

The Intelligence Behind The System

The VFJ proprietary system is evolved from our unique system design concept. VFJ software extends beyond the basic level of operation with a real time operating system which optimises all the necessary functions intended for the application. There are three components within this robust software to provide all aspects of contactless smart card system integration and management:

- Smartcard Security Manager (SmartSMan)
- Smartcard Development Kit (DevKit)
- Card Reader Application Programming Interface (RAPI)

The development kit and software are designed for the 32-bit (Windows 9x/NT/ME/XP) platform with built-in bi-lingual support in Chinese and English.

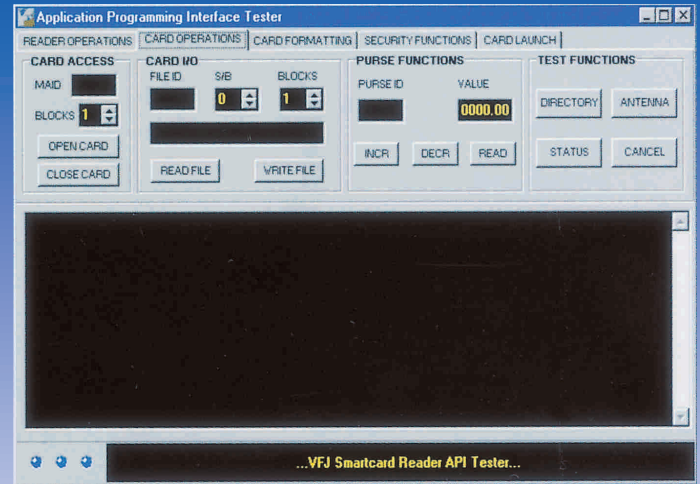
Smartcard Security Manager (SmartSMan)

The SmartSMan has been developed to allow card issuer organisations to manage their smart card system security. It provides functions to define their own unique master and application base keys. The keys generated are stored in a Secure Key Storage Device attached to the PC system. Besides the storage device, SmartSMan also comes with documentations, an application program, and a comprehensive set of API DLLs.

Smart Card Development Kit (DevKit)

The Development Kit (DevKit) by VFJ Technology is designed specifically for systems developers and integrators. It provides a testing and learning tool covering the functionalities of the reader device. The development kit package includes the following software tools:

- DevKit Application Program
- User Manual (software media)
- Card Reader API DLL



Card Reader Application Programming Interface (RAPI)

The Reader Application Programming Interface (RAPI) encapsulates the low-level Reader Communication Protocol (RCP), the Reader Request Protocol (RRP) and other customised functions. These are provided in the form of a Dynamic Link Library (win16 and win32 DLLs) to simplify and accelerate development of PC based smart card applications.

Ordering

Devkit-1 Development Kit, including:

- DevKit Application Program
- User Manual (software media)
- Card Reader API DLL

Smar-01 Smartcard Security Manager (SmartSMan), including:

- Software
- Card Formatting Utilities
- 2x Crypto box