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# baiMobile **SMARTCARD** Reader Framework for **Android & iOS**

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Smartcard based added security for your  
Mobile Apps



## ABOUT PRODUCT

baMobile Smartcard Reader Framework is a Software Development Kit (SDK) to make Android & iOS applications more secure by integrating smartcard-based security operations.

Smart cards are recognized as being one of the best ways to implement strong authentication, data encryption and also to manage private keys in secured way. Smartcard based mobile applications provide better integrity, safety & authenticity with combination of 'What you have' and 'What you know' which makes a perfect combination for data security.

baiMobile framework is an easy way to add smartcard-based security operations to your mobile apps.

## PRODUCT FEATURES

- ✓ Secure access of company resources like network, applications, websites etc.
- ✓ PKCS#11 module for card-specific plug-ins
- ✓ Easy to integrate
- ✓ Abstracts the connection channel to the smartcard
- ✓ Concurrent access of multiple readers
- ✓ Smart card readers currently supported are:

### For Android

- o baiMobile 3000MP Bluetooth reader
- o Any USB reader

### For iOS

- o baiMobile 301MP USB reader
- o baiMobile 3000MP Bluetooth reader
- o Identiv Thursby USB reader
- o Precise Biometrics Tactivo reader for iPad & iPad mini
- o Yubikey 5ci Smartcard

- ✓ Bundled with useful samples
- ✓ Several of fortune 500 companies using this product
- ✓ Available on Android & iOS
- ✓ Professional service available for
  - o baiMobile framework integration
  - o additional card support
  - o additional reader support
  - o Another platform support

## TECHNICAL SPECIFICATIONS

- ✓ Java, C/C++ and Objective-C/Swift interfaces for integration
- ✓ Support for industry standard APIs for PC/SC, PKCS#11 & OpenSSL
- ✓ OpenSSL FIPS-2 compliant secure cryptographic module
- ✓ Support for multiple hardware tokens
  - o Smart card (contact and NFC)
  - o SIM, SecureSD
- ✓ Supports multiple smart card types and popular applets:
  - o CAC, PIV
  - o Gemalto .Net®
  - o ATOS CardOS®
  - o SafeSign



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## USE CASES

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**baiMobile SDK must be used if you are looking for,**

- ✓ Smartcard based cryptographic operations
- ✓ Addingstrongertwo factor authentication
- ✓ Smartcard based login to user app
- ✓ Smartcard based access control
- ✓ Smartcard based encryption & signing,
- ✓ Smartcard based digital signing of emails & documents
- ✓ VPN Authentication over mobile
- ✓ Secure access of website using client authentication

## ABOUT RIMUS

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RIMUS Technology Pvt. Ltd. ([www.rimus-tech.com](http://www.rimus-tech.com)) is a fast growing Technology Service Provider, established in 2013. RIMUS provides development services like customized product development, testing & product support in Information Security, Mobility & Web Technologies areas but not limited to. We are expert in **Java, .NET, PHP, C/C++, Objective-C, JScript, ReactJS, NodeJS, HTML5, eCommerce** frameworks etc.

Our USPs are Ownership, Quality & Timely Deliverables, Strong Project Management & Availability resulting into higher Customer Satisfaction & better ROI for our customers



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