

Challenges for the interoperability in public transport fare collection systems in Latin America

November 16th and 17th, 2017

Four Seasons Hotel Casa Medina
Cra 7 No. 69A - 22
Bogotá DC, Colombia

Background and Objectives

Public transport authorities face the challenge of guaranteeing an integrated public transport ticketing service, interoperable and endowed with innovative technological tools to increase its attractiveness for the users. These requirements trigger the necessity to select the most appropriate digital technologies and the definition of institutional, economic and operational models capable of guaranteeing the interoperability between several actors.

Calypso is one of the current technological alternatives in the market for interoperability in fare collection or electronic payment systems. Given its experience and its trajectory in the implementation of such systems in different cities in the world, the Calypso Networks Association (CNA) partnered with the Interamerican Development Bank and GSD+ to host a two-day workshop aimed to public transport authorities in Latin America with the following objectives:

- Present different study cases in several cities of the world
- Discuss the current situation of fare collection systems integration in Latin America
- Propose good practices to reach and improve fare collection systems integration locally

Agenda

November 16th, 2017 – Nogal Room

8:00 a.m. - 9:00 a.m.

Registration

9:00 a.m. - 9:30 a.m.

Welcome Remarks

By the Colombian Transport Ministry. Sandra Angel, Director of Urban Mobility.

9:30 a.m. - 10:15 a.m.

Interoperability in Fare Collection Systems: technical and commercial perspectives

By CNA, Ralph Gambetta

An introduction to the Calypso history, specifications and ecosystem is presented, as well as its evolution, growth and roadmap towards open source

10:15 a.m. - 11:15 a.m. **The Role of Authorities in Interoperability: The key elements of Standardization, Certification and Arbitration**

By CNA, Philippe Guillaumin

An exploration of the involvement of Authorities in the implementation and operation of interoperability

11:15 a.m. - 11:30 a.m. **Coffee Break**

11:30 a.m. - 12:30 p.m. **Study Cases: worldwide and Latin America Part 1**

An insight on some cases which interoperability represented a significant improvement for users and authorities

- Lisbon case by CNA, Paulo Barreto
- Medellin case by Metro de Medellín

12:30 p.m. - 1:30 p.m. **Lunch Break**

1:30 p.m. - 2:30 p.m. **Study Cases: worldwide and Latin America Part 2**

An insight on some cases which interoperability represented a significant improvement for users and authorities

- Paraguay case by BID, Manuel Rodriguez

2.30 p.m. – 2.45 p.m **Comfort Break**

2.45 p.m. – 4.15 p.m. **Presentation of the attending authorities**

An opportunity for attending authorities to present their experiences regarding the topics covered in the workshop, as well as the challenges they are currently facing.

4.30 p.m. **Cocktail reception**

November 17th, 2017 – Casa Medina Room

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| 8:30 a.m. - 9:00 a.m. | Card-based vs account-based solutions By CNA, Francis Sykes A comparison on current trends of Smart ticketing and the fitness of each solution |
| 9:00 a.m. - 9:30 a.m. | Mobile ticketing and the evolution of fare collection systems: HCE solution, SIM centric, ESE, BLE, QR code, which solution for which need By CNA, Philippe Guillaumin A presentation of the future of smart ticketing solutions based on mobile devices |
| 9:30 a.m. - 10:00 a.m. | Bank card payments in Transport: Fare Collection Systems based on banking payments By World Bank (South Africa case study), Camila Rodriguez With support from GSD+ Multiple trends on bank card payments in transport |
| 10:00 a.m. - 10:30 a.m. | Coffee Break |
| 10:30 a.m. - 12:15 p.m. | Regional and National Interoperability in Latin America: What are the opportunities in the region? Discussion panel moderated by GSD+, with the participation from Ministry of Transport, National Planning Department, IDB, and CNA. |
| 12:15 p.m. - 1:30 p.m. | Closing ceremony: Farewell lunch Space for networking and exchange of ideas between participants and organizers of the workshop |

The event is co-organized by GSD+ (www.gsdplus.com), IDB (www.iadb.org) and WB (www.worldbank.org) in cooperation with the international organization Calypso Networks Association (www.calypsonet-asso.org).