



Smart Toolz[®]

Smart Card Development Kit



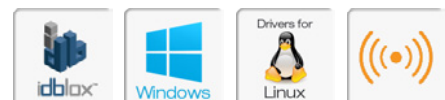
Smart Toolz[®] is a comprehensive suite of software and hardware components that includes everything you need to develop contact and contactless memory smart card applications. The toolkit features the CardAppz[®] software, enabling marketing professionals to fully demonstrate a card's capabilities within a fully configurable card database and system. Also included is the Card Configuration Utility software, allowing designers to configure a card's parameters, load data to the card, and then communicate with the card through the supplied Winplex[®] middleware.

Features and Benefits

- Full support for Windows XP, Server 2003, Server 2008, Vista, and Windows 7
- On-card data editor allows you to load user data, then edit immediately
- Supports the newest CardLogix cards and file types, including extended file types
- Advanced PC/SC reader support including PCMCIA, ExpressCard, USB, and dual mode readers
- Sector and key manager for complex multi-user environments
- Time-saving Winplex[®] middleware
- Support for the latest NXP[®] and Atmel[®] contactless chips, including DESFire EV1
- Fully configure your OnCard application with production settings
- Sample code enables you to write your application in VB, C++, and C# .NET

Smart Toolz Includes

- Winplex middleware
- User manual
- Contact and contactless reader/writer
- 5 contact memory cards
- 5 contactless memory cards
- CardAppz demo software
- Card Configuration Utility
- Programming examples in Visual Basic, C++, and C# .NET



Card Configuration Utility and CardAppz Screenshots

The image displays two primary software interfaces used for smart card development: the CardLogix Card Configuration Utility and the CardAppz application.

CardLogix Card Configuration Utility: This utility is used to configure smart cards. The top window shows settings for a "Memory Card CLXSA256KA5" connected to an "SCM Microsystems Inc. SDI010" reader. A "Write File To Memory" dialog is open, showing a file named "sample.txt" (602 bytes) being written to the card. The bottom window shows configuration for a "Contactless Memory Card CLXRN032KN4" (Mifare Classic 4K). It displays a table of keys and sectors, and various configuration options like "Sector Trailer Configuration" and "Data Blocks Configuration".

Block	KEY A values	Access Bits	KEY B values	Sector
STRLR 15	FF FF FF FF FF FF	07 00 69	FF FF FF FF FF FF	
DATA 14	00 00 00 00 00 00	00 00 00 00 00 00	00 00 00 00 00 00	0
DATA 13	00 00 00 00 00 00	00 00 00 00 00 00	00 00 00 00 00 00	3
DATA 12	00 00 00 00 00 00	00 00 00 00 00 00	00 00 00 00 00 00	

CardAppz: This application manages card data. It shows a grid of records and several data entry forms. One form is for "CT - Conventions & Conferences Contactless 1.mdb", showing fields for "Attendee -First Name", "Attendee -Last Name", "Company", "Title", "ID #", "Address", "City", "State", "Phone #", "Zip Code", "Country", "# of Employees", and "e-mail Address".

Identity

7200067A