

Transport

PAYMENT

A comprehensive offer for smart ticketing



Contactless transport cards offer transit passengers a quicker, more convenient way to travel. Internationally transport networks already count among the world's largest contactless infrastructures, and migration to full contactless technologies remains a core objective for operators wanting to adapt to cost-effective, sustainable transport solutions.

Designed to meet the demands of the mass transit industry, the PlatonIC product range is Oberthur Technologies' smart object solutions for the yearly, monthly, weekly and even daily smart ticketing requirements of mass transit operators.

Queue-reducing transport solutions that fit in every pocket

The PlatonIC range provides complete flexibility in applied ticketing solutions to provide operators with a customer-centric approach. The PlatonIC range provides both dedicated transport cards as well as providing the scalability to launch convergent technologies: Java applets for banking, identity or mobile can be loaded onto any of the Java platforms to provide a truly multi-application solution.

Benefits:

- Replace paper tickets with cards, fobs, mobile phones, contactless USB keys.
- Supporting Calypso™ and Mifare® systems.
- Best in class mechanical resistance.
- A commuter-centric approach to innovations.

Product range

From entry-range Mifare cards through to advanced range products based on Mifare DESFire and Calypso technologies, the PlatonIC product range offers a comprehensive transport offer for urban transit systems:

- The highly secure Calypso multi application solution is delivered as both contactless and dual interface products.
- Converged mobile and banking applications can be integrated via PlatonIC's comprehensive range of Java applet developments to augment commuter services and reduce queuing times.
- Oberthur Technologies' comprehensive range of contactless form factors including USB keys, mobile phones, fobs and stickers – all of which can be easily adapted for smart ticketing.
- The PlatonIC range can be rapidly developed and personalized anywhere in the Oberthur global network, providing fast deployment of new transit solutions.

PlatonIC Mifare®

Designed for cost efficient e-ticketing with fast transaction times, PlatonIC Mifare 1k/4k entry-range products are low EEPROM cards. The advanced range PlatonIC DESFire products offer Mifare® technology contactless card solutions for transport operators. They contain security DES algorithms, to enable the launch of multiple applications and fully comply to ISO 14443 at levels 1/2/3/4.

PlatonIC Calypso™

The PlatonIC Calypso advanced product range is available in both dual interface and full contactless format and is fully compliant with both ISO 14443 Type B and ITSO standards. Transit operators gain value-added service applications like loyalty, stored value and access control.

PlatonIC Java applets

The Java applet development extends the PlatonIC product's transport applications for use on banking, identity or mobile products. PlatonIC applets can be loaded onto different smart objects, including banking, identity or SIM cards as well as on USB keys – offering transport operators both product flexibility, and a way of easily scaling a product to continue to meet evolving commuter needs. To enable best-in-class transaction times, Oberthur Technologies recommends the state of the art Cosmo Fly 3.7.2 Java platform.

PlatonIC WebSTIC Fly

Transport Operators aiming to offer new Internet-based services like travel pass top-ups can use the PlatonIC WebSTIC Fly range; designed to allow secure download of tickets or travel contracts over the Internet. Used for e-ticketing, the PlatonIC WebSTIC Fly is a USB key solution offering both end-user convenience and ease of deployment: personalization can be performed in factories as cards or securely in the field. PlatonIC WebSTIC Fly is available in either contactless and NFC forms and can be adapted to the technology requirements of the transport operator.

NFC solutions

Oberthur Technology's NFC solutions supports the latest transport and mobile standards: including Calypso™, ISO 14443A/B, ETSI SWP and HCI and Global Platform 2.2 as well as Mifare. Commuters can use NFC devices that seamlessly converge payment, ticketing and mobile solutions with a complete Over The Air (OTA) download and personalization system to allow banks, transport and mobile operators to work together.

Personalization services and fulfillment

The PlatonIC range is fully supported by PersoTONIC, Oberthur Technologies' global, scalable personalization solution, which enables PlatonIC card profiles to be rapidly developed and personalized across the globe.



Oberthur Technologies respects the environment.

The number of printed brochures produced by the company has been significantly reduced to save paper. Printed documents are produced on FSC-certified paper using aqueous inks to reduce environmental impact. Datasheets are available in electronic format only.

Electronic documentation can be downloaded in PDF format here:

www.oberthurcs.com/downloads.aspx