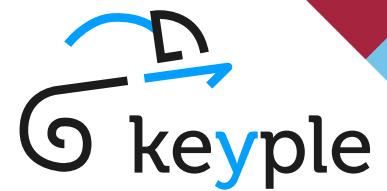


Eclipse Keyple®

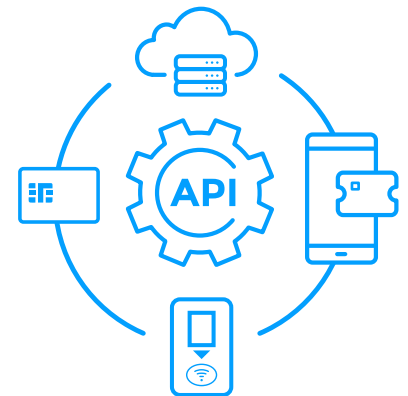
from Calypso Networks Association



A simple, universal, open source SDK (Software Development Kit), enabling the development of smart, innovative ticketing offerings that are low-cost and easy to implement.

Keyple captures decades of technical transport ticketing experience to help make visions of advanced, joined-up ticketing ecosystems a reality for all.

As an open API, Keyple facilitates the development of low-cost, advanced, compliant smart ticketing software for terminals to help the ticketing community evolve freely and implement solutions without proprietary constraints.



How can Keyple help you advance ticketing?

FOR DECISION-MAKERS

- ✓ No vendor lock-in; become master of your own system without limiting the tender process
- ✓ Flexibility to introduce new solutions that are easily integrated and fully compliant
- ✓ Reduce lead-in time for ticketing infrastructure changes and upgrades that are fully aligned to passenger expectations

FOR TICKETING INTEGRATORS

- ✓ Quick responses to passenger ticketing demands for smart, flexible ticketing
- ✓ Look beyond any proprietary solutions with confidence
- ✓ Reduce the cost, complexity and necessity of attracting and retaining staff with specialist ticketing skills

FOR DEVELOPERS

- ✓ Produce smart ticketing software without extensive training and familiarisation time
- ✓ Flexibility and independence to work without existing proprietary hardware constraints
- ✓ Access to a developer community dedicated to building a smarter future for ticketing

FOR THE WIDER MARKET

- ✓ Accelerated journey to a smarter future for ticketing
- ✓ Tools to create an integrated ticketing offering for effective MaaS policies
- ✓ Secure ticketing for every application e.g. events, sports and leisure infrastructure or value-added retail loyalty schemes.

How does it work?

- ✓ Library of Java and C++ functions and fully documented APIs
- ✓ Used to develop terminal-hosted applications similar to 'plug and play' that communicate with NFC fare media such as smartcards, smartphones or wearables
- ✓ Works with several operating systems, including Windows, Linux, Android and iOS
- ✓ Three different modular layers: Plug-in, Core, and Calypso
- ✓ All layers are open, documented and independent, providing an accessible API, enabling developers to only work with the layer they need.

How can I find out more?

Get started with your smart ticketing journey at www.keyple.org

