ACR3x
Mobile Card Readers

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Product Overview

Advanced Card Systems Ltd.
Card & Reader Technologies

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

ACR31 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.

ACR32 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.

ACR35 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

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Product Value

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Product Value

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
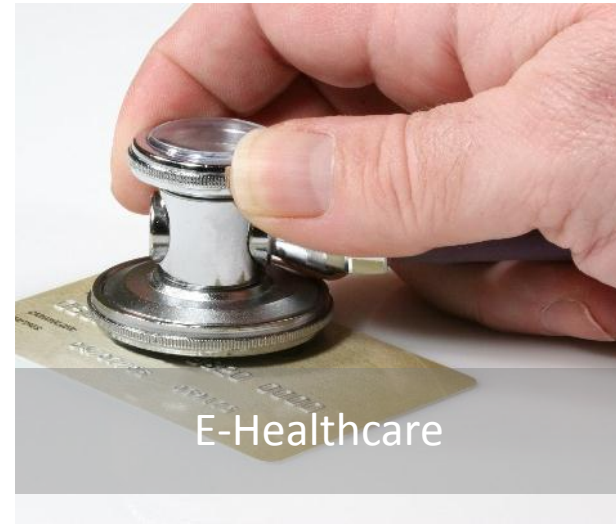
Product Application

Advanced Card Systems Ltd.
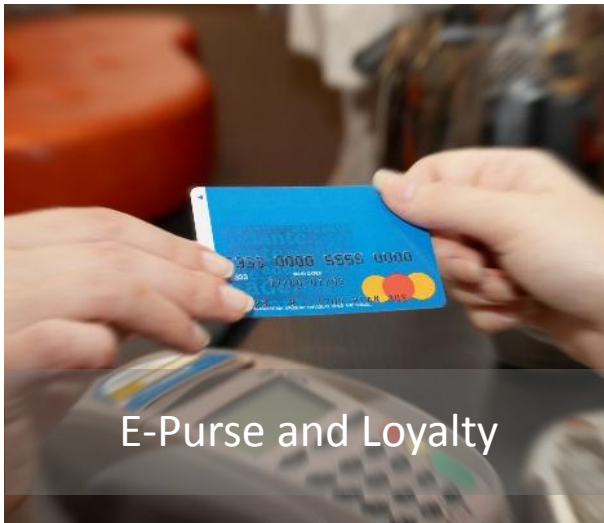Card & Reader Technologies

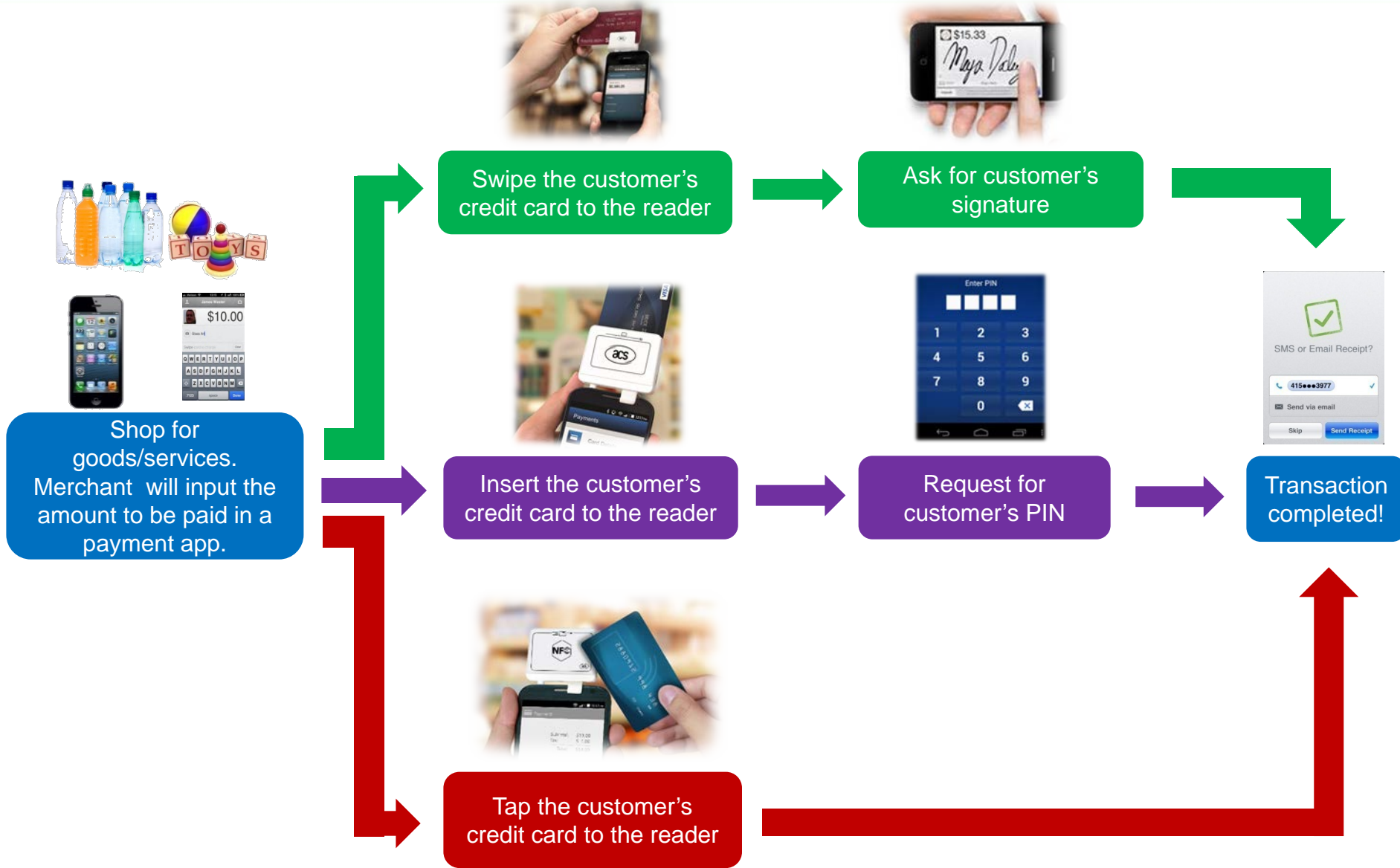# Product Application

Mobile Banking and Payment

E-Healthcare

E-Purse and Loyalty

Transportation

Sample Application

Shop for goods/services. Merchant will input the amount to be paid in a payment app.

Swipe the customer's credit card to the reader

Ask for customer's signature

Insert the customer's credit card to the reader

Request for customer's PIN

Tap the customer's credit card to the reader

Transaction completed!

Thank You!

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 http://twitter.com/SmartCardReader

 http://www.facebook.com/AdvancedCardSystems

 http://gplus.to/advancedcardsystems

 http://www.youtube.com/user/AdvancedCardSystems

For more information, visit:
www.acs.com.hk/mobile-card-readers/

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