# DES/PKI Card

## Overview

SUNZone is powering provider of security solutions in Taiwan , Our products provide specialized core security technology, software and complete hardware solutions . SUNZone focuses on providing security solutions that assure identity and protect the physical & virtual over public and private environment. SUNZone cryptographic component, RFID module, smart cards & reader, client software development, Access control applications and security integrated solution enable conveniently access to reliably identify users and open doors in Digital Worlds.

Our Smartcard solution offers the consumer value, choices, higher qual ity and access to more services such as PKI solution , pay-for-view, and games, home shopping, home banking and high-speed Internet access. Set top boxes, and eventually integrated digital TVs must provide the viewer with controlled access while adhering to open standards, so that multiple services from multiple vendors can be received.

*Full 256 Kbytes of EEPROM memory for application data*
*Compliance with ISO 7816 parts 1,2,3*
*ISO 7816-2 compliant 8-contact module*
*DES/3DES/PKI and MAC capabilities*
*Five secret codes+ issuer code*
*PIN code that can be updated by card holder*
*Company logo customizing options*

## SUZCOS

## Features

- Full 256 Kbytes of EEPROM memory for application data
- Compliance with ISO 7816 parts 1,2,3; supporting T=0 direct protocol
- ISO 7816-2 compliant 8-contact module
- High-speed transmission possible(9.6 to 223.2 kbps) with modifiable ATR
- 1024 bit RSA
- DES/3DES/PKI and MAC capabilities
- Five secret codes+issuer code
- PIN code that can be updated by card holder
- Key pair of mutual authentication
- Session key based on random numbers
- Transparent files and linear files with fixed record length are available
- Secure messaging option ensures transmission data is secured against eavesdropping, replay attack and unauthorized modifications
- Account data structure for highly secure payment applications as an optional feature
- FIPS-140 certified
- Support Crypto Service Provider(CSP) for Windows9X/2000/XP/2003/Vista
- Provide PKCS#11, PKCS#15 for Windows and Linux

## Application

- E-Purse Application
- E-Payment
- Customer Loyalty
- Physical Access Control
- Corporate Identity
- Healthcare Management
- Microsoft Windows Logon

SECURE SMART SIMPLE