Calypso
Networks Association

OPEN SESSION
Paris, 2022

CALYPSO AWARDS 2022

A WORD FROM THE CHAIRMAN

Dear Guests,

I am delighted to welcome you to our traditional Calypso Open Session and this 8th Edition of the Calypso Awards ceremony.

After three years, we are very happy to be able to present again well-deserved awards to all those who support the development of Calypso, all over the world, whether they are users or suppliers of ticketing solutions based on this unique standard.

The Calypso Awards ceremony is a unique opportunity to encourage innovation, which is of major importance for the sustainability of the Calypso standard. It rewards those who work hard to create new ticketing services and products which improve travelers' experience.
This year again the candidates propose very promising solutions for the benefits of the end-user, in different fields, such as mobile ticketing, new products for MaaS, but also to enrich the range of Calypso cards, new sales and personalization services, smart use of Calypso possibilities, easier deployment of ticketing based on Calypso with Keyple, etc.

I warmly thank all the candidates for the quality of their proposals, the jury for his involvement and, of course, all of you for your loyalty to our annual event.

I wish you a very pleasant evening here in Paris.

Gianluca Cuzzolin
Calypso Networks Association Chairman

CALYPSO AWARDS CHALLENGE

In a return to our traditionnal format last seen in 2019, the « CALYPSO AWARDS » are back in 2022.

CNA Awards recognise those who have contributed to the promotion and development of Calypso all around the world, in public transport and beyond.

Prizes will be awarded for two categories:

THE BEST CUSTOMER SERVICE
The Best Customer Service Award rewards the Users of Calypso who propose to their customers an innovative service enabling an easier access to public transport, which promotes sustainable mobility, which highlights the Calypso performances. This Service is preferably deployed or under deployment, or at least in a Proof of Concept phase.

This Award is open to every promoters and users of Calypso: local authorities, transport operators, associations, etc.

THE BEST INNOVATION
The Best Innovation Award rewards the Providers of Calypso who have developed and setup a new Calypso product, component, software or processes which enriches the Calypso offer and contributes to the worldwide development of the Calypso standard.
This Award is open to industrials, providers, integrators, members of CNA.

THE JURY

Gianluca Cuzzolin, Chairman - CNA
Philippe Vappereau, CEO - CNA
Enrique Gomez, Independant Calypso Expert (only for the Best Innovation Awards)
Fausto Sá-Marques, Technical Director Director – Metro Lisboa, Member of CNA Board
Laurent Miralabé, CTO - One Wave, Winner of Best Innovation Award 2019
João Almeida, CEO - Card4B, Winner of Best Customer Award 2019

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BEST

CUSTOMER

SERVICE

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BEST CUSTOMER SERVICE - CANDIDATE

BRUPASS VALIDATION ON MOBIB

PROJECT DESCRIPTION

A validator in your pocket using your smartphone

BENEFITS FOR END USERS

Validate before just in time before stepping into the train, avoid queues at the vending machine, display the remaining time for travel and tokens on the card.

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO:

Transition technique from purely card-based to the mobile

MOBIB
Guy de Lathouwer, Project Manager
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Bruxelles / Belgium

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BEST CUSTOMER SERVICE - CANDIDATE

SEMOVI CDMX

PROJECT DESCRIPTION

Offering millions of customers in Mexico City the opportunity to recharge their Public Transportation cards through a new 100% digital recharging experience.

BENEFITS FOR END USERS

Digital experience: offering millions of passengers the opportunity to recharge their public transportation cards using their smartphone, in a safe environment, without having to stand in line, through a seamless experience.

Physical experience: growing the number of physical recharging points tenfold, allowing customers living in the outer areas of CDMX to recharge their public transportation cards in physical stores.

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO:

Successful launch of a new 100% digital recharging experience in a developing country.

Mercado Libre
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CDMX / Mexico

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BEST CUSTOMER SERVICE - CANDIDATE

KORRIGO CALYPSO AMC CARD ISSUING STATION

PROJECT DESCRIPTION

Several experiments (May to today) have been carried out on the territory of Rennes Métropole in several places (universities, city halls of local authorities, CCAS, etc...) in order to propose to the users to create their calypso transport cards. This is a new and innovative service, since today there are only points of creation of Calypso transport cards at specific commercial transport agencies, thus allowing users to create their cards near their places of work, study, residence, etc... This encourages the development of card use for access to sustainable mobility (metro, bus, train, etc.) but also to other everyday services.

BENEFITS FOR END USERS

A local, fast and simple service that considerably improves the user experience. This makes it possible to offer a fairer, more universal service for users who have difficulty creating their cards (digital divide, distance from urban centers, etc.).

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO:
Contributes to develop the use of Calypso supports by simplifying its obtaining, for users and services not only targeted to transport.

Rennes Metropoles
Julien Marcault, KorriGo Program Manager
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Rennes / France

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BEST CUSTOMER SERVICE - CANDIDATE

POINT OF SALE 2.0 - CTS STRASBOURG

PROJECT DESCRIPTION

In a ticketing system, a point-of-sale terminal remains and will remain a must. Even if, as at the CTS, digital distribution channels are widely developed and used, it is essential to have a reliable and efficient solution. The CTS, after many unsuccessful searches, decided to develop its Point of Sale Terminal 2.0 by mixing a proven market solution for the cashier software and a module (owned by the CTS) managing the calypso card life cycle (personalization, reloading, profile ...) This project was carried out in a timeframe equivalent to the installation of a traditional market solution, for a lower budget and with more developed functionalities. It is now operational and has been acclaimed by its users. It is now intended to be adapted for other players.

BENEFITS FOR END USERS

Better consideration of our users' requests and faster processing of files. Processing of requests as close as possible to the field and the needs A response to users such as companies or local authorities.

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO:
Deployment in an industrial Keyple solution

Compagnie des Transports Strasbourgeois
CAFFART Alain, Head of Digital Transformation
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BEST CUSTOMER SERVICE - CANDIDATE

TRANSFORMATION OF THE PUBLIC TRANSPORTATION INFRASTRUCTURE OF MEXICO CITY TO ADDRESS URBAN INEQUALITIES

PROJECT DESCRIPTION

Mexico City's public transport authority is fighting urban inequalities with the gradual expansion of its network. The integration of the unstructured transport is a key objective for the network to provide a quality service to the inhabitants of the peripheries. On-board validators that accept the city card are being progressively deployed on all the buses of this mode of transport, while a brand new remote reloading service allows the users to reload their card in small and medium-sized local businesses and on mobile devices with NFC technology. Parallel to these actions, the transport authority created a software based on Eclipse Keyple for validating the city card. Software that is being currently deployed on the on-board terminals of the unstructured transport. This lowers the entry barrier for all technological integrators who wish to offer their services, with more competitive solutions, both technically and economically. The ultimate goal being that the city increasingly gains control over its system and the elements that are part of it.

BENEFITS FOR END USERS

The benefit to the end user is reflected in the improvements to public transport, with the growth of the network, reduction of travel times, reduction of waiting time in line to reload the card, and improvements in safety and efficiency to the service currently provided by the concession transport, all of this as a result of the established norms and rules that the concessionaire must comply with to provide a safe and quality service (on-board cameras, GPS, passenger counter, card validator, among others).

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO:

In the last 3 years Mexico City's transport network has grown rapidly, creating new modes of transport and integrating existing ones. This drives the Calypso standard, which increasingly has greater coverage and specialized industry in a city that serves as a reference for others in Latin America.

SEMOVI CDMX
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BEST INNOVATION - CANDIDATE

MANAGER.ONE PAYMENT CARD WITH CALYPSO

PROJECT DESCRIPTION

Manager.one has developed the first ever payment card with the Calypso protocol embedded.

BENEFITS FOR END USERS

One card for everything. No need to load a card at the beginning of a month.

KEY INNOVATIONS:

Yes

Manager One
Alexandre Touati, CEO
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Paris / France

BEST INNOVATION - CANDIDATE

THALES CALYPSO PRIME G2 PKI

PROJECT DESCRIPTION

Simplifying Mobility as a Service and ABT programs while keeping strong security with Gemalto Calypso Prime G2 PKI card, first card to be certified compliant to latest Calypso Prime Rev 3.3 specification with PKI mode activated.

BENEFITS FOR END USERS

Easy access to Transport & Mobility-as-a-Service services.

KEY INNOVATIONS:

First Calypso Prime Certified card with PKI mode activated.

THALES DIS
Maria Ramirez, Product Manager
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Meudon / France

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BEST INNOVATION - CANDIDATE

THE FIRST MULTI-APP ARCHITECTURE BASED ON HCE CALYPSO FOR ÎLE-DE-FRANCE MOBILITÉS APPLICATION

PROJECT DESCRIPTION

HID Global developed an HCE Calypso paired with a secure wallet fully compatible with all the NFC phone with Android 8 and greater. It will allow Android users with IDF Mobilités App to buy tickets and store them in the wallet "My Navigo Tickets", directly on the phone (no SIM, no eSE). The innovative architecture developed by HID will allow several Transit applications to point to the same wallet as if it were an eSE. The HCE Calypso and the paired wallet grant an high security level and Calypso® HCE Security Certification (CHSC) scheme, based on rigorous mobile security programs, including Software-Based Mobile Payments (SBMP) from global technical specification body EMVCo, proved the robustness of the solution provided by HID Global.

BENEFITS FOR END USERS

A NFC smartphone based on Android 8 or greater is an eligible device for hosting the HCE Calypso and it gives the opportunity to the users to easily buy a ticket directly from the APP of the Public Transport Operator, store it on the phone and tap the phone to the metro/bus terminals.

KEY INNOVATION:

Fast and secure activation of Calypso card within any Android phone (brand independent). Proven security robustness after meticulous penetration testing performed by Thales SIX GTS France

HID GLOBAL
Christiano Pardo, Senior Director, Transport and Physical Credential Events & Mobility Solutions – IDT BU
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Arzano / Italy

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BEST INNOVATION - CANDIDATE

THE SURVEYORS APPLICATION USING KEYPLE

PROJECT DESCRIPTION

Navigo card reader application to do transport surveys not in declarative mode but by scanning the travellers' pass.

BENEFITS FOR END USERS

More accuracy in our traveler surveys, re-use from one campaign to another.

KEY INNOVATION:

Keyple usage

Île-de-France Mobilités
Claude Camilli, Project Manager
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Paris / France

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BEST INNOVATION - CANDIDATE

CALYPSO MOVE

PROJECT DESCRIPTION

CALYPSO move product is a contactless smart card with an ISO/IEC 14443 Type B interface that is compliant to the Calypso Basic Specification defined by Calypso Network Association. It is a dedicated contactless product developed for the low-end limited use tickets in transport applications.

BENEFITS FOR END USERS

Simple and secure e-ticketing solution.

KEY INNOVATION

Low end secure hardware with pre-configured memory.

INFINEON
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Saint-Denis / France

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PREVIOUS CALYPSO AWARDS

2019 Winners
<u>Best Customer Service</u> : **ANDA™ by Card4B**
Nominee: Samsung Pay -Transit Add-on by Samsung Pay,
Multiprofile Card-Jamme Card by Unico Campania Consorzio

<u>Best Innovation</u> : **One Wave by ONE WAVE**
Nominee : ET- Blu by AEP Ticketing Solutions, TCT by RATP Smart Systems

2018 Winners
<u>Best Customer Service</u> : **Muver by TPER & Calypso Mobile Ticketing
for Paris Region by Ile-de-France Mobilités**
Nominee: Viva Kiosk by OTLIS

<u>Best Innovation</u> : **SOMA ATLAS CLAP OPERATING SYSTEM by HID GLOBAL**
Nominee : FX 900 Validator by FAMOCO, Elipse Calypso by SELP

2017 Winner
RAV-KAV ONLINE by PCentra
Nominees:
Hoplink first implementation by Parkeon
Smartwatch Calypso HCE solution by Poste Mobile

2016 Winners
<u>Best Customer Service</u> : **NFC Mobile Ticketing by Wizway Solutions**
Nominees: Calypso Pay-as-you-go by SIBS & Pass Pass Easy Card by Keolis Lille

<u>Best Innovation</u>: **OPUS pour BIXI by STM**
Nominees: Palmari Marinai by ACTV & Sharkey Wristband by Watchdata

2015 Winners
<u>Best Customer Service</u>: **KorriGo by Rennes Metropole**
Nominees: OPUS en ligne by STM & PCard+ by Interparking

<u>Best Innovation</u> : **Celego Calypso G1 by Gemalto**
Nominees: AMG by ADCET, Calypso HCE App by Spirtech & HCE Mobipass by
ASK

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2014 Winners
<u>Best Customer Service</u>: **U'Go by CTS**
Nominees: Titolo Integrato Campania by Card Project Srl &
TER NFC Basse Normandie by Lower Normandy Region

<u>Best Innovation</u>: **VIVA Parking & VIVA Portal by CAR4BSYSTEMS S.A**
Nominees: RAV-KAV App by Mosko.mobi & Android Mobile App for Calypso Lifecycle
Management by PosteMobile

2013 Winners
Morpho & Rigaskarte
Nominees: Watchdata, SIA, 5T

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