



SDK

Emulator

Sample Cards

Evaluation Kit

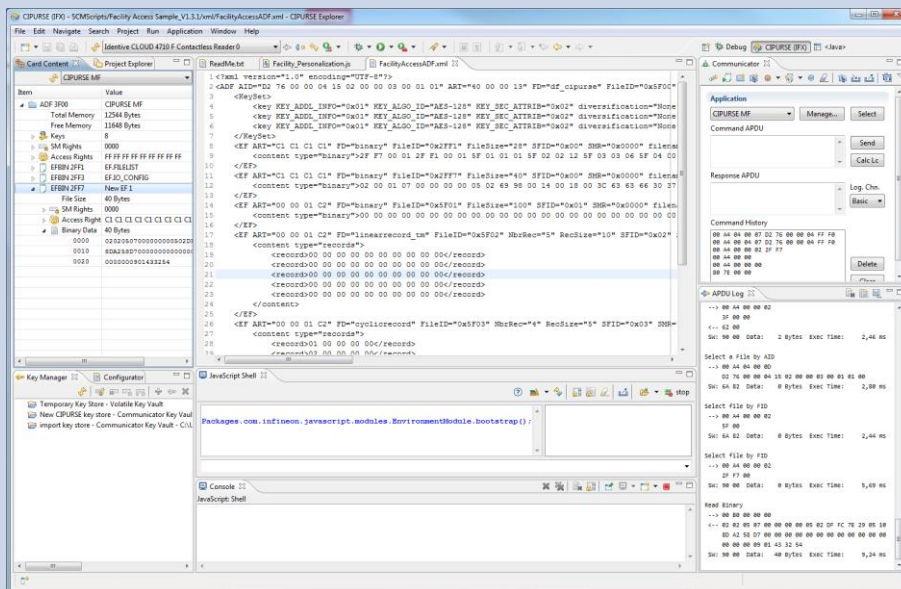
# CIPURSE™ Evaluation & Development Kit

## Fast & easy implementation of the CIPURSE™ Open Standard

The CIPURSE™ Evaluation & Development Kit enables communication with CIPURSE™ compliant smart cards and Secure Access Module (SAM). The kit supports plain-text as well as CIPURSE™ AES-128 based cryptography protected communication. You can develop and load state of the art security applications onto a CIPURSE™ card or SAM without a need for additional tools or equipment.

### CIPURSE™ Explorer graphical user interface

- State of the art JavaScript script execution environment with built-in libraries implementing CIPURSE™ command set and CIPURSE™ cryptography
- Support of Infineon's CIPURSE™ products
- Powerful and easy to understand script environment
- Interfacing to PC/SC smart card readers



For **implementation into terminals** source code modules are provided to ease realization of CIPURSE™ relevant functionality:

- CIPURSE™ Terminal Secure Messaging Application Note (incl. Library & Source Code)
- CIPURSE™ Command Library (incl. Java Source Code)

### Purchase Info

Please contact your local Infineon sales office. Refer to Order-No.: SP000942974

[www.infineon.com/cipurse](http://www.infineon.com/cipurse)

### Content



#### CIPURSE™ Explorer

- Graphical user interface for user-friendly interfacing to CIPURSE™ based products
- Script execution
- Detailed User Manual

#### Sample Scripts

- Scripts for CIPURSE™ SAM personalization & key distribution
- Scripts for card personalization & operation
- Scripts for NFC Type 4 Tag configuration

#### CIPURSE™ sample cards

- CIPURSE™ move SLM 10TLC002L
- CIPURSE™ 4move SLS 32TLC00xS(M)
- CIPURSE™ Security Controller SLS 32TLC100(M)
- CIPURSE™ SAM – SLF 9630

#### Relevant product documentation

#### Terminal Application Notes (incl. source code)

- CIPURSE™ Terminal Secure Messaging
- CIPURSE™ Command Library

#### Reader

- Identiv CLOUD 4700 F Dual Interface Reader

# Infineon Development Tools for Chip Card Applications

Infineon is dedicated to provide top performance products. As a result, all development tools are tailor-made for chip card and chip based security applications and benefit from continuous development and improvement.

Each tool is easy to operate and benefits from the implemented advantage of an intuitive standard Graphical User Interface (GUI). All aspects of chip application development, including software development for Infineon's powerful security controller families are supported.

Additionally evaluation kits are available to complete the tool chain on the reader side. They are designed to complete the tools for Infineon's security controller families on one hand and to support the specific features of Infineon's chip card memory ICs on the other hand.

In addition, Infineon delivers comprehensive worldwide customer support to help our customers create highly competitive and state-of-the-art products.

Major parts of Infineon's tool chain

- Software Development Kits for chip card security controllers (SDK)
- Emulator tool - make invisible things visible
- Smart Flash Cards and Sample Cards
- Evaluation Kits designed to provide easy access to chip cards by using appropriate readers

## Infineon's tool chain



## Purchase Info

For ordering Infineon's Reader Kits and development tools for Infineon's security controller families please contact your local sales office.

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