

Outline

- 1. Product Information**
 - Product Overview**
 - Product Features**
- 2. Product Value**
- 3. Product Applications**
- 4. Compliance/Certifications**





Product Information



Advanced Card Systems Ltd.
Card & Reader Technologies

Product Overview

The ACR1251U USB NFC Reader II is a PC-linked NFC smart card reader developed based on the 13.56 MHz contactless technology. It is designed to support not only ISO 14443 Type A and B cards, but also MIFARE®, FeliCa and all four types of NFC tags and devices.



Product Overview

Following the ACR122U, ACS' successful NFC reader and also the world's first CCID-compliant contactless reader, the ACR1251U offers more and advanced features. It is firmware upgradeable and features a SAM slot for implementing added security functions in a contactless-based system.



Product Features



Supported Card Types

ISO 18092 Tags (NFC)
ISO 14443 Type A & B
MIFARE® variants
FeliCa
ISO 7816-compliant SAM slot
(Class A, B, C)

Fast Access Speed

Smart Card Interface

PICC (Contactless)
ICC (SAM Slot)

Firmware Upgradeable

User-controllable Peripherals

Bi-color LED
Buzzer

Cost-effective

Compact and Slim Size

Certifications/Compliance

ISO 18092, ISO 14443,
ISO 7816 (SAM Slot), FeliCa Performance
Certification,
CE, FCC, J-LIS, VCCI, MIC, KC, PC/SC, CCID
Microsoft® WHQL RoHS, REACH

Protocols and Standards

ISO 18092 NFC
ISO 14443 Parts 1-4
ISO 7816
PC/SC and CCID
USB 2.0 (12 Mbps)

Operating System Support

Windows®
Linux®
Mac OS®
Solaris
Android™





Product Value



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Product Value

- NFC Enabled – Supports NFC Tag type 1-4 for different applications, NFC mobile phones, and NFC Peer-to-Peer (P2P) Mode
- PICC Support – ISO 18092 Tags (NFC), ISO 14443 Type A & B, MIFARE variants, FeliCa
- Firmware Upgradeable – In-field firmware upgrade function provides support for any future enhancements



Product Value

- Competitive Cost – ACR1251U is a cost-effective reader to extensively share and promote NFC technology to customers.
- Ease of Integration – PC/SC-compliant Contactless Interface, PC/SC-compliant SAM Interface
- Driver-free – The CCID driver is installed through Windows Update.





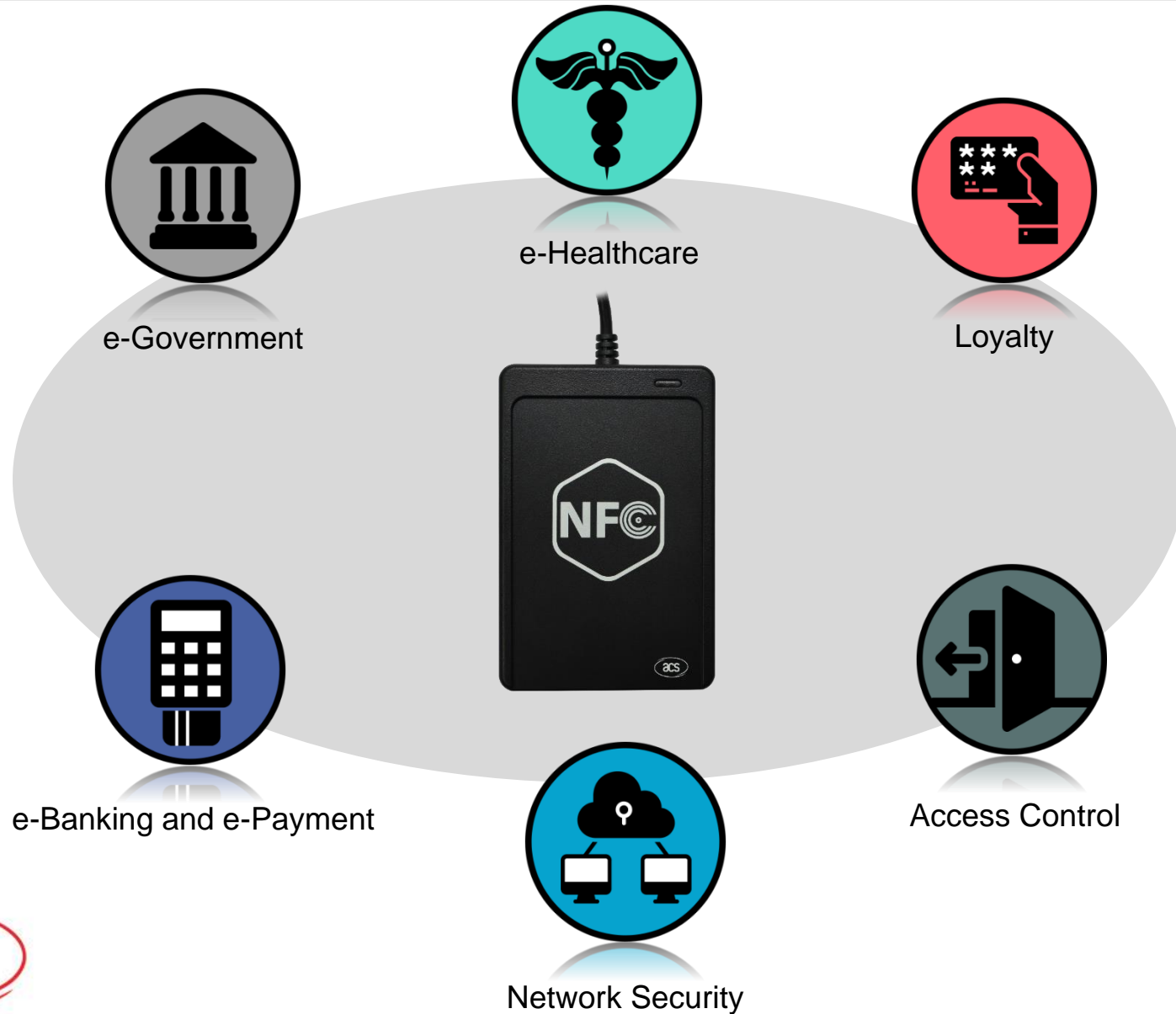
Product Application



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In what areas can the ACR1251U be used?





Compliance & Certifications



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