



2018 | Mobile Credential Solutions



MOBILE ACCESS

Topics of Discussion:

Top Benefits

Ease of Upgrading

Upgrade Hardware and Apps

Licensing

Credential Management

IoT Add Ons

Mobile Access for Enterprise

Questions

ADVANTAGES

The Top Benefits of Mobile Credentials

- Convenience
- Reduced Costs
- Data Encryption
- Virtual Identity
- 2 Factor Authentication
- Multiple Credentials
- Virtual Wallets
- Data Digitally Signed
- Anti-Tailgating
- Licensing by Device or User
- Online Credential Management
- Interoperable



UPGRADE TO MOBILE

Go from Plastic Cards to Mobile Credentials

Legacy compatible, forward thinking...



Safetrust Mobile Wallet with Mobile Credential

Safetrust Integrated Reader

RETROFIT LEGACY READERS FOR MOBILE ACCESS

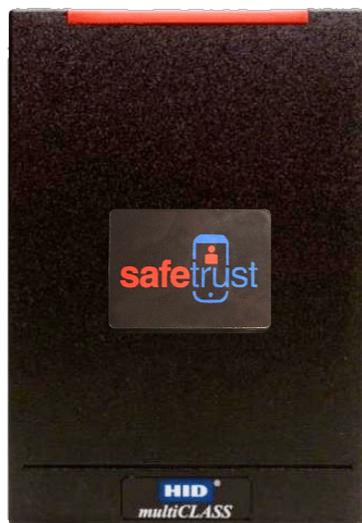
Use the SABRE Decal OR Integrated Reader Cover



+



SABRE Decal



Stick a decal onto an existing RFID reader to enable mobile access

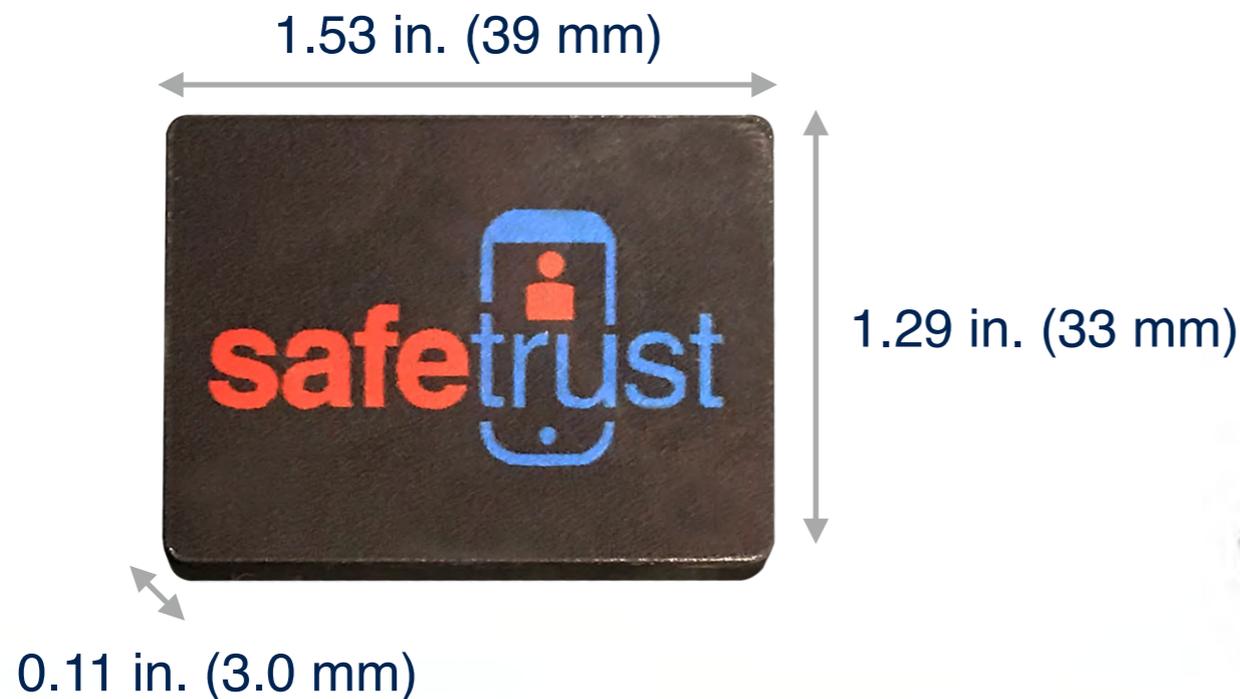


Cover existing standard reader types with an embedded SABRE Reader Cover

RETROFIT LEGACY READERS FOR MOBILE ACCESS

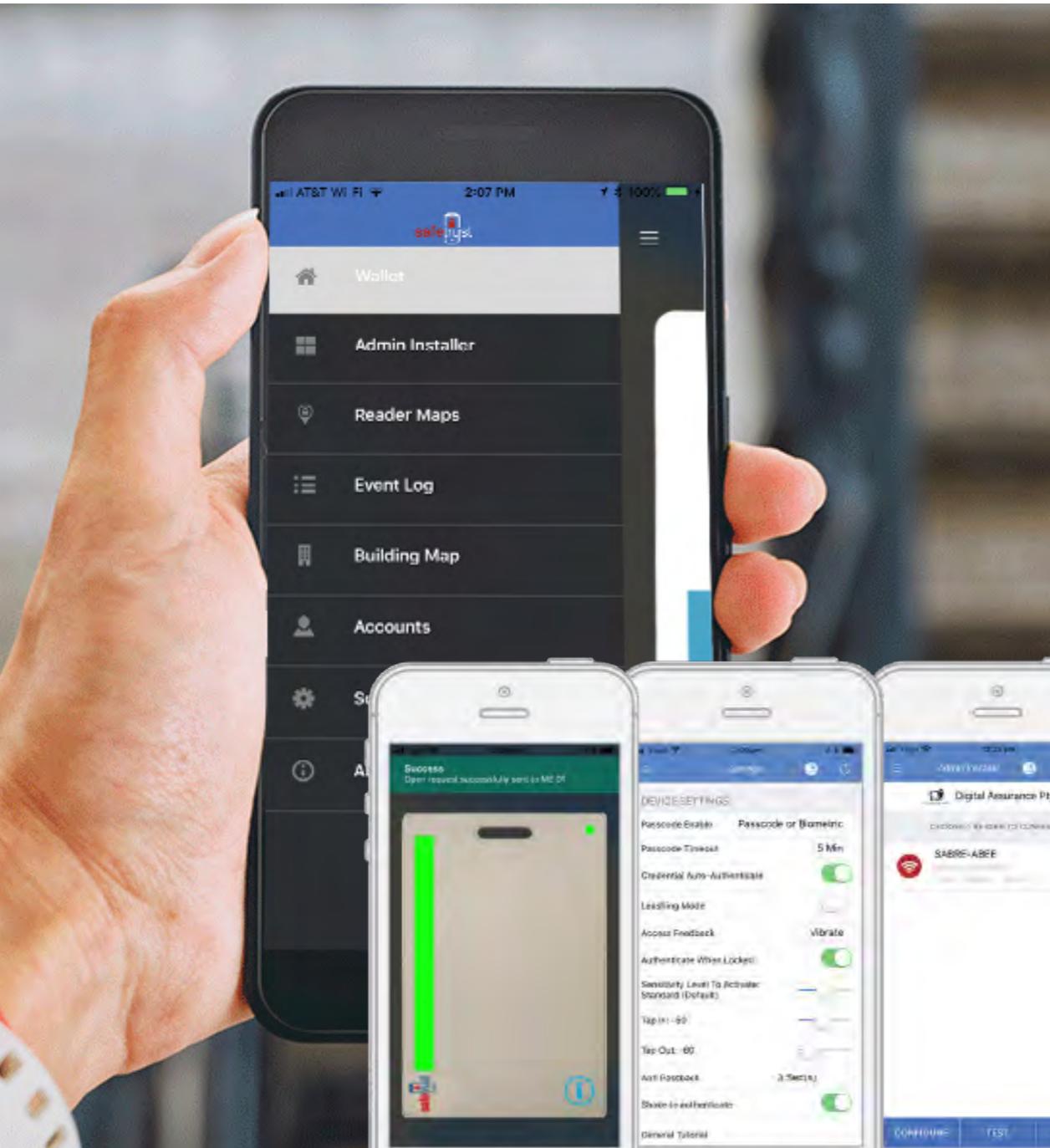
A Closer Look at the SABRE Decal Module

- Upgrade to mobile in minutes at a fraction of the cost
- Peel and Stick
- Tiny form factor (Weight: 2 oz.)
- Encryption AES 256, x.509
- No batteries (uses RFID field)
- Bluetooth Low Energy (2.400 GHz - 2.4835 GHz), proximity 125 kHz, and 13.56 MHz
- Bluetooth Range 1 ft to 100 ft (.31 to 30 meters)



SAFETRUST MOBILE CREDENTIALS

SafeAccess App



- IoT Enabling Door Readers
- Built on the 802.15.4 Standard
- Supports existing legacy readers
- OTA Credential Issuance
- Self enrollment
- Supports most 125kHz proximity card types, MIFARE Classic and MIFARE DesFire
- Consolidate PACS authentication events

Use existing equipment ✓

Tap phone on reader for access ✓

Price per person or device ✓

Interoperable ✓

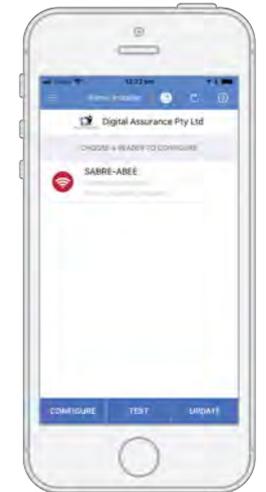
UPGRADE PATH

Upgrade in 3 basic steps

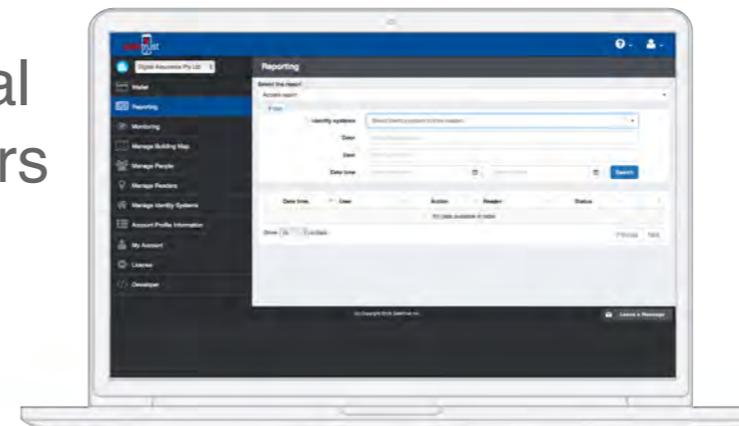
- 1 “Peel & Stick” SABRE Decal or SABRE equipped Cover



- 2 Download SafeAccess App - Configure SABRE settings



- 3 Configure Credential Manager - Add Users **OR** Self-Enrollment of Credentials



CREDENTIAL OPTIONS

Device Licenses OR User Licenses



Device Licenses are limited to the device you load the mobile credential, that is, once you load the mobile credential to a smart phone, you cannot transfer it.

If the phone is upgraded or lost, you must purchase another mobile credential.



User Licenses are based on the number of mobile credentials. If you purchase a license for 50 User Credentials, your customer can add new credentials until you reach the limit of 50 active Users. If you upgrade or lose a phone, you can assign another Mobile ID to the new phone as long as you do not exceed 50 Users. You can purchase additional User Licenses at 25 credentials per order.

MANAGEMENT SYSTEMS

Easy Online Credential Management Portal

- Manage Mobile Credentials
- Manage Readers
- Manage Identity Systems
- Reports
- Wallets
- Monitoring
- Account Profiles
- Licenses

The screenshot shows the 'People' management page in the SafeTrust portal. The interface includes a sidebar with navigation options: Wallet, Reporting, Monitoring, Manage Building Map, Manage People (highlighted), Manage Readers, Manage Identity Systems, Account Profile Information, My Account, and License. The main content area displays a table of users with columns for Email, Name, Roles, and Status. Each row includes a set of action icons (info, delete, add, edit, refresh). The table lists 10 entries, all with 'Admin' roles and 'Normal' status. At the bottom, there is a pagination control showing 'Showing 1 to 10 of 10 total entries' and a 'Show 25 entries' dropdown. A footer contains the copyright notice '(c) Copyright 2018, SafeTrust Inc.' and a status indicator 'Offline - Leave a Message'.

Email	Name	Roles	Status	
akosaka@1pcsc.com	Alan Kosaka	Admin	Normal	[Info] [Delete] [Add] [Edit] [Refresh]
alkosaka@earthlink.net	Alan Kosaka	Admin	Normal	[Info] [Delete] [Add] [Edit] [Refresh]
aportal@1pcsc.com	AI Portal	Admin	Normal	[Info] [Delete] [Add] [Edit] [Refresh]
david.armitage@blueyonder.co.uk	David Armitage	Admin	Normal	[Info] [Delete] [Add] [Edit] [Refresh]
ghetrick@1pcsc.com	Greg Hetrick	Admin	Normal	[Info] [Delete] [Add] [Edit] [Refresh]
jubany@safetrust.com	Jack Bubany	Admin	Normal	[Info] [Delete] [Add] [Edit] [Refresh]
ktubbs@1pcsc.com	Ken Tubbs	Admin	Normal	[Info] [Delete] [Add] [Edit] [Refresh]
mkosaka@1pcsc.com	Mas Kosaka	Admin	Normal	[Info] [Delete] [Add] [Edit] [Refresh]
mkuwata@1pcsc.com	Miles Kuwata	Admin	Normal	[Info] [Delete] [Add] [Edit] [Refresh]

MOBILE CREDENTIALS

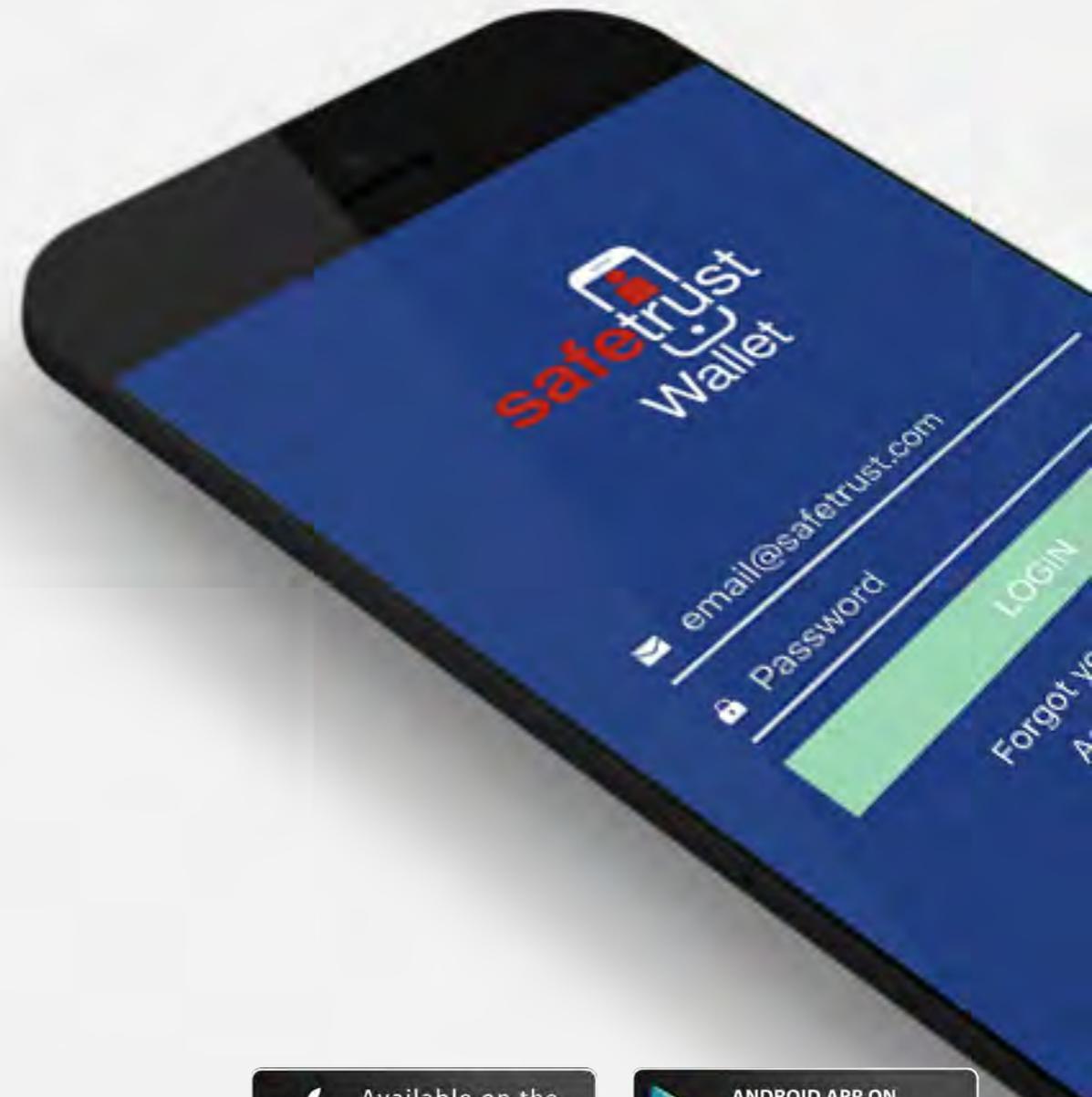
Safetrust Wallet

Safetrust Wallet is an IoT (802.15.4) compatible credential wallet which communicates securely with IoT enabled readers such as the SABRE door and desktop readers to authenticate a person using valid credentials.

Supports a large range of legacy and modern credentials including:

- NIST 800-73 (FIPS 201 smartcard)
- 125kHz proximity cards (HID Global Prox, CASI, AWID, Indala and others.
- Mifare Classic
- Mifare Desfire
- ISO 14443A
- FIDO

Best of all because its software, new credential types are constantly being added.



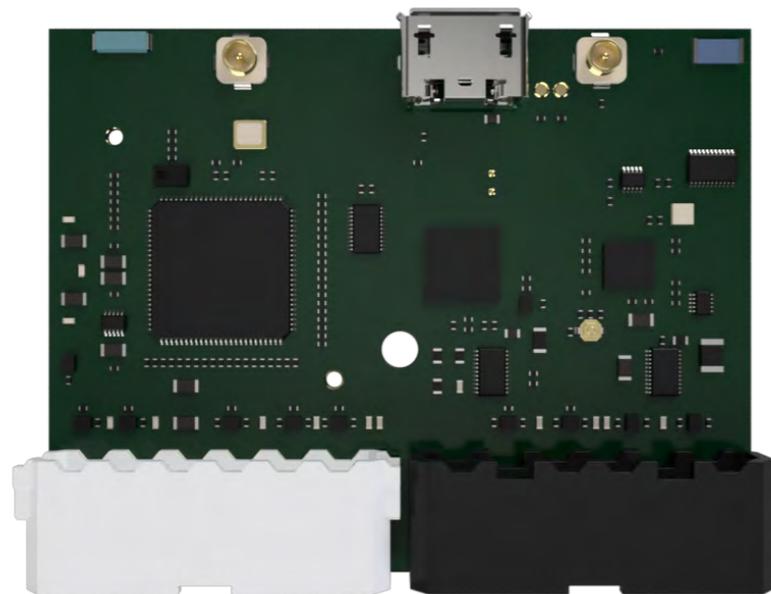
MOBILE CREDENTIALS

Safetrust Ecosystem



IoT Add Ons

Access Sensors for Physical Access



SABRE INLINE

The SABRE Wiegand/RS-485/WiFi reader is installed inline with or replaces an existing RFID door reader.



SABRE RELAY

A small SABRE IoT sensor with relay and inputs and outputs allows control of local gates and doors using IoT devices.

Access Sensors for Physical Access



PROXESS DOOR LOCK

The Proxess stand-alone lock includes Safetrust Firmware which allows mobile devices to send virtual credentials securely to the lock over BLE.

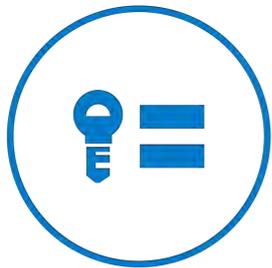


SABRE FIRMWARE

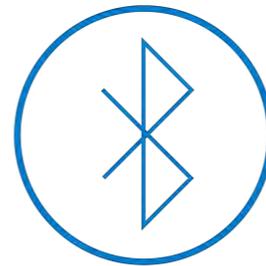
Adding SABRE firmware to partner door readers and locks enables the door reader and locks to support mobile devices and over the air management.

MOBILE ACCESS

Benefits of Enterprise Grade Mobile Access



All data is encrypted and digitally signed to protect it from compromise



Bridging into an overall IoT mesh of devices within a facility



Leashing provides crisp performance with access decisions made in advance:

- Hands Free Passive Intent
- Shake & touch Active Intent



Single mobile identity across the complete enterprise



Low battery consumption of APP keeps phones powered the whole day



Visual Identification both on the device and employees within BLE range

Time for Questions





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