

Allynis™ TSM for Transport

IIIIII A complete Trusted Service Management offering for transport operators to embrace NFC opportunities



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gemalto
security to be free

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NFC phone – the new smart media in transport

Contactless ticketing makes the process of buying and using ticket faster, easier and more convenient for the passengers. With over **1.5 Billion** contactless cards deployed globally for automatic fare collection purpose, contactless ticketing acceptance is proven.

NFC phones offer the same benefits plus further significant advantages; they have a keyboard and a screen and are connected to the mobile network.

NFC phones provide all the benefits to become the dominant smart media in the transport industry of tomorrow.

> **Compatibility** with the installed-based contactless infrastructure used in almost all major cities all over the world.

> **Enhanced usability** for passengers to check on the phone screen the status of the tickets that are loaded on the phone such as the balance and the transaction history.

> **Speed and convenience** for passengers to buy and top-up tickets over the air reducing the hassle for passengers and reducing costs for transport operators.

> **Information channel** to passengers to offer travel information such as timetables, maps, live departure boards...and **cross marketing** opportunities.

NFC phones are set to revolutionize transport ticketing and bring significant benefits for passengers and operators.



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Gemalto – Your trusted partner

Leveraging our unique expertise in NFC, OTA and smart card personalization, we offer TSM services to transport operators for managing the life cycle of their applications in NFC phones.

We offer a **wide range of integration and managed services** to transport operators

- Enrollment of NFC customers
- Check customer eligibility for NFC services
- Graphical User Interface (wallet) development

- Over-the-air application provisioning and personalization
- Over-the-air ticket and product reloading
- Integration of Gemalto TSM customer care interface with the transport operator customer helpdesk

> **Branding can be done according to transport operator need**

> **Service level agreement that guarantees high availability and banking grade security**

Our data centers and processes are certified by banking organizations to offer best-in-class secure managed services

> **Compatibility with installed-based contactless transport infrastructure**

We offer TSM services that are compliant with most of the contactless transport technologies used by the public transport organizations around the world (MIFARE, DESFire, Calypso...).

> **Secure and modular platforms**

The Gemalto Trusted Service Management platform relies on existing standards such as Global Platform and MIFARE4Mobile. It is based on a distributed, multi-tiered architecture that interacts with transport operators back-end systems and Mobile Network Operators OTA platforms via standard, secure web services.

The Gemalto TSM platform is able to provision applications in SIM cards and also on other form factors such as embedded and external secure elements.