

# Smart Cards Retail

card software



by  
**UC** UNICARD

Unicard is a leading provider of card management products for transport schemes. Our offering is built around a suite of software covering:

- Instant card issuance and ticket retailing
- Cardholder and card management
- Transaction management
- Bureau card production
- Smart card testing
- Middleware and 3rd party application integration software.



## Transport Card Software

Transport card schemes with a complete solution to issue cards, add products onto issued cards and manage cardholder data

Our system works with a wide variety of card media and printers to provide a truly flexible and cost effective solution that can be tailored to your card scheme's exact needs. Whether is it used on the front desk for immediate ticket issuance, or behind the scenes as part of a larger card production bureau, SCR has the tools necessary to issue cards wherever and whenever needed.

And the story doesn't end when the card is issued. SCR will continue to add value through 'post-issuance' - cardholders can return with their cards to have new ticket products loaded, or current tickets updated, simply by placing their card on a dedicated reader. Full remote functionality can also be facilitated by using SCR to send updates (requested at the helpdesk or over the internet) to remote terminals - for example on busses to apply changes when the card is next presented.

Issue Cards

Add Products onto Cards

Manage Cardholder's Data

# SCR Main Features

° **Printing and encoding of products on paper, plastic and/or smart cards**

- Connects to a range of printers to cover all card types
- Interfaces to contactless or contact smart card encoders in the printer

° **Selling new products or reloading products on existing cards**

- Encodes over a contactless second smart card reader
- Includes touch screen option

° **Optional registration and management of cardholder details**

- Incorporates duplicate record detection
- Includes photo capture from web-cam, scanner or electronic file
- Encompasses address look-up integration capability

° **Batch issuance**

- Facilitates upload from imported data files
- Allows selection of records in the software

° **Self service capability**

- Issues pre-requested cards

° **Product and card management**

- Renews on-card services
- Updates cards
- Hotlists cards
- Invalidates cards
- Incorporates event messaging to external systems

° **Integration capability with internet sales and/or service desk**

° **Reporting of financial statistics including cash and card Payments**

- Includes custom reports integration capability

° **Letter and receipt printing**

° **Secure access management**

- Incorporates system level user name and password login
- Includes administration function to configure user groups And associated access rights

° **Staff card management**

- Incorporates specific staff card format
- Facilitates attendance monitoring extension

° **Administration**

- Incorporates extensive audit functionality
- Handles file import and export
- Includes archiving capability

° **Fully configurable:**

- Multiple card types
- Multiple printing layouts, including barcode
- Multiple card formats: proprietary or ITSO
- Multiple card products available
- Multiple printers: single/dual side, black and white/colour, Plastic cards or Letter and receipt printing
- Low cost paper smart cards printer
- Scheme security

° **Flexible implementation**

- Standalone installation with single SCR and database
- Networked installation with multiple SCRs and shared database
- Implemented with MS SQL or MSDE databases



## Hardware and software requirements

**PC Platform:**

Microsoft supported operating systems

- Windows XP Professional (recommended), Windows 2000 Professional
- Windows Server 2000 or later

**Databases:** MS SQL Server 2000 or 2005 or MSDE 2000

**Card printers:** Integration capable with any printer with Windows driver with a specific Windows transport driver

Existing integrations include Evolis, Javelin, Fargo, Dai Nippon, Newbury Data.

**Receipt printers:** Any printer with Windows drivers

**Readers:** PC/SC contact readers and the Gemini2000 contactless reader range

**Image capture:** TWAIN compatible multimedia devices like web cams or scanners

**Card encoding:** ITSO or proprietary formats