Calypso User Days
Venice, 2022
29-30 SEPTEMBRE 2022
ARSENALE DI VENEZIA
Calypso Networks Association is supported by its founders:
A WORD
FROM THE CHAIRMAN

Dear Calypso User Days 2022 participants,

It is with great pleasure that I meet you again here, in Venice, for the traditional Calypso User Days, after two years of absence due to the pandemic that has so severely affected the transport world.

This event, which is meant to be participative, friendly and warm, will allow us to exchange on the issues facing transport operators and authorities in this period of return to normal. The past difficult period has favored us to better understand how multiple and diverse mobility is, and how essential the dematerialization of ticketing is.

Thus, the conference will be mainly dedicated to MaaS, its challenges, the conditions of its success as well as the uses and solutions offered by mobile ticketing. All of this while keeping in mind that the transport service must be inclusive and address everyone, meaning that our choices must be oriented towards customer service and not towards a technological race.

This year, we are pleased to host two events around our conference, the study tour of ADCET, the association that manages the citizen multiservice standard based on Calypso - deployed in France, and an ASSTRA session, the association of italian transport operators, on the topic of the place of public transport and associated ITS in the digital and ecological transition.

I believe this complementarity of themes will allow us to build an inclusive vision of uses as a basis for the development of an open and sustainable ticketing system, for the common good and the benefit of everyone.

I wish you all a very good conference and many fruitful exchanges.

Gianluca Cuzzolin
CNA Chairman
AGENDA
Thursday 29 SEPTEMBER

3.30 PM - Welcome

4.00 PM - Opening session of the International Calypso User Days Conference
Andrea Gibelli, Asstra, President
Piero Sassoli, Club Italia, President
Giovanni Seno, ACTV, General Manager
Gianluca Cuzzolin, CNA Chairman

4.30 PM - Plenary session: MaaS and multiservice for all
Animated by Claudio Giovannini

- Presentations:
  - The MaaS approach of Club Italia in Italy – Claudio Claroni, Club Italia
  - The TTS Italia vision for MaaS development in Italy – Matteo Antoniola, TTS
  - MaaS standards: performance and governance – Ghislain Delabie, Fabrique des Mobilités
  - Ticketing in MaaS, Study from STA and UITP – Efe Usanmaz, UITP
  - Multiservice approach in France: the AMC standard – Matthieu Theurier, Rennes Metropole
  - The integration of MaaS in Veneto Region – Open Move

- Round table: Italian use cases and feedback
  Giuseppina Gualtieri, TPER Bologna
  Marco Beltrami, AMT Genova
  Guido Cangiano, UNICOCAMPANIA Napoli

6.30 PM - Calypso standard update
Manon Chaix
Philippe Vappereau

7.30 PM - Networking Dinner
hosted by ACTV
9.30 AM - Plenary session: the dematerialization of ticketing

Animated by Philippe Vappereau

- Presentations:
  - Apple Pay and Wallet Overview for Transit Partners – Mary Carol Harris, Apple, Director ApplePay and Wallet
  - NFC Forum – Preeti Ohri Khemani, NFC Forum, Board Chair

- Round table: Mobile ticketing
  Dominique Descolas – Digimobee
  Cristiano Pardo – HID Global
  Michael Moir – Snowball
  Frédéric Lévy – Spirtech
  Louis Brosse – Wizway Solution

11.30 AM - Coffee break

12.00 AM - Projects deploying mobile ticketing, comparing approaches

Animated by Ralph Gambetta

- The Venice project, Gianluca Cuzzolin, ACTV
- The Paris Île-de-France project, Claude Camilli, Île-de-France Mobilités
- The Milan & Lombardy project, Roberto Andreoli, ATM

1.00 PM - End of the conference. Concluding remarks by CNAs’ Chairman

Light Lunch - hosted by ACTV
The MaaS for all with Calypso

Is MaaS for smartphones users or for everyone?

How can you guarantee flexibility and security for all users?

Why can’t you use your transit card for MaaS?

Eclipse Keyple, the open-source software to integrate Calypso as easily as the barcode.

Calypso Prime PKI, on a card or NFC smartphone, for combined use in existing ticketing systems and with MaaS, using cryptography to authenticate the card, removing the need for a security module in terminals.

Reach 100% of your potential MaaS customers with Calypso:
Turn your transport card into a universal mobility card today.
ADCET Session - 29 September
for ADCET members only

⏰ 10.00 AM - Presentation of the management of the multiservice offer in Venice, by VELA

⏰ 12.00 AM - Lunch

⏰ 2.00 PM - Visit of partner sites of the Venice multiservice offer

ADCET is a non-profit association that brings together about 60 public and private actors for the promotion and development of digital uses in local communities. This association is at the origin of the AMC (Citizen Multiservice Application) standard, based on Calypso, allowing the use of a unique support to access several services in the strict respect of the RGPD.
Control and advance your smart ticketing systems with **Calypso**

Public transport is evolving rapidly.
Use open source ticketing to reduce your costs, avoid expensive vendor lock-in, and improve the customer experience.

Access open, collaborative ecosystems with Calypso to enjoy:

- **Robust certification**
  All Calypso products are independently certified by an accredited body to uphold functionality, security and interoperability.

- **No vendor lock-in**
  Eclipse Keyple is the open source SDK for contactless ticketing. It is free, easy-to-use and flexible, so you can build to the Calypso ticketing standard with no vendor lock-in.

- **Specialist expertise**
  Reduce your investment time with a dedicated team of experts available to answer technical questions and assist with implementations.

Discover more at [calypsonet.org](http://calypsonet.org)

Join the community
Calypso Networks Association (CNA) is a not-for-profit organization connecting members of the transport, mobility and services communities to help control and evolve the smart ticketing ecosystem through open standards. CNA is the governing body of Calypso technology.
ASSTRA Session - 29 September
for ASSTRA members only

2.00 PM - The place of public transport and associated ITS in the digital and ecological transition:
Session chaired by Andrea Gibelli, President of ASSTRA

- The European perspective: Ralph Gambetta, Smart Ticketing Alliance
- Internal ticketing data management:
- Exchanges with transport authorities and operators
  Paolo D’Angelo - GTT Torino
  Mauro Paoletti - Consorzio Granda Bus Cuneo
  Carmelinda Parente - AVM Venezia
  Pasquale Rovito - EAV Napoli
  Stefano Sotgiu - CTM Cagliari
  Daniele Varin - TT Trieste
- Cybersecurity - Giorgio Pizzi MIMS.

ASSTRA -Transport Association-is the employers’ national association of regional and local public transport companies in Italy, both publicly and privately owned. It represents the needs and interests of public transport operators in the appropriate institutional forums, nationally and internationally. It carries out international and national advocacy actions in favor of collective and sustainable mobility.
Our community is committed to further smart ticketing innovations. Here’s to more exciting years ahead!

Did you know?

- Calypso originally stood for Contact And ContactLess Technology Yielding a Platform for Service Operation

1996: Launch of the ICARE project, financed by the European Community, to develop a contactless ticketing system for multimodal and multi-operator public transport environments

This is followed by the Calypso project launching transport ticketing and multiservice payment applications in five initial locations: Paris, Lisbon, Venice, Brussels and Konstanz

2000: Two first in-field deployments of contactless ticketing systems based on Calypso launch in two French cities, Nice and Amiens

2003: Session and Ratification Patents Registration, forming the heart of Calypso’s technology

2006: Launch of the TRIANGLE project, precursor to Hoplink, to develop interoperability between European metropolitan areas, piloted on the Brussels-London-Paris triangle

2007: Creation of Calypso Networks Association, an ASBL (not-for-profit) under Belgium law

2009: CNA reaches 50 members

2010: First delivery of a compliance certificate for Calypso Prime cards

2012: Setup of a permanent, dedicated team to better answer to the needs of the transport ticketing community

2013: Setup of the Calypso brand license, based on mandatory certification of products compliant to Calypso specifications

2014: CNA reaches 100 members and ships 30 million cards over the year

2015: More than 40 certified Prime, Light cards and a certified Prime applet on Secure Elements or Javacards

2016: Calypso definitively enters the open-source world with the launch of the Eclipse Keyple, an open-source project dedicated to open-source software

2021: Calypso enters the open-source world with the issuance of the Eclipse Keyple API and software 2.0 for terminals

Calypso enhances the security of mobile ticketing on Android devices, officially launching the Calypso HCE Security Certification (CHSC) scheme