

Calypso

Networks Association

At the end of the Calypso European Project, and given its great success, it appears clear to its participants that it was necessary to extend their cooperation to guarantee the evolution of the specifications and the promotion of Calypso on a global scale. The originality, and the strength, of Calypso, its independence from a manufacturer, clearly needs to be conserved.

Consequently they decided to sustain the existing club of users and to reinforce its role and its missions by creating the Calypso Network Association (CNA). This initiative received the full support of the European Commission, as a way to ensure the diffusion of the results of Calypso as widely as possible.

CNA was established in Brussels as a non-for-profit association under the Belgium (ASBL) in 2003, with the founder members of the project (OTLIS-Lisbon, ACTV-Venice, STIB-Brussels, LKRKN-Constance and RATP & SNCF-Paris).

CNA objectives

The objectives of CNA are to:

- Establish long lasting relations between all the partners using Calypso specifications.
- Define and direct the reference specifications.
- Implement a certification policy, to guarantee the compatibility of all current and future products.
- Establish a Calypso label issued by an independent organization.
- Promote Calypso to operators and manufacturers to yield its distribution.
- Contribute to the international standardization process.
- Facilitate and harmonize the shared members' needs and experiences.
- Encourage all actions of mutual assistance in the implementation of Calypso e- ticketing systems.
- Promote and manage the Hoplink solution for interoperability.
- Encourage the initiatives to associate Calypso ticketing applications in multiservice environments.

CNA membership

Who can join CNA?

CNA is open to all actors playing a role in the Calypso environment, whether it is a user or a provider of Calypso.

If you operate a ticketing system using Calypso and/or deploy Calypso media for end-user customers (transport operator or authority, collectivities, banks, service providers, mobile phone operators, etc.), you join CNA as an **Effective Member**.

If you are a provider of Calypso (IC manufacturers, card embedders, terminal providers, fare collection integrator, etc.) or a consulting company/study office helping users to implement Calypso, you join CNA as an **Associated Member**.

Why join CNA?

As an **Effective Member**, you participate in all decisions on Calypso: evolution of specifications, security, election of Board members, approval of accounts and moral report, participation to the General Assembly. You may be a candidate to become a Board member.

Consequently, Calypso evolutions are really led by its users, who are the ones taking the decisions through voting procedures. You are responsible for the main orientations that CNA has to take in order to guarantee the investments that you have made when implementing a ticketing system. In CNA, we are truly sure, because the users are the ones who are responsible towards their customers that they have to anticipate potential difficulties and to decide on preventive actions by themselves. It is particularly true as a matter of security, where it is necessary to manage a roadmap of improvements in order to anticipate the evolutions of hacking methods.

As an **Associated Member**, you represent the point of view of industry and manufacturers in CNA, which play a key role, because providing all Calypso components. You push the evolutions of Calypso in the adequate directions through your knowledge of the market and of the major technical evolutions to come. You can better anticipate the evolutions of Calypso, in order to implement them in your systems or products.

CNA facilitates exchanges between the different providers of Calypso products, particularly media providers and terminal providers, which allows them to more easily avoid problems of compatibility.

All Calypso members benefit from the following advantages:

- Participation in the Working Group activities.
- Preferential tariffs for participation in the events organized by CNA. See the upcoming events in NEWS/EVENTS.
- Access to all the Services provided by CNA (Hoplink, Certification, Applet, Training, Demonstrator, Documentation, Assistance to implementation, etc.).

All Calypso members benefit from fruitful exchanges with other members, between users and providers, in an international context.

How to join CNA?

You may directly register at CNA by filling in and sending the Registration Form. If you are interested in one or more services offered by CNA you may indicate it in the same form.

Your request to be a CNA member will be subjected to the CNA Board and, after validation from the Board, your membership will be effective after receipt of your payment by bank transfer to the following account:

Who are the CNA members?

Today, CNA welcomes more than 70 members.

You may see all the current members of CNA on the [CNA Members list](#).

CNA Management

General Assembly

The General Assembly of the members of CNA is held each year in April. Effective members participate, and, upon decision of the Board, associated members as well.

The role of the General Assembly is to:

- Elect the Board members for 3 years.
- Modify the statutes of the Association.
- Approve the accounts.
- Decide on the exclusion of a member.
- Decide on modifications to CNA finality (presently an ASBL under Belgium law).
- All other decisions to be taken under proposal of the Board.

Vote right of the dependent upon members is subjected the payment of their membership fee.

Board

The Board is composed of, at least, two members and, at most, eleven members.

The Board is elected for 3 years.

The Board has all the attributions and makes all decisions, except if they are assigned to the General Assembly.

The Board establishes the account and the activity report of the Association, to be submitted to the General Assembly. It prepares the budget.

The Board members can be dismissed by the General Assembly.

The Board members elect among themselves:

- The President of the Association,
- Optionally vice-presidents,
- The General Secretary,
- The Treasurer.

- The Chief Operational Officer (COO).

Working Groups

The activities of the Association are realized by Working Groups.

The Board decides the Working Groups to be set-up.

Present Board composition

The present Board, elected during the General Assembly in May 2017, is the following:

- ACTV (Venice)
- CTS (Strasbourg)
- Interparking (Brussels)
- Landkreis Konstanz (Konstanz)
- OTLIS (Lisbon)
- RATP (Paris)
- RigasKarte (Riga)
- STIB (Brussels)
- SNCF (France)

President: Philippe Vappereau RATP

General Secretary: Frank Hämmerle Landkreis Konstanz
Ralph Gambetta

Vice-presidents: Joel Eppe | SNCF
Maria Regina Ferreira | OTLIS
Gianluca Cuzzolin & Morgan Chirici | ACTV

Treasurer: Erick Baele STIB