

OPEN SESSION
Paris, 2024

**CALYPSO
AWARDS
2024**

A WORD FROM THE CHAIRMAN

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Dear Guests,

I am thrilled to see that our Awards continue to thrive, reflecting the ever-evolving nature of the Calypso standard, which consistently benefits end-users. It is also heartening to witness the vibrant innovation within our ecosystem, with many stakeholders introducing groundbreaking ideas. Tonight, I am delighted to honor these companies—whether they are users or providers of Calypso-based solutions—that have truly earned their awards.

After the very large number of projects submitted in 2023, we could have imagined a 2024 edition with fewer bids. But we didn't count on the plethora of projects based on our standard, and I'm more than delighted to be able to present the two Calypso 2024 Awards this evening.

I'm even more delighted by the diversity of the projects submitted. Not only is the major event of 2024 for our Ecosystem supported by several entries, but it is important to note that many other fields have been covered.

The projects cover not only ticketing as such, but also the deployment of new, greener media, the integration of Calypso into media offering greater security and services, the ever-increasing use of open source and, finally, the large-scale field launch of the latest Calypso spec.

All good news for the future of our standard.

I extend my heartfelt thanks to all the candidates for the exceptional quality of their submissions, to the jury for their dedication, and to all of you for your continued support of this annual event.

I wish you a wonderful 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

Yann Chermat, COO - CNA

Guido Cangiano, Technical Coordinator - Consorzio Unico Campania

Roland Janin - President - Billettique Services

Andrei Cristea, Independant Calypso Expert Technical Expert - CNA

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BEST CUSTOMER SERVICE NOMINEES

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BEST CUSTOMER SERVICE - NOMINEES

1ST CALYPSO TICKETING SERVICE ON IPHONE - PARIS REGION

PROJECT DESCRIPTION

IDFM rolled out its new smart ticketing service on iOS (iPhone & Apple watch) prior to Paris 2024 Olympics. After launching the service on Android smartphones (both ESE and HCE technologies) in 2019 and 2021, travellers in Paris Region public transportation system can now buy tickets and passes and use any kind of smartphones to tap at the gates in trains, metros and buses in the whole region. Implementation on iPhones totally comply Calypso standards. The system is widely used with millions of virtual transportation cards already issued on iPhones after a few months.

BENEFITS FOR END USERS

Buy and validate with any kind of smartphones within transportation app or wallets

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO

1st Calypso implementation commercially launched in a large scale network (1st transit card within Apple Wallet in Europe).

Île-de-France Mobilités

Benoît Boute, Ticketing System Manager

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France

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BEST CUSTOMER SERVICE - NOMINEES

SCREEN CARD

PROJECT DESCRIPTION

Our Screen Card is a proof of concept presented for the first time at Vivatech 24 (22-23-24 May) in Paris. This PoC consists on a Calypso electronic card with an electronic display providing information to the card holder, such as the remaining number of tickets or the end of validity of the current subscription, this in real time. Now that we have proven that it is feasible, it is up to the transport authorities to decide if they want to propose this new solution in their catalog of products.

BENEFITS FOR END USERS

As the end user knows the content of its electronic ticket in real time, i.e. the remaining tickets or the end of validity of its monthly/yearly subscription, he can anticipate reloading and/or renewing actions and then its experience is improved as it is simplified.

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO

Our PoC demonstrates that Calypso Cards has been well designed and allow such innovation without any modification of the Calypso file system or electronic ticketing equipments.

SNCF

Julien Cron-Silvy
Smart Ticketing Expertise Team Manager
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France

BEST CUSTOMER SERVICE - NOMINEES

FROM MAGNETIC TO CALYPSO BASIC PAPER TICKETS FOR ORLEANS

PROJECT DESCRIPTION

The project plans to replace magnetic by Calypso Basic full range of paper tickets in a short time with several suppliers required skills and flexibility. The challenge was quite demanding, to complete actual contactless cards with a full renewal of the occasional tickets for the whole network. It includes for Nagels design, test and validation of a completely new ticket media, to allow the deployment of 2 million Calypso Basic tickets within 6 months. With some 14 different types of contracts to be implemented to fit the hybrid ticketing system, the challenge was technical, industrial, logistical and time related.

BENEFITS FOR END USERS

The fluidity and convenience of contactless ticketing with a single technology and a unique gesture allow easy reloading and flexible payment options, streamlining the overall transit experience.

CONTRIBUTION TO THE DEVELOPMENT OF CALYPSO

This deployment is the first massive implementation of a Calypso Basic media ever, being one of the first ticketing project fully based on Calypso, with the full range of transit passes booklets for ticket vending machines (TVMs) and single-use tickets (14 different contracts), along with multi-distribution and encoding by retailers.

Keolis

Christophe Badesco, Project Manager

NAGELS

Eric Lopez, CEO Nagels France

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BEST INNOVATION NOMINEES

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BEST INNOVATION - NOMINEES

1ST VIRTUAL CALYPSO ON IOS DEVICE

PROJECT DESCRIPTION

In May 2024, Ile de France Mobilités was the first transit authority in Europe to provide its users with mobile contactless transit ticketing on iOS, based on virtual transit cards. This successful launch now provides all users (local and tourists, including visitors for Paris 2024 Olympics) with the best existing mobile transit ticketing experience users expect on their iPhone and Apple Watch devices. Wizway, leading mobile Calypso expert with more than 4 Mio devices equipped, enables a full Calypso transit personalization dedicated to the requirements of each transit authority/operator (card personalization, fare range....). Key partner Thales DIS adding global secure connectivity to Apple platforms.

BENEFITS FOR END USERS

Full mobile Calypso experience on iPhones and iOS devices : the best mobile customer experience for transit.

Any place, any time, in a few seconds, users can create a virtual Calypso card on their iPhone or Apple Watch, and immediately access public transit.

KEY INNOVATION

- 1st Virtual Calypso on iOS devices (Apple iPhone + Apple Watch)
- 1st OEM Wallet sale of Calypso Transit tickets

WIZWAY

Louis Brosse, CEO
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France

BEST INNOVATION - NOMINEES

100% PVC FREE CARDBODY FOR GEMALTO CALYPSO PRIME G3 CARDS

PROJECT DESCRIPTION

Reducing waste and pollution is one of the many THALES DIS ESG initiatives, therefore we aim to eliminate first plastic use. We have designed for the mass market, our PVC free cardbody available for Gemalto Calypso G3 cards. They are made from 100% recycled plastic, completely PVC-free with minimal toxicity, offering a more sustainable and safer option for everyone and meeting the same quality levels in terms of durability as PVC cards. PETG is a type of Plastic that's safe for use with food and drinks. It's similar to the PET used in water bottles but has added GLYCOL, making it less likely to crack. Recycled PETg: A thoughtful decision backed by comprehensive investigation

BENEFITS FOR END USERS

Support their journey towards more sustainable consumer behavior and responsible consumption.

KEY INNOVATION

First card manufacturer to propose 100% PVC free Calypso Prime cards today.

Thales DIS

Maria Ramirez

Product Manager Transport Cards

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BEST INNOVATION - NOMINEES

A FULL CALYPSO TICKETING SYSTEM BASED ON KEYPLE ON A LARGE SCALE (ALL FRENCH REGIONS)

PROJECT DESCRIPTION

The rebuild of the SNCF contactless ticketing system is entering in his final phase. The full solution is based on Keyple (Java Version), using the local version for Control /Validation and the distributed version for distribution/ personalization. It's deployed on various types of terminals form different suppliers and running on various Operating Systems. For the control function, The 10000 ticketing inspection devices of SNCF are already running with Keyple on the field allowing us to control all the different regional Calypso based ticketing application in France (Navigo, Korrigo, OURA, ZOU, Pass, Pass....).

BENEFITS FOR END USERS

The full Keyple solution is offering to the end user a state of the art system on all the terminals that will guarantee him a full interoperability. Moreover, Keyple It allows us to offer to our customers a reloading service on Android and IOS apps based on the same vending server that will be used for desks and vending machines.

KEY INNOVATION

A full ticketing system based on Keyple, in the local (for validation and control terminals) and distributed version (for distribution channels), with 7 differents plugins and hardware, and 3 different operating systems (Android, Windows, Linux).

SNCF

Nicolas Generali, Ticketing Solution Manager
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France



PREVIOUS CALYPSO AWARDS

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PREVIOUS CALYPSO AWARDS

2023 Winners

Best customer services: **Unico Calypso Region**

Nominees: Deployment of ABT in Menton - fully digital & interoperable by Keolis,
Pcard + Interparking for MaaS by Interparking

Best Innovation: **Hybrid account/card-based ticketing interoperability solution for train checking**

Nominees: Technologies Tegrion™ SLC26T security controllers for transport applications, Keyple for mobile

2022 Winners

Best Customer Service: **Transformation of the public transportation infrastructure 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 Mobilités 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

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2017 Winner

RAV-KAV ONLINE by PCentra

Nominees:

Hoplink first implementation by Parkeon
Smartwatch Calypso HCE solution by Poste Mobile

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 Spiritech & 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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SUPPORTING PARTNERS

