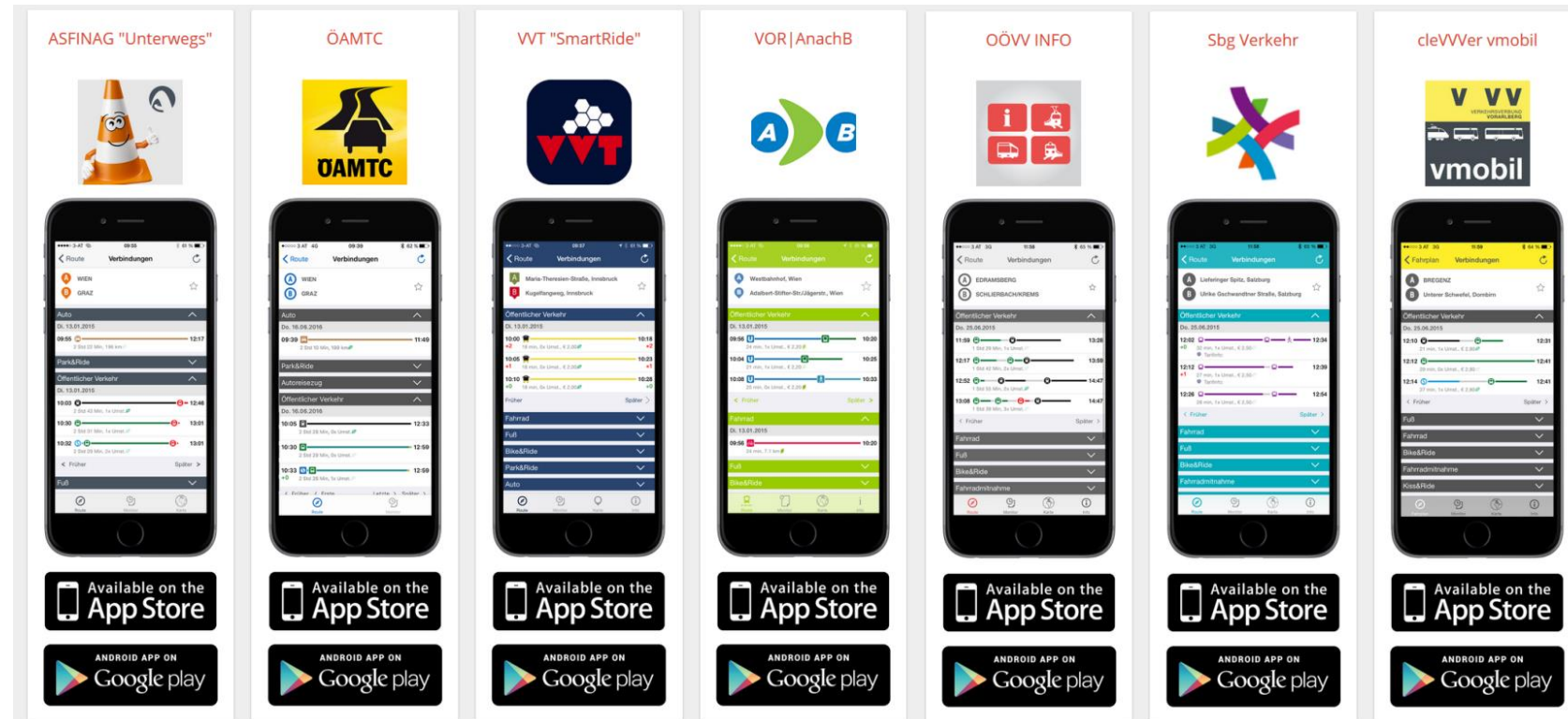
- Operator Routing
- Integration
- Freedom from discrimination
- Completeness
- Intermodality
- Quality



VAO – Apps and Web Kit for Owners and Partners

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Examples



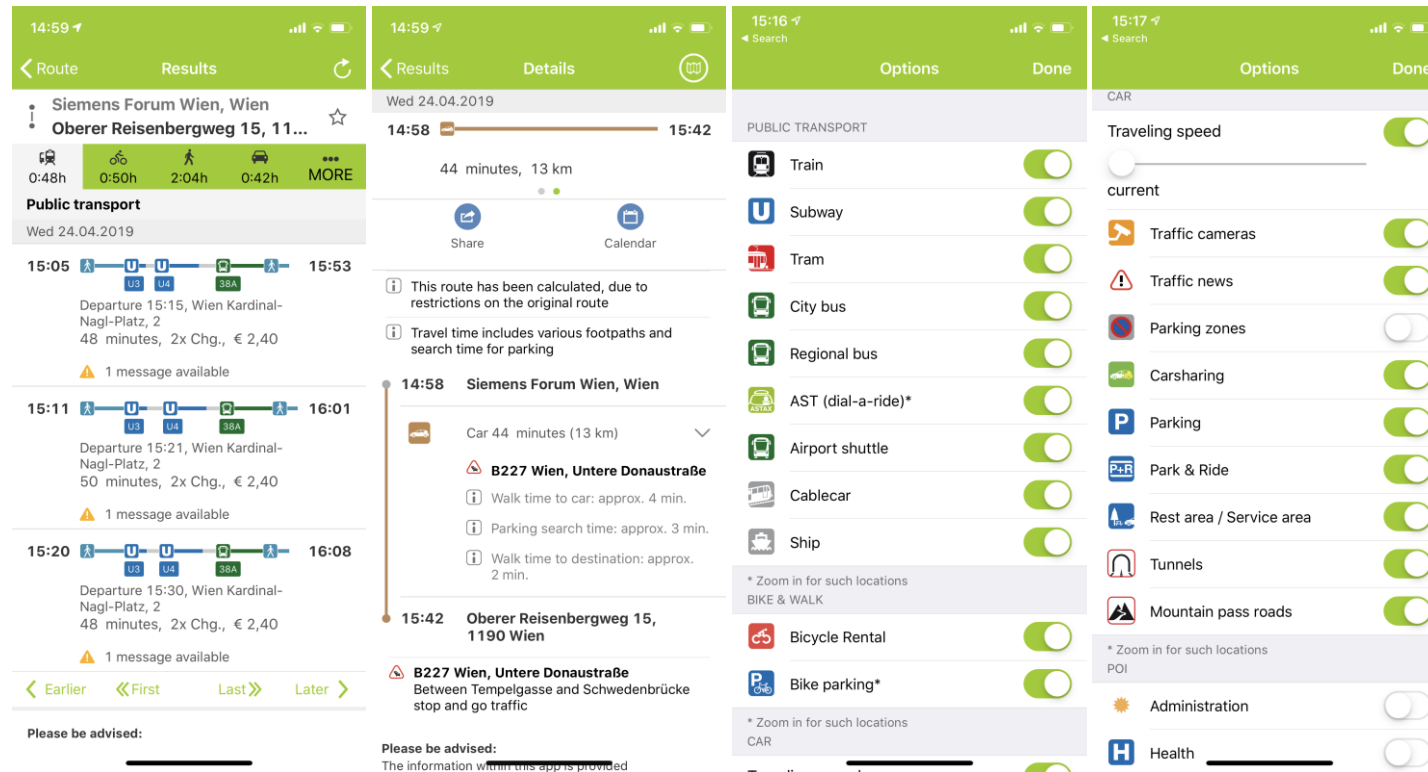
VAO provides access to a comprehensive set of services



Real-time Information

For Private and Public Transport

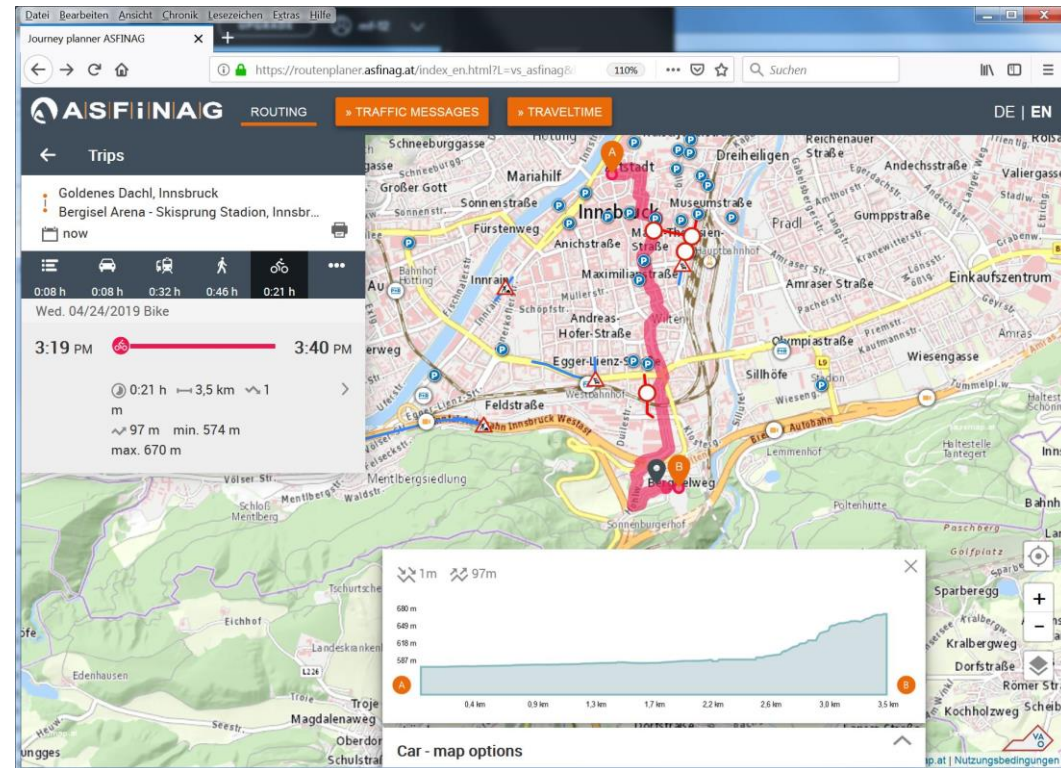
- Timetables and Tariffs
- Road Network
- Dynamic Notifications: Roadworks, Traffic Situation
- Forecasts
- On-demand Services



Special content complements the VAO offering with value-add for tourism in Austria

Points of Interest

- Cycling Infrastructure
- Bike Stands
- Rental Bikes
- Lay-bys/Service Stations
- Taxi Stands
- Addresses
- Short-term Parking Zones
- Carparks and P&R Facilities



How does VAO work?

Business
Customer



White Label Solution,
Web Frontend, APP, XML

Data
Processing



Public Transport Router,
Private Transport Router,
Intermodal Interface

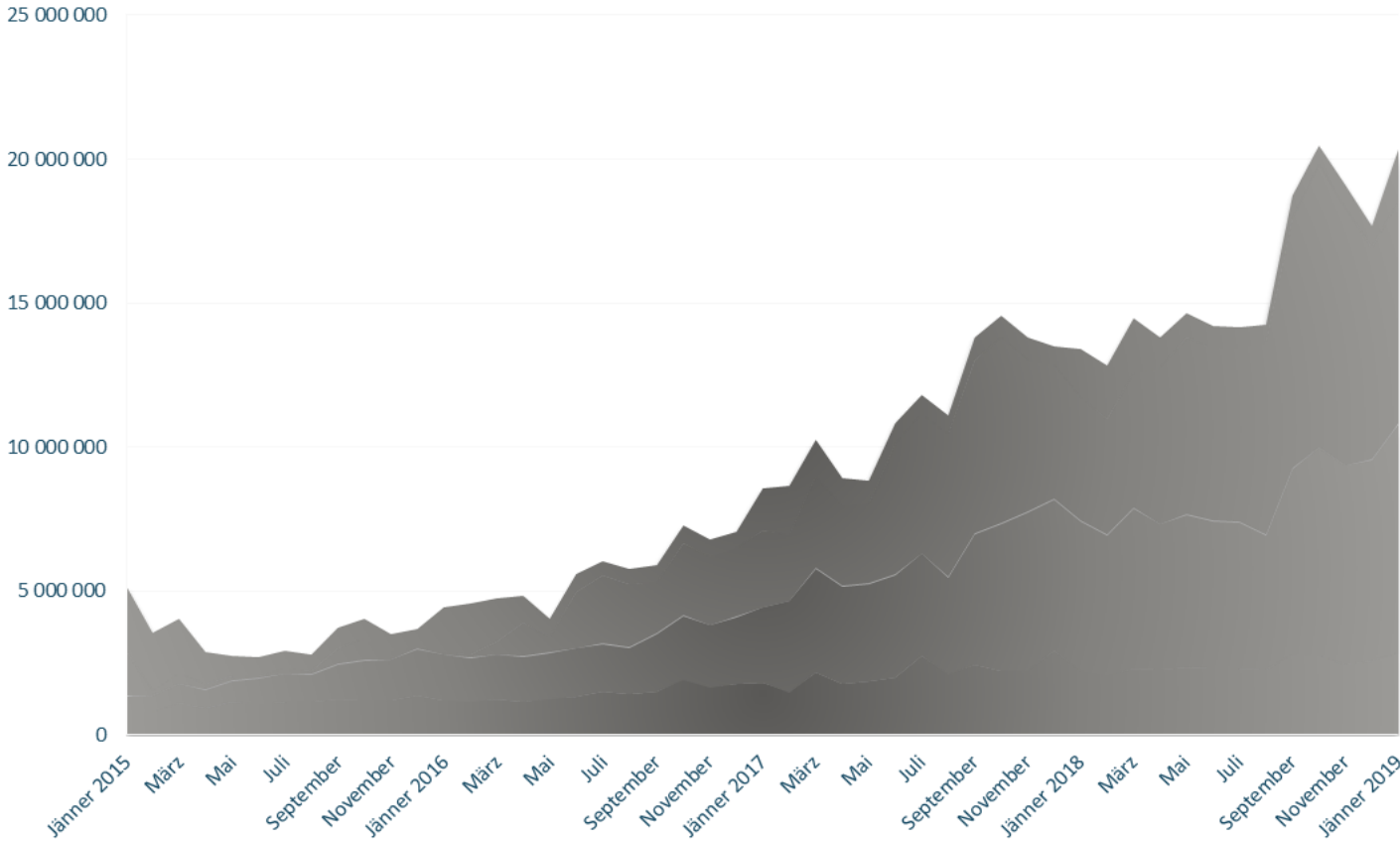
Suppliers
(Data Import)



Public Transport Data, Route Network,
Real-time/Target Data, Addresses

VAO Statistics – January 2019

Number of
Trip
Requests



2015 - 2019

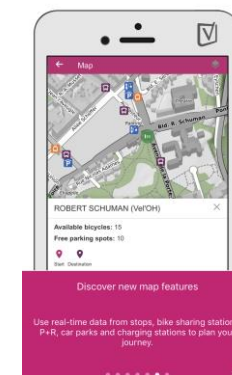
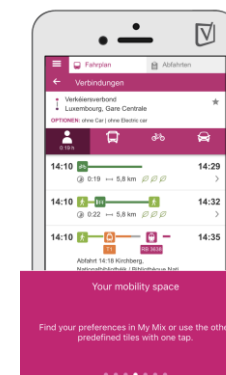
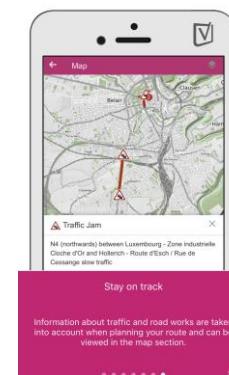


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Bye-bye Congestion!

Hello Multimodal Travel!

Luxembourg





Digital solution

for sustainable mobility nationwide

Forces Elèctriques d'Andorra





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First and last mile service throughout the Greater Paris region

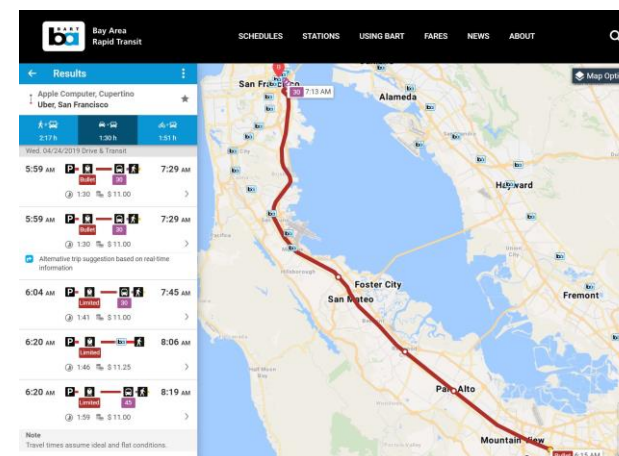
Starting Summer 2019





HAFAS Trip Planner for the Bay Area

and the Silicon Valley

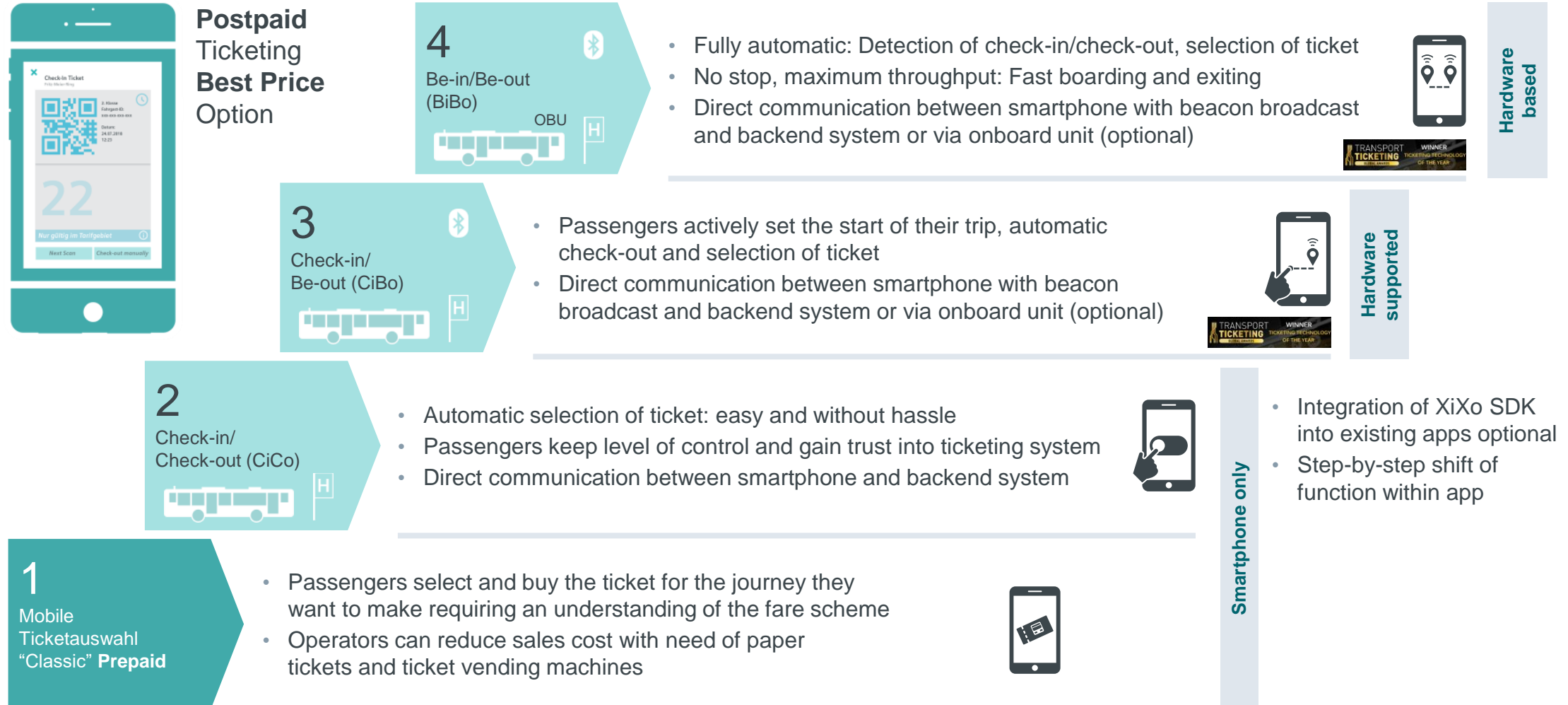


Smart Ticketing for a Smart City

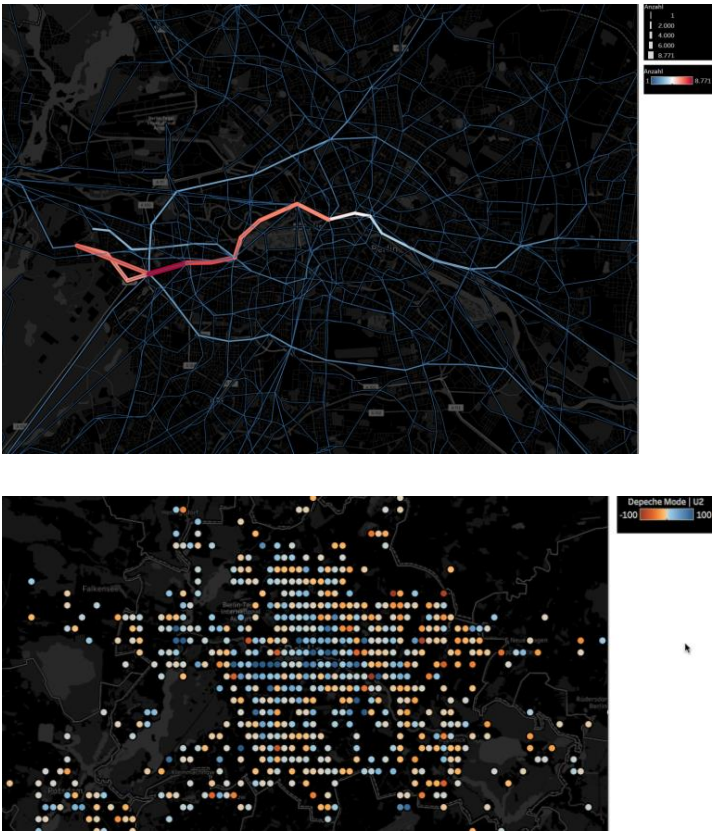
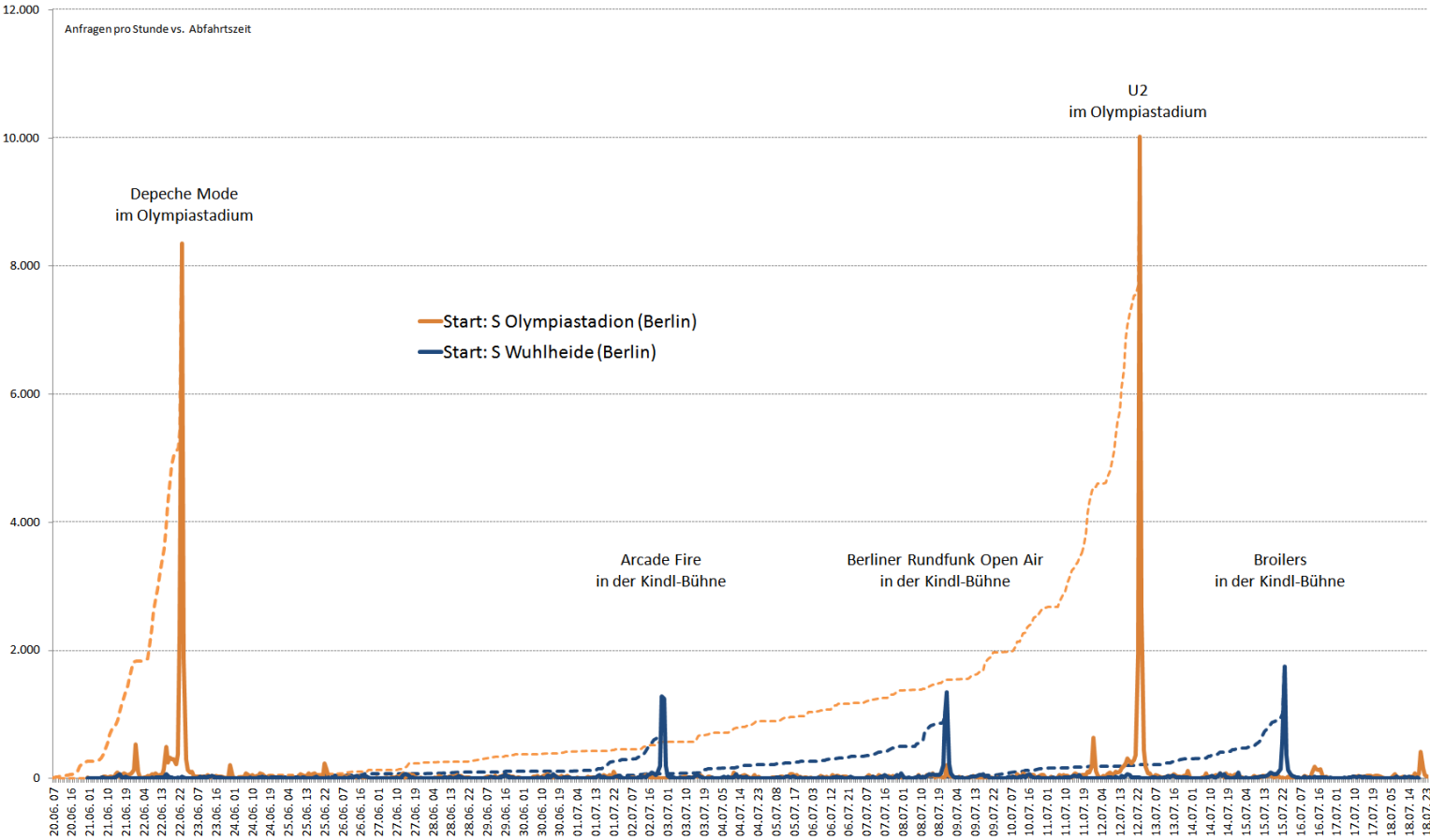
For public and private modes

THE CITY OF
COLUMBUS
ANDREW J. GINTHER, MAYOR

Public transport remains to be the backbone for urban mobility – and it needs to be as easy to use as possible



Big Data Analysis based on “digital trips”

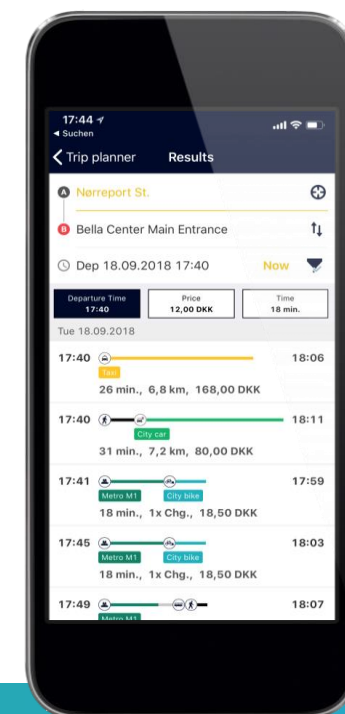


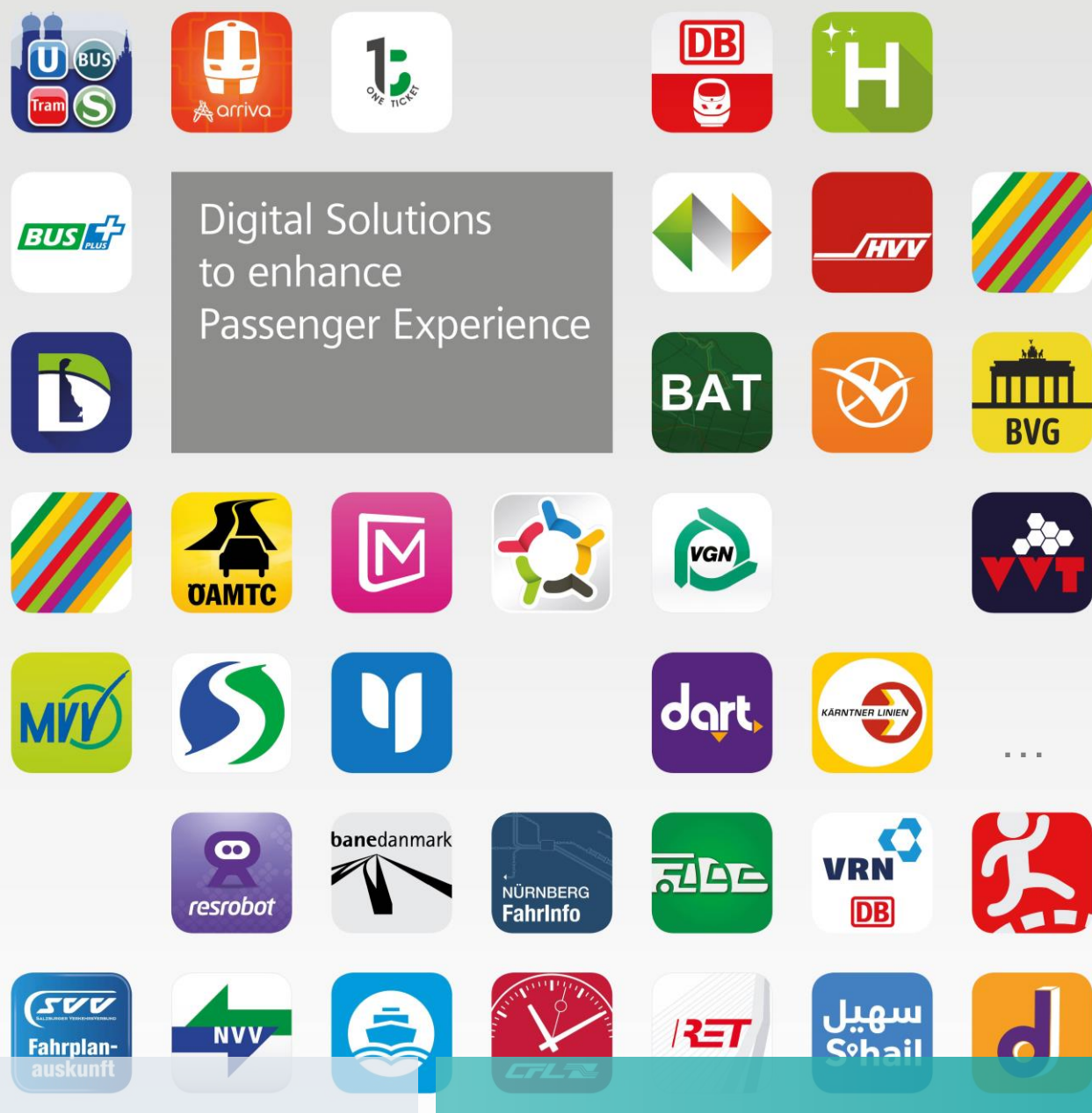


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Multimodal Trip Planning and Booking

Denmark





Thank you for your attention

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siemens.com/integrated-mobility

