

SMART CARD LIFECYCLE MANAGEMENT SYSTEM

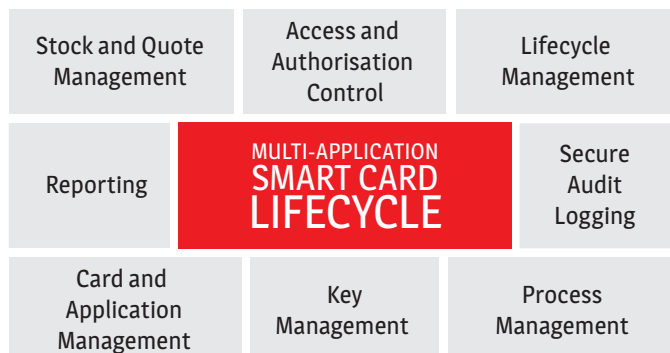
End-to-end solution for smart card lifecycle management

The Multi-application Smart Card Lifecycle Management System will help you improve customer service and satisfaction by tuning your products to customers` current needs and enhancing customers` experience by creating new products.

OVERVIEW

The Multi-application Smart Card Lifecycle Management System enables you to manage the entire life cycle of your smart cards, tokens, and their applications, from data preparation and personalisation of applications on the chip to post-issuance activities – issue, re-issue, block/unblock PINs, and final revocation of smart cards.

This smart card lifecycle management system provides a turnkey solution for Card Management, Application Management, and Key Management related processes. Open and modular architecture provides enough flexibility to support today's and tomorrow's requirements – by adding new modules, or via integration with systems built by other vendors.



Modular architecture of the Smart Card Lifecycle Management System

FUNCTIONALITY

Complete card lifecycle management, including:

- Key management
- Importing of data from external Card Management or Core
- Banking systems
- Single or multi-application card profiles
- Data preparation and chip personalisation
- Card issuance
- Post-issuance activities - updating, adding, and deleting of chip applications and their data.
- Re-issuance in case of a damaged or lost card
- Re-initialization of user profile

Multiple security mechanisms

- Access and authorization control
- Authorization steps / 4-eyes principle for system operators
- Role and Rights management for system operators
- Encrypted data communication
- Using of HSMs for logically and physically protected storage of cryptographic keys

Cards stock management:

- Monitoring of blank cards available in the stock, and generation of new orders for card manufacturers
- Tracking of card movements from manufacturers to personalization centers and to cardholders

Safety assurance:

- Secure data storage within the system
- Supports requirements for the cryptographic protection of multifunctional cards and applications
- Supports standard interaction procedures with certification authorities

Application transportation:

- Application transportation to personalisation bureaus and via transfer Internet channels
- Connection to mobile operators for over-the-air (OTA) personalisation

Comprehensive reporting and audit trails:

- Tracking of card status on all lifecycle steps
- Every activity is automatically saved
- User reports, and audit trails with archiving