



DeviceFidelity

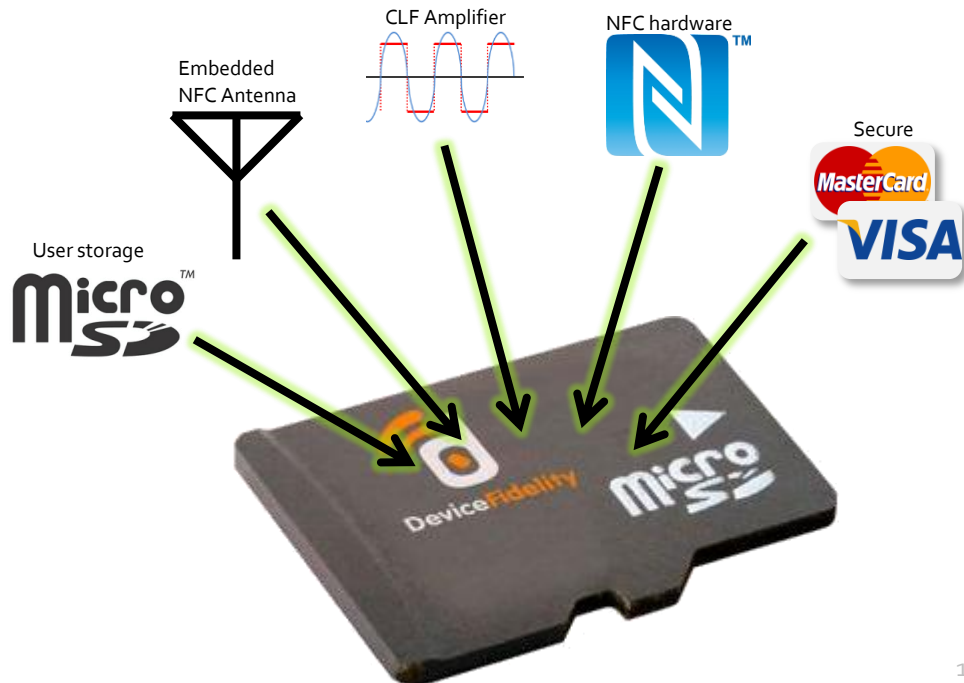
# CredenSE 2.10

Self-contained contactless  
No range-extender

## MAIN FEATURES

- Plug and play NFC card emulation for most phones
- NFC SE certified by Visa, MasterCard and CUP (pending)
- Mifare support including M4M
- High level APIs for Apps to communicate with the SE
- Compatible with DeviceFidelity and CUP APIs
- NFC RF control
- Supported by major TSM vendors.
- Support issuer and consumer centric models

**4GB to 8GB**  
of user storage



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## NFC CARD-EMULATION IN A MICROSD

CC EAL5+ PAYMENT NETWORKS CERTIFIED SECURE ELEMENT  
available for use for NFC Applets and Host Applications.

### Product Overview

DeviceFidelity patent-protected **CredenSE 2.10** is a self-contained NFC card emulation for microSD host devices that features a payment certified smartcard chip that runs JavaCard applets accessible from both host side and contactless interface.

**CredenSE** brings NFC card emulation and SE to any phones and adds the SE to NFC devices.

### Consumer Centric Benefits

- Device Independent: compatible with most devices with microSD
- Independent from type of subscriber voice and data plan.
- Dedicated security domains for multiple independent services
- Removable and portable

### Service Delivery Made Easy

- Issuance:
  - Personalized (no TSM), initialized or blank
    - Mass personalization from major service bureaus
    - Compatible with major TSMs
- Distribution Flexibility
  - Device bundle
  - MNO and retail
  - Service bundle
  - Direct Mailing

### Common Features Datasheet

Run Time Environment (RTE)	Global platform	2.2 delegated management
	JavaCard	3.0 classic
	Certifications	CC EAL5+, FIPS 140-2 EMVco
Com protocols	Contactless T=CL	ISO 14443 Type A Mifare tags (see applets)
	ISO 7816-3,4 T=0	DeviceFidelity APIs for APDU exchange over default host file system and mass storage driver
	CUP interface	Compliant with China Union Pay APIs
	User storage	Standard SD interface for typical host file system for microSD
Available Applets certification pending	Visa®	VMPA 1.4.1 multi instance ok
	MasterCard®	MPP1.0 multi instance ok
	Mifare™	M4M, 4k and DESFire multi instance ok
	HID™	SEOS and mClass
Applet storage	140k available MMPP and Mifare in ROM	
SDK	Android, Blackberry, J2Me iCaisse for iPhone, PC Windows Mobile 8 (Pending)	

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