



# ACOSJ

## Secure Java Card Platform

A Product Presentation

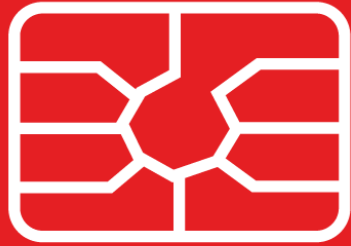


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**Advanced Card Systems Ltd.**  
Card & Reader Technologies

1. Product Overview
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# Product Overview



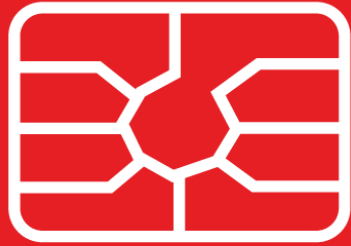
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## ACOSJ

- ACOSJ is an advanced cryptographic smart card solution that provides developers a secure application platform to unlock many possibilities and realize potential in payment, identification and other value-added services.





# Product Features



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## Communication and Memory

- ISO 7816 Parts 1/2/3/4
- ISO 14443 Type A/B
- T=0/ T=1/ T=CL
- 40 KB EEPROM Size

## Compliances and Certifications

- Java Card 3.0.4 Classic
- Global Platform 2.2.1
- Common Criteria EAL5+ (Chip Level)
- EMVCo (Chip Level)

## Cryptographic Capability

- DES/3DES
- AES – 128/192/256
- RSA – up to 2048
- ECC – up to 384
- SEED 128
- SHA – 1/2
- SCP02

## Security Functions

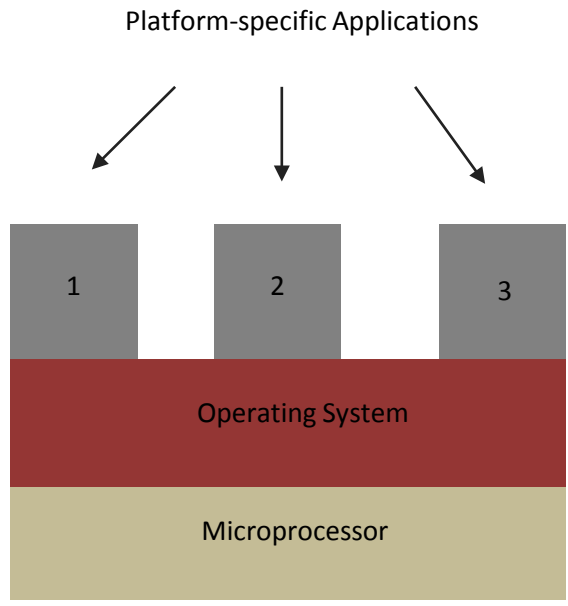
- Mutual Authentication
- Secure Messaging
- Anti-tear Protection

## ACS Java Card Technology

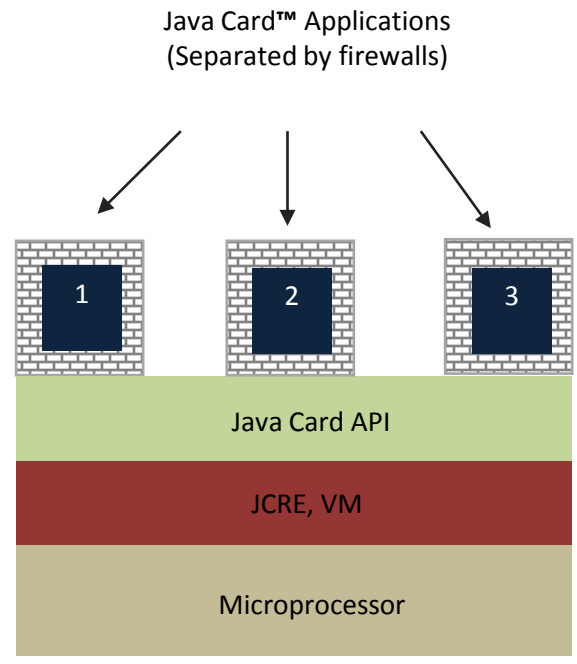
**The leading secure application platform**

### What is Java Card?

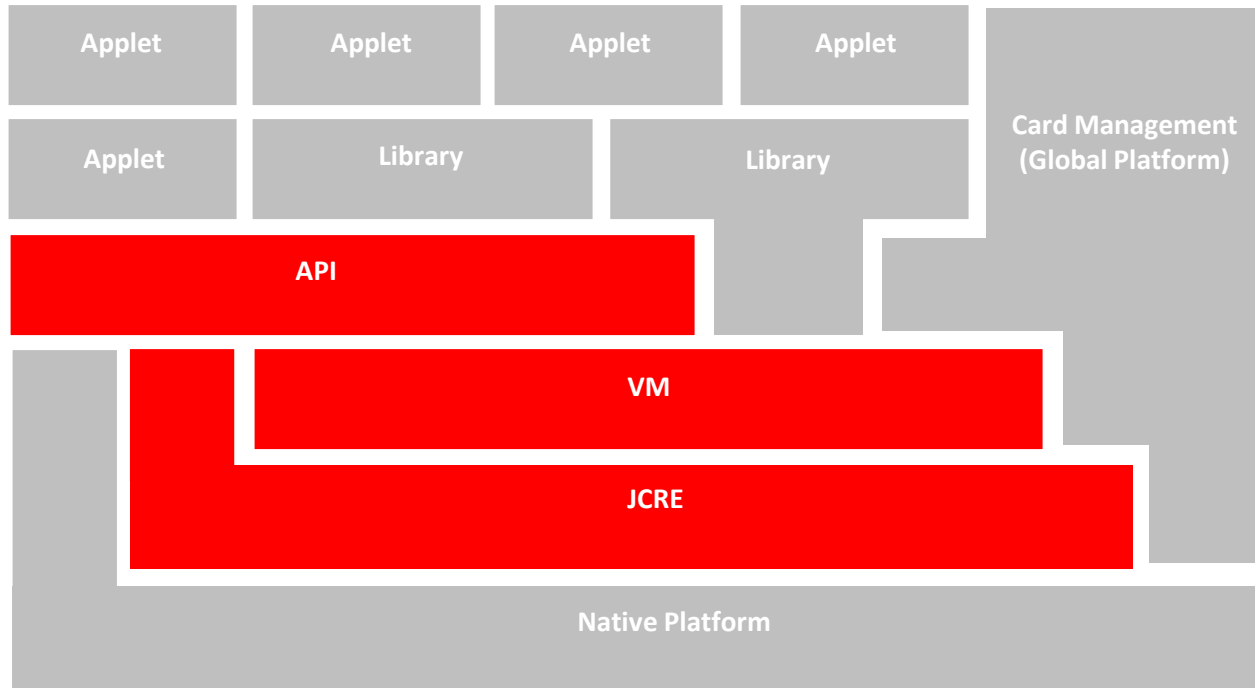
- Java™ technology for smart cards and secure elements
- Applications written in Java and can run on any Java Card products
- Unique security architecture for multi-application cards

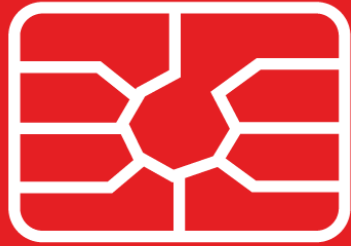


**VS**









# Product Value

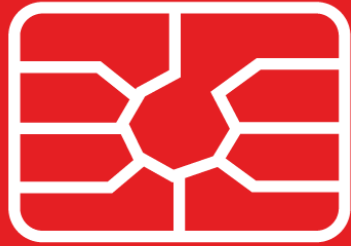


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## Product Benefits of ACOSJ

Java Card	Benefits
Post Issuance	No re-issuance costs Longer device life
Development in Java	Faster deployment
Multiple field-of-use/form factors	Cost savings from application re-use
High-level security certifications	Modern secure platform
Standards Alignment	Future proof-investment
Openness	Broad developer community and content



# Product Application



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# In what areas can we apply ACOSJ?



Banking Card



City All-in-1 Card



Transportation Card



Insurance Card



Highway card



Campus Card



Petrol Card



Micropayment

# Thank You!



For more information, visit:  
<http://www.acs.com.hk>