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Software System Solution in Soul

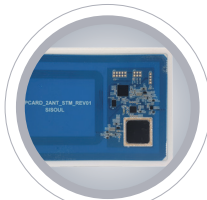
Sisoul Business Model :

NFC Software Application with NFC Solution

- NFC Module Manufacture and Solution
- NFC IC and NFC Software technical support



IC / NFC MODULE & Middleware



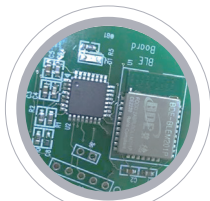
Smart CARD



TAG SOLUTIONS



NFC TEST equipment (Mobile Phone, Digital)



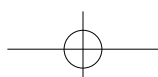
IOT MODULE & MIDDLEWARE



NFC Reader with BLE

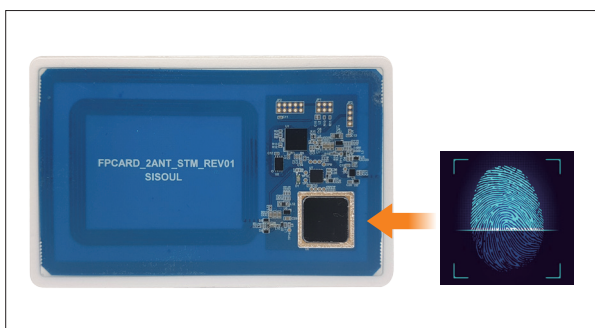


Contact (IC) / Contactless (NFC) Terminal SET & SW



TAG Business FPC without power

No Battery Fingerprint NFC Card makes user more convenient and secure access.
Durable, Safe, Secured Fingerprint card.



H/W

NFC Energy Harvesting research to increase the power in the cards
Fingerprint module with low power and great accuracy. (FPC)
Tuned NFC Antenna design for better performance.

S/W

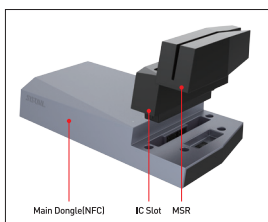
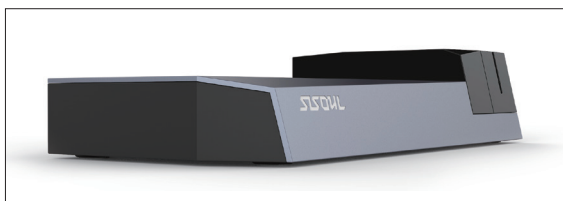
Secure by saving the FP key on the NFC TAG.
FIDO U2F via NFC on the card.

DIFFERENCE TECHNOLOGY

	Normal FPC	No powered FPC
Required	FPC with Battery and Charger	FPC w/o bat, FIDO U2F Reader(opt)
Pros/Cons	Easy to access, Need to charge the FPC, Easily hack through the card change.	Easy and safe access, No Battery (Permanent) Save the cost for the battery. No way to crack the cards.

Payment Multi-Dongle : Sisoul-IPAD

How about to make the payment device easy to assemble?
Cost effective, Selectable, Fast change, Extendable Multi Dongle by assembly



EXPECTED MAIN FEATURE

CPU	Cortex®-M3 CPU (120 MHz max) 32bit RISC
OS	Free RTOS
Memory (On-chip)	512KBytes on-chip memory (Flash) / 4Kbytes NV SRAM / 128kBytes SRAM
Support	Mifare, ISO 14443 A/B, ISO 15693, ISO 18092 (P2P), Felica, CE
Contact	ISO7816, Sync, Async Cards
MSR	ISO/IEC 7811 and JIS2 format support
SAM Slot	6 SAMs
Interface	RJ11(UART) 2 port (CAT, POS)
LED	4 LEDs (Ready, Process, Complete, Error)
Audio	Buzzer



835 ho, Startup Zone, 815, Daewangpangyo-ro, Sujeong-gu, Seongnam-si, Gyeonggi-do, 13449, Rep. of KOREA
TEL : +82 (0)2-508-5656 FAX : 031-5182-9155 Email: sisoul@sisoul.co.kr homepage: http://www.sisoul.co.kr