

Calypso®

Networks Association

Calypso Networks Association

The global community
of mobility players,
collaborating to design
and deliver quality
technical solutions that
go beyond ticketing



Welcome to the worldwide community of mobility players and problem solvers

As the governing body of Calypso Specifications, **Calypso Networks Association (CNA)** has **one simple aim: enable all mobility operators and authorities to deliver the best possible ticketing experience to their passengers.**

We have been doing this for over 20 years. Today, **more than 120 mobility organizations worldwide are part of the vibrant CNA community**, defining and driving every aspect of the organisation's continued growth and success.

The global CNA member network delivers collaborative action on the biggest challenges facing our industry: from **sustainability** to **security; accessibility** to **inclusivity**.

These innovations are delivered through the Calypso Open Standard: specifications that offer PTOs and PTAs **all the tools you need to easily build and master future-proof, sovereign, multimodal ticketing**, free from proprietary constraints.

The specifications are created **by the mobility community, for the mobility community**, precisely to meet the needs of operators and authorities today and tomorrow.

Membership of the CNA community is your chance to **get involved in the evolution of agile, resilient and trusted open standards**, and **the creation of new ones**. Read on to discover why so many organisations are already involved, and how membership of CNA could benefit you!



Gianluca Cuzzolin

Chairman of Calypso
Networks Association

If you'd like to discuss any aspect of CNA membership,
we'd love to hear from you!

Please get in touch by emailing **Manon Chaix** via manon.chaix@calypsonet.org

Why Calypso Networks Association?

CNA's mission is to bring technical and market experts together to share experiences and make their goals a reality.

We aim to:

Enable more sustainable strategies by collaborating with mobility and technical experts from around the world, sharing knowledge, business models, experiences and expertise through education, networking and strategic working groups.

Promote competition to reduce manufacturer costs and lower total cost of ownership (TCO) by avoiding system vendor lock-in.

Support innovation by removing fragmentation and creating a technically secure 'baseline' upon which stakeholders can build.

Encourage the use of open standards, accessible and usable by all, so you can truly master, own and advance your systems.

Advance global standardisation through the development of interoperable systems and standards.

Establish and grow the right relationships that help you win new contracts, answering tenders accurately with sustainable, long-term solutions.

*"We see reliable, seamless and interoperable ticketing as a key part of our vision for a smarter future for the Piedmont region, and **by being part of the Calypso community, we have a strong partner helping us realise this goal.**"*

– Massimo Coccozza, 5T S.R.L



Why become a CNA member?



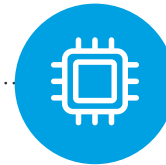
Networking and collaboration

As an inclusive and open association, CNA welcomes contributions from all relevant parties to combine knowledge and achieve common goals



Access CNA's working groups

Participate in CNA's working groups to influence the future direction of Calypso Specifications and solve your current and future challenges



Calypso technical documents

Get full, exclusive access to the Calypso technical document library, including specifications, guidelines, test plans and much more



Attend CNA's global events

Join the community at events around the world, including international conferences, exclusive networking opportunities, and the annual Calypso Awards!



Strategic insights and expertise

Receive preferential rates on strategic insights and support from our experts, aligned to local, regional, national or global mobility requirements



Training and education

To be a skilled operator, you need to see the big picture. Gain and maintain skills with preferential rates on CNA's year-round training programme, tailored to your requirements



Technical support

Receive comprehensive technical support with preferential rates

Why join the CNA community?

Networking and collaboration

CNA brings decision makers and experts together to push the boundaries of possibility. It continually asks, 'what's next' and provides the answers through collaborative action. It listens to members' aspirations and works with them, and the wider community, to help realise their future goals.

Our members include transport and mobility authorities, access controllers, operators and service providers, technology manufacturers and transport consultants.

Our numerous in-person networking events, supported by online engagement, engage a diverse and welcoming community which spans public and private sector organisations.

Together, we collaborate as part of what members call a 'true community', where all contributions are respected and valued.

"We value CNA as a non-profit organization that brings together members of the transportation, mobility, services communities, as well as the industry, to exchange ideas, experiences and requirements in order to define sustainable, secured and innovative transport solutions based on open standards."

– Björn Scharfen, Infineon



Why join the CNA community?

Access CNA's working groups

CNA experts and members continually analyse Calypso's offering to robustly and elegantly evolve the standard to meet the ambitions of the global community.

By joining and participating in CNA's working groups, each member can influence the future direction of Calypso Specifications.

As a member-driven organisation, CNA facilitates collaboration through strategic and technical working groups. Members can openly discuss challenges, potential solutions and ultimately help refine the open Calypso Standard to suit the practical requirements of mobility stakeholders worldwide, long into the future.

CNA's working groups are aligned to key strategic priorities:

WG1

Improving and developing Calypso's reference specification to provide an appropriate solution to transport operator needs. WG1 incorporates dedicated Technical Committees focused on: Card; Terminals; Security; Interoperability; Mobile; and ABT.

WG3

Promoting Calypso Standards worldwide and participating in national and international standardisation initiatives to encourage industry best practice.

WG2

Championing interoperability between and among transport networks, to ensure that any Calypso portable object can work with any Calypso terminal.

WG4

Supporting the promotion of Calypso and its benefits through dedicated events, communications and marketing.

"Being part of a community like Calypso Networks Association (CNA) makes facing challenges easier.

CNA brings together the brightest minds within the transport and mobility community to collaborate and enhance transport ticketing.

By being involved, SNCF Voyageurs is actively participating in the drafting of standards documents that benefit us and passengers."

– Joel Eppe, SNCF



Why join the CNA community?

Attend CNA's global events

CNA brings experts together to push the boundaries of possibility. It continually asks, 'what's next' and provides the answers through collaborative action.

It listens to members' aspirations and works with you, and the wider community, to help realise your future goals.

CNA runs a global programme of events that provide members with exclusive opportunities to network with other industry professionals, learn new skills, discuss challenges and collaborate on solutions.

All CNA events – including our flagship annual series of CNA User Days, Partners Day, Open Tech Day and Open Session – are carefully designed to address the priorities of members, and take place in a variety of formats, including fun networking sessions, dedicated training days, invaluable technical workshops and engaging regional conferences.

"An inspiring forum and it's always a pleasure to be present. I believe that sharing, whether it be technology, or ideas for passenger services, is enriching for all members within this community – vendors, PTOs, PTAs, consultants and "gurus" – all of whom are passionate about ticketing in public transport. Thank you, CNA!"

– Roberto Evoli, Sigma



Why join the CNA community?

Strategic insights and expertise

CNA is supported by a world-class team of experts with industry-leading knowledge and unparalleled experience across the transport and mobility sector.

The CNA team regularly provides strategic support and expert guidance on industry best practice, aligned to local, regional, national or global ticketing requirements.

CNA's expert team is also available to support and educate organisations who wish to learn more about the benefits of adopting Calypso as an open standard mobility ticketing framework.

"We were looking for a partner to support us in ticketing security matters, and naturally we thought of CNA.

We have established a real partnership with the association and its dedication to helping all organisations improve their mobility offer is impressive.

In addition to its unrivalled know-how and experience, CNA is a great listener and knows how to put its energy into carrying out fundamental tasks, including security, where it can help analyse risk as a matter of huge importance for PTOs, such as IDFM.

Our collaboration is fluid, constructive and fruitful for IDFM. We have made the right choice and believe that with CNA and its governance, this association will remain long-lasting and prosperous."

– Claude Camilli, Île-de-France Mobilités (IDFM)



Why join the CNA community?

Training and education

CNA delivers a comprehensive, year-round training programme to promote industry best practice and support the future development of the industry.

Training provides an opportunity to learn new skills, share experiences, refine strategies and gain a deeper level of understanding on how to get the most out of Calypso Specifications.

All training is tailored to industry requirements, including dedicated sessions for transport and mobility authorities and operators, as well as technology manufacturers and transport consultants. CNA can also support with bespoke training programmes upon request.

“We would like to thank CNA for the warm welcome and high-quality training which was very useful for us.

We intend to put the modules studied into practice to benefit both our current and future projects. We look forward to continuing to work closely with CNA in the future.”

– Khadim Cissé, Dakar Urban Transport (CETUD)




Why join the CNA community?

Technical support

All Calypso Specifications respect existing open standards to enable seamless integration and support global interoperability.

CNA offers additional peace of mind through its expert consultants and its dynamic team of technicians, who are always on hand to offer technical support and assistance as required. Members of CNA also benefit from preferential rates.



“RATP was a pioneer in implementing Keyple in a major project involving some 1,500 terminals rolled out in the Paris Region. Time was critical and although Keyple was chosen to ease the integration of Calypso in contactless terminals, support was required, all the more as this was the first major implementation of Keyple which incurred teething issues for obvious reasons.

The support we received from CNA was invaluable. Not only was their level of expertise second to none but the amount of support they provided and their responsiveness was truly outstanding.”

– Agnès Cougnard, RATP Group

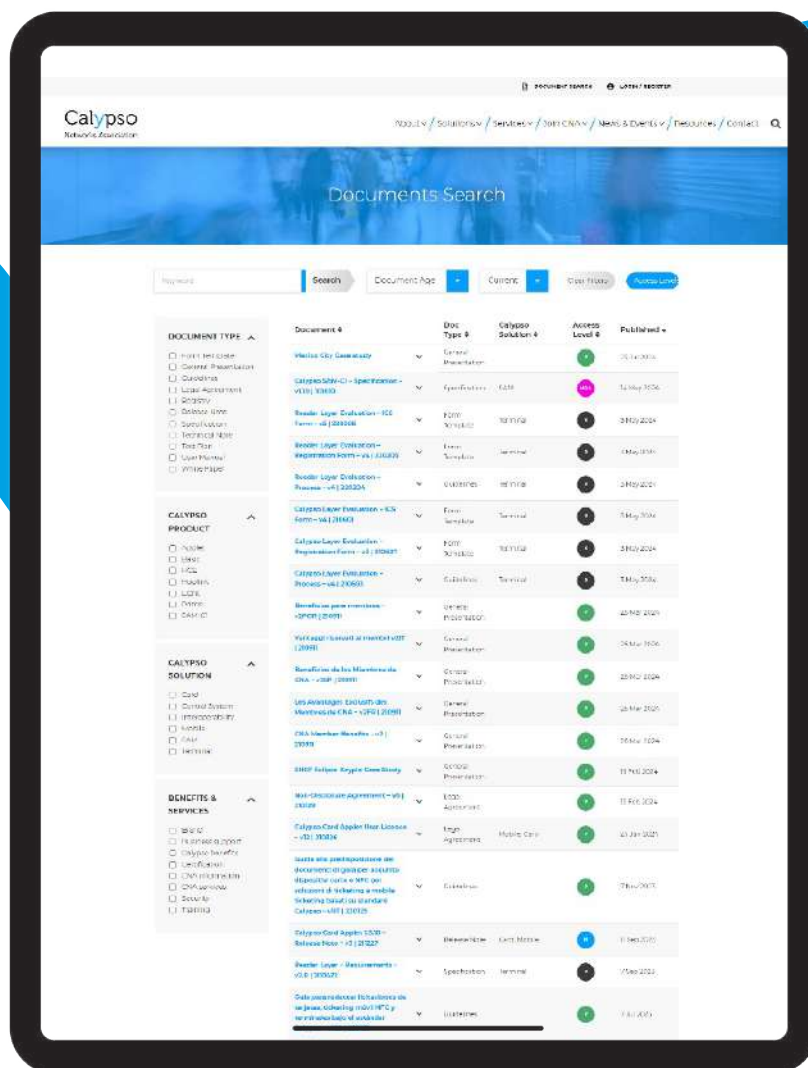
Why join the CNA community?

Exclusive access to Calypso technical documents

Members of CNA receive full access to the extensive Calypso Technical Document Library, including documentation, specifications, and guidelines.

Many documents, including implementation notes and audit and security specifications, are exclusively available to CNA members.

A small number of documents will require a non-disclosure agreement (NDA) to gain access, in accordance with CNA's security guidelines.



Types of membership

CNA offers three different types of membership:

Effective

Do you play a role in providing mobility services to end-users? Then our “Effective” membership is for you!

This membership is for organisations directly servicing passengers and access control users, including:

- Local authorities
- Public transport authorities (PTAs)
- Public transport operators (PTOs)
- Service providers
- Mobile phone operators
- Access controllers
- Banks and financial service providers

Adhering

Do you provide technology that helps operators and authorities serve passengers? Then you need our “Adhering” membership!

This membership is for providers of Calypso-based solutions, including:

- IC manufacturers
- Card embedders
- Terminal providers
- Fare collection integrators
- Software providers
- Consultancies helping users to implement Calypso Specifications

Gold

Or why not apply for Gold membership, available to both Effective and Adhering members who want upgrade and receive additional benefits and support, including:

- A seat as a Director on the CNA Board
- Additional marketing support via CNA’s promotional materials
- Ten days of strategic / technical support from CNA per year
- Adhering members who upgrade to Gold membership also get participation and voting rights in the CNA General Assembly (something otherwise reserved only for Effective members)

Please visit the CNA website www.calypsonet.org for further details on membership packages and pricing.

How to join the community

For more details...

To learn more on CNA membership packages and pricing, visit

calypsonet.org/become-a-member/

Ready to join your peers from around the world?

Complete an application form:

calypsonet.org/become-a-member/

Have questions?

Contact our friendly team:

calypsonet.org/contact-us/

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