Calypso
Networks Association

OPEN SESSION
Paris, 2023

CALYPSO
AWARDS
2023

A WORD FROM THE CHAIRMAN

Dear Guests,

Once again, I am delighted to welcome you to our traditional Calypso Open Session and to this 9th Edition of the Calypso Awards ceremony.

I am very happy to see that our Awards remain as dynamic as ever, demonstrating that Calypso remains a constantly evolving standard, for the benefit of end-users, and that many players in our ecosystem are still coming up with exciting innovations. And therefore, I enjoy to be able to reward these companies, whether users or providers of Calypso-based solutions, who have thoroughly deserved their award.

This year, the candidates proposed numerous and promising solutions in different fields which are of great interest for the development of Calypso, such as mobile ticketing, deployment of Calypso-based ABT systems, operational deployment of new Calypso products such as Light or Basic, use of our standard in multiservice environments, technological innovations to increase Calypso performances and use of Keyple to make the most of our standard as simply as possible. Probably next year we will be proposing a dedicated Keyple award, given the growing importance of this open source solution for the future of Calypo.

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

CNA is delighted to announce submissions are open for the 2023 Calypso Awards. These 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
Rodrigo Diaz, ex-Undersecretary of Planning, Policy and Regulation - SEMOVI Mexico City, Winner of Best Customer Value 2022
Cristiano Pardo, Senior Director, Transport and Physical Credential - HID Global, Winner Best Innovation 2022
Ludovic Teixeira Costa, Technical Expert - CNA

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BEST CUSTOMER SERVICE CANDIDATES

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BEST CUSTOMER SERVICE - CANDIDATE

MANUAL AND AUTOMATIC DISTRIBUTION OF SOCS MEDIA BASED ON CALYPSO LIGHT TECHNOLOGY

PROJECT DESCRIPTION

IDFM made a request to Calypso for the specifications of a low-cost teleticket with the aim of reducing the use of plastic and making a support for occasional travelers.

BENEFITS FOR END USERS

Have a reliable Contactless ticket with a 10-year lifespan that can be reused, thus reducing environmental pollution.

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO

Enabled Calypso to be present on supports for occasional travelers with iso security, and therefore to be an alternative to Contactless ticket on one of the world's largest transport networks.

Île-de-France Mobilités
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France

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BEST CUSTOMER SERVICE - CANDIDATE

DEPLOYMENT OF ABT IN MENTON - FULLY DIGITAL & INTEROPERABLE

PROJECT DESCRIPTION

Deployment of a «fully interoperable & real-time account based» ticketing solution with Keolis for Zest network in Menton.

BENEFITS FOR END USERS

The solution has greatly improved the access to public transportation and the overall user experience, providing multiple modes of purchase and boarding - ie. mobile ticketing, payment cards, apps, local & regional Calypso cards and single trip QR code tickets.

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO

The solution remains centered around Calypso local & regional cards for Monthly pass users while offering the best of digital & EMV acceptance to facilitate the access to public transportation for more occasionnal users.

Keolis Menton Riviera
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Paragon ID
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BEST CUSTOMER SERVICE - CANDIDATE

PAYMENT INTEGRATION AT THE SUPERCITY LEVEL

PROJECT DESCRIPTION

The Mexico City - Toluca fast passenger train, called "El Insurgente", is a project of the Federal Government of Mexico that not only connects two of the most important metropolitan areas of Mexico with more than 25 million inhabitants, but is also a mode of transport used within each city.

BENEFITS FOR END USERS

Users benefit from the interoperability between the fast passenger train and Mexico City's transport network and its «Tarjeta de Movilidad Integrada». They can now reach Mexico City from the Metropolitan area of Toluca with a 90 minute travel time reduction from terminal to terminal.

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO

In the last 4 years Mexico City's public transport network has grown rapidly, creating new modes of transport and integrating existing ones within the city and surrounding municipalities. This recent project has become a milestone that drives us towards ticketing integration at a national level, giving service to one of the world's largest megalopolis.

Secretaría de Movilidad
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Mexico

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BEST CUSTOMER SERVICE - CANDIDATE

UNICO CALYPSO REGION

PROJECT DESCRIPTION

I UnicoCampania manages the regional AFC system, based on Calypso and developed for Calypso 3.1, CLAP and Chip on paper. It has also adopted a multi-profile and multi-protocol Calypso card, that can be interfaced with both B' (in phase out) and ISO 14443B protocols, allowing Campania to migrate toward the new system. In 2022, the Trenitalia profile (the third) was added to the regional card.

BENEFITS FOR END USERS

The most important benefit for end users is to use one support for all the LPT fares, including regional integrated fares. The integration of travel ticket supports is also the key element to offer integrated fares. We talk about more than 1.000 single, hourly or season tickets. Moreover, the entire ticketing network is centralized and accessible with the same user experience.

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO
This latest project is a large-scale use of the most innovative Calypso solutions, with the opportunity to share a useful exchange of experiences, operational outcomes and any critical issues to be addressed.

Consorzio Unicocampania
Guido Cangiano, CTO
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Italia

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BEST CUSTOMER SERVICE - CANDIDATE

UNICO CALYPSO REGION

PROJECT DESCRIPTION

The Interparking Pcard is a Calypso Prime card, specifically engineered for seamless access to the group's operated car parks. Calypso has been selected by Interparking for all its European parking locations, totaling over 1,000. Based on its experience in Belgium, where interoperability with public transport is ensured using the MOBIB card data model, Interparking has decided to extend the range of services offered and has developed the Pcard+, which allows EV-charging and carwash, in addition to MOBIB mobility services such as self-service bicycles.

BENEFITS FOR END USERS

The Pcard+ is accessible without any commitment on the part of the user, there is no need to take out a subscription, there are no initial fees and no cost per use. It's a loyalty card, with benefits linked to its use. It offers access to all Interparking car parks in Europe, as well as a range of services, including electric vehicle recharging, car washing and self-service bicycles (as is the case in Belgium).

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO

The multiservice nature of the Pcard+ is an attractive factor for car park users. It marks Interparking's positioning as a MaaS player and a contributor to sustainable mobility.

Interparking
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Belgium

BEST
INNOVATION
CANDIDATES

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BEST INNOVATION - CANDIDATE

TECHNOLOGIES TEGRION™ SLC26T SECURITY CONTROLLERS FOR TRANSPORT APPLICATIONS

PROJECT DESCRIPTION

Infineon TEGRION™ is a comprehensive portfolio of 28nm security controllers. Designed to be the best fit for an extensive range of use cases for secured and connected systems, TEGRION™ security controllers are outstanding in security, efficiency, performance and ease of implementation at the same time.

BENEFITS FOR END USERS

High security, efficiency, and performance. The combination of Integrity Guard (IG) on an ARM design ensures a benchmark performance for all kind of antenna form factors and improves the boundaries of hardware security for an easy and footprint optimized implementation

KEY INNOVATIONS

The TEGRION™ SLC26T offers state-of-the-art CPU architecture featuring 32-bit Arm® v8-M based CPU and Integrity Guard double core, ensuring rapid communication and ultra-low power consumption.

Infineon
Franck Ferrandino, Senior Marketing Director
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Austria

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BEST INNOVATION - CANDIDATE

KEYPLE FOR MOBILE

PROJECT DESCRIPTION

Keyple for mobile: multi-instance SAM management and multiplatform Keyple mobile client.

Implementation of Keyple
- for Calypso card mobile top up and reload services
- for Calypso card digitization secure sessions (remote vending system)

BENEFITS FOR END USERS

Abitility to "give life" to Calypso transit cards:
- The content of the card is available anytime anywhere.
- Ability to purchase tickets and passes without having to find or queuing at TVMs.

KEY INNOVATIONS

This is probably the first:
- Implementation of Keyple for SAM Management with Load balancing and failover, hot swap/plug/unplug with multiple instance management.
- Multiplatform Implementation of Keyple protocol for mobile services on Android and iOS

WIZWAY
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France

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BEST INNOVATION - CANDIDATE

HYBRID ACCOUNT/CARD-BASED TICKETING INTEROPERABILITY SOLUTION FOR TRAIN CHECKING

PROJECT DESCRIPTION

The SNCF and Matawan, the French leader in electronic fare collection systems, are offering a hybrid ABT/CBT checking solution for integrated train ticketing: within the same urban area, an ABT ticket holder can now board and be checked on the rail network equipped with a CBT system.
The user validates his urban ABT ticket at the station using a Matawan validator, which registers a CBT normalised timestamp event on his Calypso media. The user boards the train and the train inspector checks the Calypso ticket directly on board with his CBT control device.

BENEFITS FOR END USERS

The main benefit for end users is a seamless intermodal journey, allowing them to combine a bus trip with a regional train trip in their mobility area using the same ticketing system. They can use the train within the urban perimeter as part of the urban network, without any special action on their part.

KEY INNOVATION

Together, Matawan and the SNCF offer a unique service by using Calypso existing storage to register an entry that allows CBT to control the ABT ticket. With La Rochelle, they were, in June 2023, among the first users of the new Calypso Basic card.

Matawan
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France

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BEST INNOVATION - CANDIDATE

FASFEY

PROJECT DESCRIPTION

FastFey is a project that aims to innovate the means of payment in buses in Senegal.

Today in Senegal, there are several types of buses and the payment method used is tickets sold on the bus by an agent called receiver.
This system has its limits: the traveler is not in the process, the traveler does not have visibility on bus traffic, the ticket stock can exhaust...

BENEFITS FOR END USERS

- Know the route of the trip
- Buy a single ticket for different networks

KEY INNOVATION

- Innovation
- NFC
- QR CODE
- Calypso for mobile
- Calypso for card
- Calypso interoperability

AMM TECHOLOGIES
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PREVIOUS CALYPSO AWARDS

2022 Winners

Best Customer Service: **Transformation of the public transportation infrasctruture of Mexico City to address urban inequalities by SEMOVI Mexico CIty**

Nominees: Brupass validation on Mobile by BMC Mexico City reloading service by Mercado Libre

Best Innovation: **The first multi-app architecture based on HCE Calypso for Île-de-France Monbilités application by HID Global**

Nominees: Thales Calypso Prime G2 PKI by Thales DIS, Calypso Movy by Infineon

2019 Winners

Best Customer Service : **ANDA™ by Card4B**

Nominees: Samsung Pay -Transit Add-on by Samsung Pay, Multiprofile Card-Jamme Card by Unico Campania Consorzio

Best Innovation : **One Wave by ONE WAVE**

Nominees: ET- Blu by AEP Ticketing Solutions, TCT by RATP Smart Systems

2018 Winners

Best Customer Service: **Muver by TPER & Calypso Mobile Ticketing for Paris Region by Ile-de-France Mobilités**

Nominees: Viva Kiosk by OTLIS

Best Innovation: **SOMA ATLAS CLAP OPERATING SYSTEM by HID GLOBAL**

Nominees: 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

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

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

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

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

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

Best Innovation: **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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