

ACOS6 Multi-Application & Purse Smart Card Software Development Kit



Overview

ACOS6 is a **high speed** and **flexible** smart card which offers **cost effective** solutions. It is specifically designed to address the requirements of **multiple applications** and **multiple e-purses** with secure access hierarchy of multiple levels. Each application can be protected by individual secure environment which ensures independent security of each application.

ACOS6 allows **multiple secure e-purses** which are suitable for a wide range of applications for government services, payment applications, online top-up and loyalty programs, etc.

The ACOS6 Multi-Application & Purse Smart Card Software Development Kit (ACOS6 SDK) is designed for professional developers who are interested in developing your application on ACOS6 and ACOS6-SAM. With the useful tools and user-friendly user interface, the Development Kit can greatly reduce your R&D time, cost and time-to-market. You will be able to learn the ISO7816-4's file structure on ACOS6 from various tools.

Moreover, card personalization is greatly simplified with the help of ACOS6 personalization scripting tool and Scripting tool plus. Development is facilitated through the use of ACS unique tool - ACS Card Tool and it allows you to send commands directly to any PC/SC-compliant smart card readers and cards.

ACOS6 SDK Contents

ACR38 Smart Card Reader with SAM slot

- USB Full speed interface to PC with simple command structure
- Read and write all microprocessor cards with T=0, T=1 protocols
- Support most of the popular memory card types in the market
- Short Circuit Protection
- RoHS Compliant
- Certificate of conformance: EN 60950/IEC 60950, ISO-7816, PC/SC, CE, FCC, Microsoft WHQL, EMV 2000 Level 1 certified
- Support ISO-7816 Class A, B and C (5V, 3V, 1.8V) cards

- 1 Full-size Card Slot and 1 SAM-size Card Slot

Test Cards

- 5 ACOS6 Multi-Application & Purse Smart Cards
- 5 ACOS6-SAM Secure Access Module Smart Cards
- 5 ACOS3 Microprocessor smart cards

CD-ROM

- **Drivers**
 - ACR38-SAM drivers support Windows 98, ME, 2000, XP, Vista, Vista 64.
- **ACOS6 Demo program**
 - It is a Demonstration program to show the APDU command in every action between ACOS6, the terminal and ACOS6 SAM in real application.
- **ACOS6 Personalization Scripting tool**
 - Allows you to build personalization script quickly with easy understanding to construct data objects themselves under GUI.
- **ACOS6 Script Tool Plus**
 - Allows you to load the scripts into smart card built by personalization tool for personalization.
- **ACS Card Tool**
 - Allows you to send commands directly to any of PCSC-compliant smart card reader and cards including ACOS6 and ACOS6-SAM cards.
- **QuickView**
 - Allows you to check if you have properly installed your ACS reader
- **PC/SC Learning Tool**
 - Allows you to send commands to any PC/SC compliant smart card reader, and to any ISO7816 T=0 compliant smart card. It teaches you how to use the PC/SC APIs step-by-step and what parameters to use.
- **Sample Codes**
 - Visual Basic 6.0, Visual Basic.NET, Visual C++, Borland Delphi, Java, C#
- **Reference Manuals**
- **Technical Specifications**