



ACR3x

Mobile Card Readers



Advanced Card Systems Ltd.
Card & Reader Technologies

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- Product Overview
- Product Features
- Product Value
- Product Application



Product Overview



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The ACR3x Series is a family of Mobile Card Readers that uses audio jack interface as means of communication with a mobile device.



ACR31 Swipe



ACR32 MobileMate



ACR35 NFC MobileMate

ACR31 Swipe

ACR31 Swipe Card Reader is a combination of magnetic stripe card reader functionality and mobility, which enables you to access secured applications anytime, anywhere.



ACR32 MobileMate



ACR32 MobileMate Card Reader is a combination of two card technologies into one wherein it provides its user the flexibility to use magnetic stripe cards and contact smart cards without the additional cost.

ACR35 NFC MobileMate



ACR35 NFC MobileMate Card Reader is a combination of two card technologies into one. It delivers NFC reader functionality and mobility, which allows you to use NFC and contactless applications, even for mobile readers without built-in NFC.



Product Features



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Product Features

Interface

Standard 3.5 mm Audio Jack

Battery

CR2016

Encryption Algorithm

AES-128

Key Management System

DUKPT

Supported Card Types

ISO 7810 compliant cards
ISO 7811 compliant cards
Hi-Co magnetic cards
Lo-Co magnetic cards
JIS1, JIS2 cards

Certifications/Compliance

CE, FCC, VCCI, RoHS 2, REACH

Operating System Support

Android™*, iOS*

Other Features

Reads tracks 1/2
Bi-directional reading capability



*Visit www.acs.com.hk for the list of supported devices.

Product Features



Interface
Standard 3.5 mm Audio Jack
Micro USB Full Speed

Battery
Rechargeable Lithium-ion

Encryption Algorithm
AES-128

Key Management System
DUKPT

Operating System Support
Windows®, Linux®, Mac OS®,
Android™*, iOS*

Supported Card Types
Hi-Co magnetic cards
Lo-Co magnetic cards
ISO 7810 compliant cards
ISO 7811 compliant cards
JIS1, JIS 2 cards
ISO 7816 Class A, B, C
MCU with T=0, T=1 protocols
Memory cards

Certifications/Compliance
EMV 2000 Level 1
CE , FCC, VCCI, RoHS 2, REACH
Microsoft® WHQL

Other Features
Reads tracks 1/2
Bi-directional reading capability

*Visit www.acs.com.hk for the list of supported devices.

Product Features

Interface

Standard 3.5 mm Audio Jack

Battery

Rechargeable Lithium-ion

Encryption Algorithm

AES-128

Key Management

DUKPT

Operating System Support

Android™**, iOS**

Supported Card Types

Hi-Co magnetic cards

Lo-Co magnetic cards

ISO 7810 compliant cards

ISO 7811 compliant cards

JIS1, JIS 2 cards

ISO 14443-compliant cards

ISO 18092-compliant cards*

Certifications/Compliance

CE , FCC, VCCI, RoHS 2, REACH

Other Features

Reads tracks 1/2

Bi-directional reading capability



*Except Topaz

**Visit www.acs.com.hk for the list of supported devices



Product Value



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Cost-effective

A compact yet powerful reader which is also price-competitive

Portability

A device that you can easily carry around anytime, anywhere

Secured

Once the card is swiped, the user information is being encrypted using the AES-128 algorithm

Compatibility

ACS's mobile card reader supports most of the mobile devices in the market today



Product Application



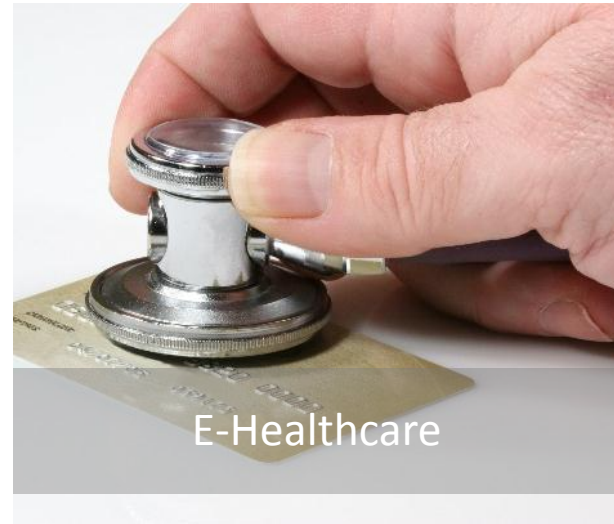
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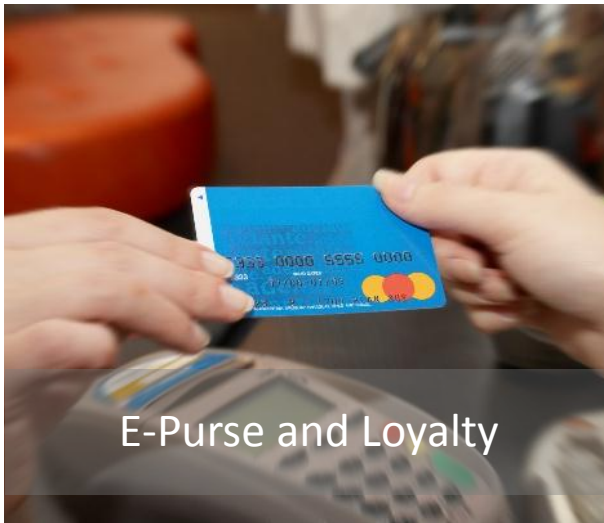
Product Application



Mobile Banking and Payment



E-Healthcare

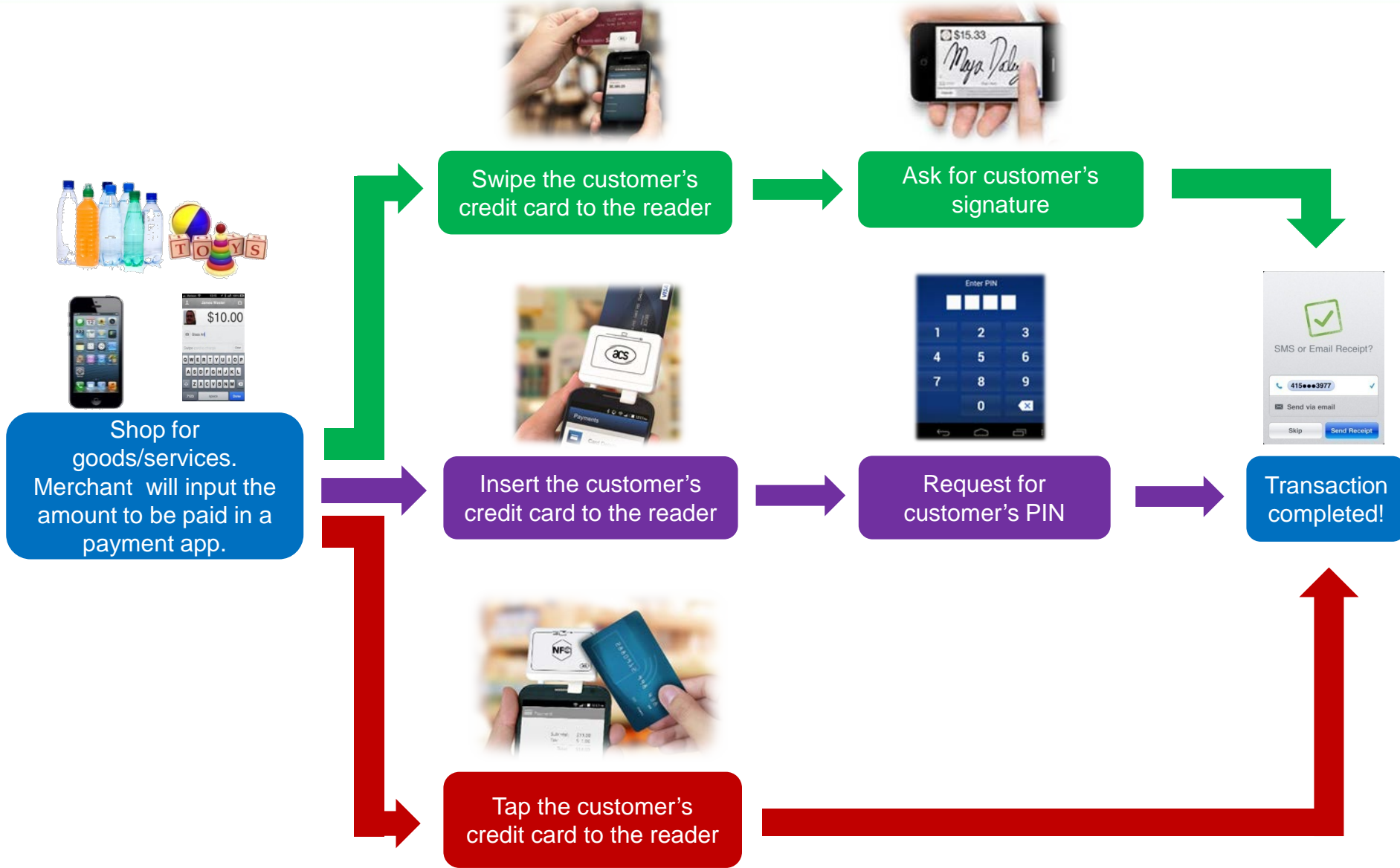


E-Purse and Loyalty



Transportation

Sample Application





Thank You!

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