

SOLUTION



ID-SMART

NFC Simcard building Access - product sheet

Ready to use building blocks

ID-SMART is a flexible solution that enables your company mobile phone to Access your buildings. It is based upon Mifare 4 Mobile standards and is using a default setup with Mifare Desfire EV1 8k technology similar to your current smartcards (plastic).

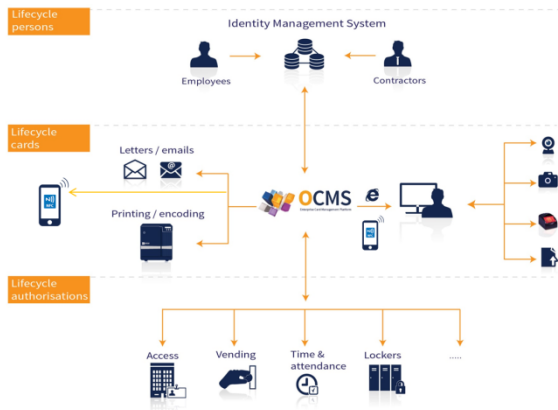
ID-SMART has a card management system build in for activation and deactivation of the NFC SIM Virtual smartcards.



Key features

- Best market security standard
- Mifare 4 Mobile (M4M) certified by M4M platform
- M4M build in card management system
- Supported by all Network operators
- Supported by the GSMA, Sim Card certified solution
- Over the Air provisioning (OTA) using the 2016 Network operators standards. Future use applications standard enabled
- Sustainable solution without plastic smartcards
- Enabling the M4M build in functionality of the NFC Sim card
- Free Sim card swap when required supported by all network operators
- ID-ware ISO 27001 & 9001 certified

High level infrastructure



The build in card management system enables you to bridge between different applications like:

- Building Access (Default Service)
- Vending
- Time & Attendance
- Lockers
- E-ticketing, Events Access
- Centralized printing Access
- Parking Access

These applications are standard enabled in ID-smart (7 future use applications) and can be activated (or deactivated) using OTA principles.

Requirements ID-SMART projects

The NFC SIM card from your network operator is required and all mobile phones that don't have an NFC SIM Card yet, will receive a free swap service from the Network operator. Our benchmark has shown in the security community that some company smartcard users don't have a Company mobile phone. There are 2 solutions to mitigate this challenge:

- Solution 1: The ALL IN ONE APPROACH: provide the NFC SIM card plus the new mobile phone to all smartcard users (Network operators supports this with hardware and free NFC SIM Cards)

- Solution 2: Provide the HYBRID SOLUTION to the company smart card users. Users with Company phone will be migrated to ID-SMART and other company smartcard users remain with the current setup.

Card printing using OTA

The ID-SMART APP enables you to see a personalized visual image of the company Access card on your mobile phone

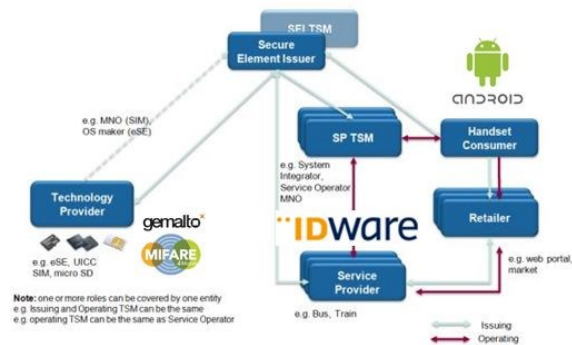


Card encoding using OTA

ID-SMART has a default Mifare Desfire EV1 encoding solution build in, other technologies are possible and can be requested at ID-ware.

Technical Requirements

- Android OS 4.1 and beyond mobile phones



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