# ACR3x
## Mobile Card Readers

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# Product Overview

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



**ACR3201 MobileMate**          **ACR35 NFC MobileMate**

# ACR3201 MobileMate



The ACR3201 MobileMate Card Reader is a combination of two card technologies that provides its user with the flexibility to use both magnetic stripe cards and contact smart cards at no additional cost.

# ACR35 NFC MobileMate



The 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 in mobile readers that do not have built-in NFC.

# Product Features

# ACR3201 Product Features

**Interface**
Standard 3.5 mm Audio Jack

**Battery**
Rechargeable Lithium-ion

**Encryption Algorithm**
AES-128

**Key Management System**
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 7816 Class A, B, C
MCU with T=0, T=1 protocols
Memory cards

**Certifications/Compliance**
EMV Level 1
CE , FCC, VCCI, RoHS, REACH

**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, 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 that 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 encrypted using the AES-128 algorithm*

## Compatibility

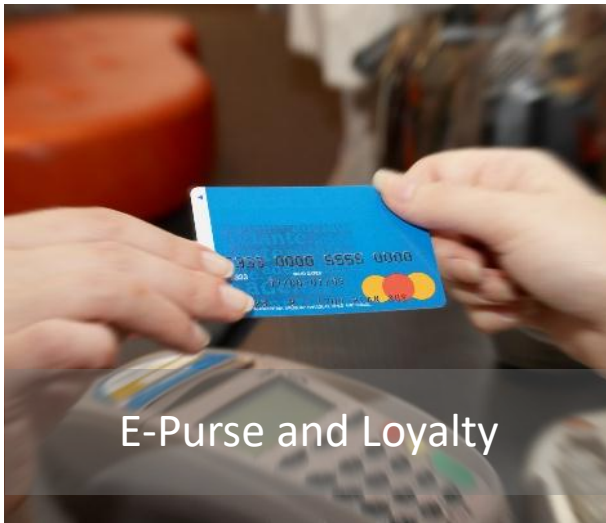*ACS' mobile card reader supports most of the mobile devices in the market today*
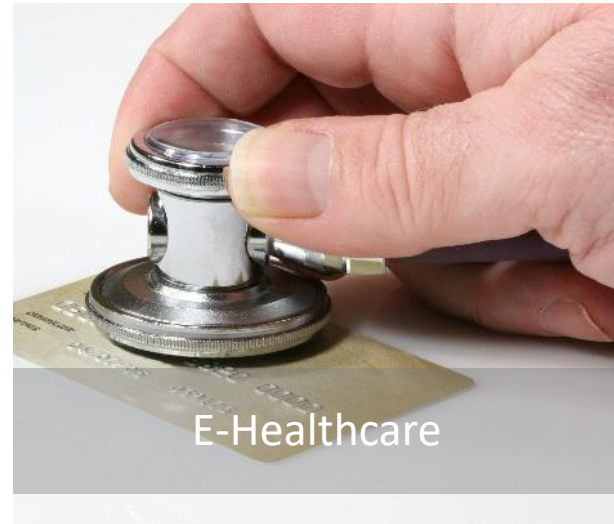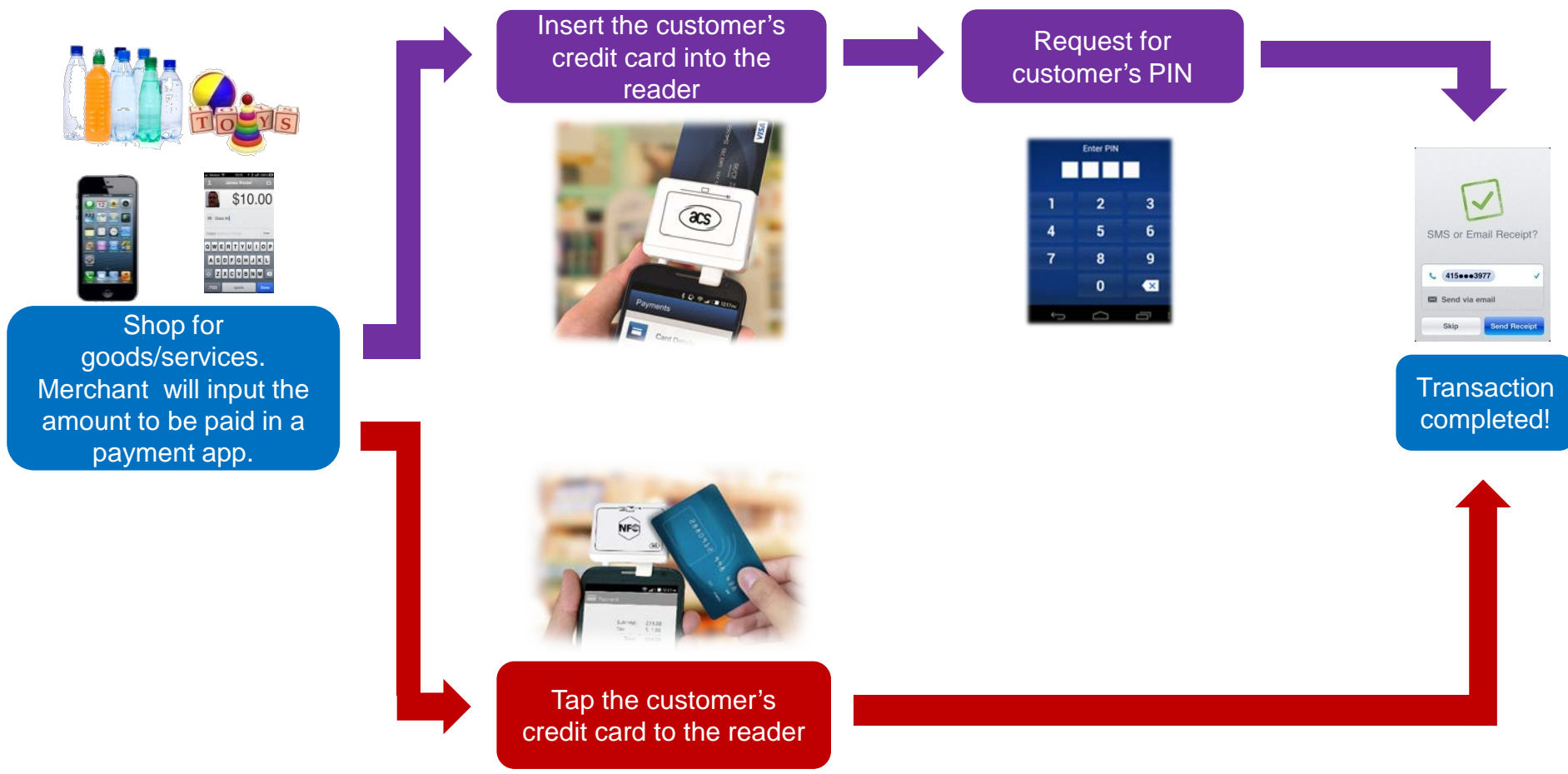
# Product Value

**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.

Insert the customer's credit card into 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/*

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