



# ACR3901T-W1 Secure Bluetooth® Contact Card Reader



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Card & Reader Technologies

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# Product Overview



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## ACR3901T-W1

ACR3901T-W1 Secure Bluetooth® SIM-sized Contact Card Reader is a compact wireless smart card reader that combines the latest technology in the world of smart card readers.

With its Bluetooth® interface and AES-128 encryption algorithm, it allows wireless transfer of secured data anytime, anywhere.





# Product Features



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# Product Features



## Interface

Bluetooth®  
USB Full Speed

## Plug and Play Support

CCID Compliant

## Card Type Support

SIM-sized Cards  
ISO 7816 Class A, B, C  
MCU with T=0 and T=1 protocol  
Memory Cards

## API Support

PC/SC  
CT-API

## Other Features

Firmware Upgradeable  
Rechargeable Lithium-ion Battery

## Encryption Algorithm

AES-128

## Certifications/Compliance

Bluetooth®  
CE, FCC, RoHS 2, REACH  
Microsoft® WHQL

## Supported Operating System

Windows®  
Linux®  
Mac OS®  
Android™, iOS



# Product Value



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## Cost-effective

*A compact and powerful device that integrates different features into one device*

## High-speed I/O Operations

*Can support Smart Card R/W Speed of up to 600 Kbps*

## Wireless Connectivity

*Offers wireless smart card operation and authentication by employing the Bluetooth® technology*

## Flexible

*May be used with either a mobile device or a desktop computer*



# Product Application



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# Product Application



Mobile Banking & Payment



E-Government



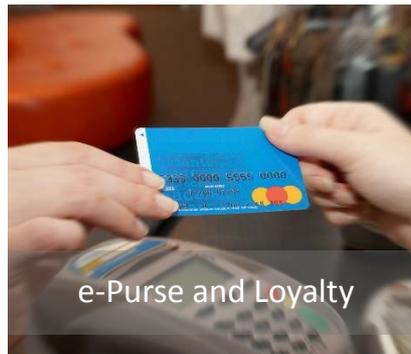
e-Healthcare



Network Security



Access Control



e-Purse and Loyalty



Public Key Infrastructure

# ACR3901T-W1 Sample Application



A customer is issued with a reader for online banking authentication



Customer logs in the credentials before the transaction proceeds



Authorized user begins the online banking transaction and presses the button on the reader for authentication once asked to do so



Once the transaction is finished, the customer logs out from the account



Backend server verifies information and allows the transaction to proceed and finish



# Compliance/Certifications



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# OS Support



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# Thank You!

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**For more information, visit:**

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