Calypso® Light – the multifunctional ticket not only for public transport

The Calypso® Light Ticket from **nagels** is designed for use in public transport, events and access control. It is a perfect solution for low-cost, contactless ticketing. Calypso® Light complies with all international standards, is independently certified and designed to require a low volume of data in the terminal software for managing ticket transactions.

KEY BENEFITS:

- High security and fast contactless transactions
- Reusable and reloadable cards for more sustainable ticketing
- Strictly compliant to all standards Full, independent, end-to-end certification
- Fixed file structure for a smooth integration into existing Calypso® scheme
- Adapted to ABT schemes, with highly secure authentication
- An immediate answer to quickly address occasional and regular users of Public Transport
- Provides the same security level as Calypso® Prime
- Supports two contracts

USE CASES:

The Calypso® Light Ticket meets all the requirements of occasional users and account-based ticketing. With full compliance to standards, the ticket guarantees high security and performance. At **nagels**, watchdata's TimeCOS® Clap operating system, certified since 2019, is integrated with the chip.

Calypso® Light can complete your existing ticket offering, from annual and monthly passes to tickets for occasional users, all with just a minor change to your device software.

TECHNICAL DETAILS:

- ISO/IEC 14443 and CEN/TS 16794
- ISO/IEC 7816-4
- Calypso® Secure Session with Triple DES hierarchical keys
- Common criteria EAL4+ hardware platform
- 2 distinct file structures: legacy and standard
- Counters, cyclic log of events and other applicative data
- Tailored for any data model (e.g., EN 1545 transport data structures)