



9-12 JUNE

STOCKHOLM 2019

GLOBAL PUBLIC
TRANSPORT SUMMIT

SMART TICKETING AND DIGITAL CUSTOMER SERVICES

INNOVATION GUIDED TOURS

Tuesday 11 June, 14:00 - 15:00

With digitalisation ever increasing, the public transport and urban mobility sector is working hard to develop new technologies that improve and facilitate users' journeys. This tour will explore the latest solutions that seek to make it

easier for travellers to purchase and 'carry' their tickets, like location-based autonomous ticketing, as well as to help consolidate multiple tickets for all modes of transport into one place, improving user experience and security.



Eos

Next Generation Mobile Ticketing

Seamless trip planning across a variety of transport modes and always the right ticket at hand – travel will become even more convenient in the future.

This is where the new smartphone-based ticketing options come into play: Check-in/Check-out, Check-in/Be-out and Be-in/Be-out enhance the passenger experience as a step-by-step approach!

Using Check-in/Check-out, passengers check in with a simple „swipe“ when boarding the train or bus and thereby receive a valid travel permission for their entire journey. At the end of the trip, the check-out works the same way – then, the cheapest fare is automatically calculated and charged.

With Check-in/Be-Out the Check-out process will be done automatically by the system, while identifying when the passenger left the vehicle or station.

Travelers easily receive their travel permission without having to buy one in advance. The app automatically detects where the trip begins and where it ends. The billing takes place via the pre-selected payment method at the best price – the cheapest fare is automatically calculated for the distance travelled. Ticketing can be that easy!



eos.uptrade
DRIVING INNOVATION

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Masabi

Software as a Service Account Based Ticketing for Operators of all Sizes

Account Based Ticketing solutions like the contactless system in London have been the domain of large mega cities, but not anymore. Masabi's Justride platform is bringing

Account Based Ticketing to operators of any size on a software as a service basis, meaning operators only pay for what they use and can be live in weeks.

The system is also unique as it allows passengers to use a contactless bank card, smart card or mobile device to simply turn up, tap and travel. The first deployments of Account Based Ticketing functionality will be for Bilbao in Spain and Rochester in New York state.



Josh Nicklin

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FAIRTIQ

FAIRTIQ - Smart Mobile Ticketing

FAIRTIQ greatly simplifies ticket purchase and requires no fixed sales/validation infrastructure. Customers obtain a valid ticket with one “swipe” on the FAIRTIQ app at the start of the journey, with another swipe at the end. Uniquely, a check out reminder is given if the customer forgets him/herself, reducing the unclosed journey level to 0.1%. Using advanced geo-location algorithms which include fraud detection logic, the system computes the journey undertaken, including intermediate changes, and calculates the fare including day capping - a massive increase in convenience as customers don't have to worry about buying the best value tickets for their journey.

The system is running across Switzerland covering all types of public transport thus allowing customers to carry out multi-modal journeys covering all 250 operators. With about 300'000 trips per month, it has become the No. 2 mobile ticket retail channel after the industry leader SBB, within 3 years. It has brought us new customers - those who had been put off by the complexity of public transport travel in the past.

FAIRTIQ
Public transport made easy.

Reto Schmid

Director Business Development

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AIT

Autonomous Ticketing

Next generation ticketing does not need any additional infrastructure or active user interaction. It is based on smartphones and requires reliable capture of mobility data. With AIT's software solution MODE, data such as used means of transport, transfer points and routes can be gathered automatically and precisely in the background.

MODE is based on many years of R&D work. Besides GPS and other localizing functions, smartphones provide sensor-based acceleration data for determining the means of transport - captured reliably via frequency analysis. Combined with GIS data, time schedule and real-time information of the public transport system, MODE thus enables an autonomous ticketing solution without additional infrastructure or user interaction.

MODE distinguishes between eight different means of transport and can easily be integrated into various existing ticketing applications and platforms, considering specific customer requirements and interfaces.

AIT **AUSTRIAN INSTITUTE
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Wizway - Paragon ID

The 1st global European Platform for contactless mobile ticketing

Paragon ID & Wizway Solutions are partnering to provide transit authorities and mobility operators with a comprehensive mobile ticketing solution: a platform allowing NFC smartphones to emulate contactless transit cards, a solution for managing dynamic QR code service, a mobile application and remote sales platforms.

The NFC platform combines all NFC technologies: access both to hardware security solutions (such as the Secure Element embedded in smartphones or SIM cards) and software security solutions (Host Card Emulation). Through a seamless integration of these contactless dematerialization technologies in a complementary way, Wizway Solutions is the sole industrial player offering the widest range of compatible smartphones and the best solution for travellers and transit authorities both in terms of user experience and security.

For transit networks non-equipped with contactless technology, the QR code solution made by Paragon ID's strategic partner, Airweb, and already deployed in 20 cities, provides a highly adaptable digital solution with fast implementation. Transit authorities will access through a single solution to a wide range of services selected according to their needs.



PARAGON ID

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Almex

Almex.cashless – the Future in Ticketing and Communication

Cashless payments are becoming more and more popular. At the same time travellers needs for information is increasing. ALMEX' answer is the almex.cashless.

A state-of-the art designed ticket vending machine combining ticket sales and passenger communication.

Large 32" touch display allows to offer ticket sales, passenger information and video dialogue by integrated high-end video-camera system. For additional services the almex.cashless can be equipped with double-sided display units for additional information or advertising.

All cashless payment methods are available. Payment by credit- and banking cards, contactless of course.

Integrated QR-code scanner and RFID-reader for public transport applications are part of the concept as well.

Almex.cashless offers more services to passengers and reduces operational efforts.

ALMEX

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