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](http://www.keyple.org)