SICUNET

Mobile Access Control Readers

ET20 / ET20L

ET25 / ET25L

ET5 / ET10 / ET10L

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Reader Overview

Sicunet's "Automated Credential Issuance" ACI and complete line of readers seamlessly allows administrators to send mobile credentials with "one click" invitation. ACI is easy and reduces the Total Cost Of Ownership "TCO" by dramatically reduces the time managing credential data and issuance.

Sicunet's line of multi-technology contactless access control readers offers a modern aesthetic and a state-of-the-art feature set. Reader RF options include Proximity (125 kHz), Smart (13.56 MHz), NFC, and Bluetooth®, so that customers can set their migration path to secure credentials and security ecosystems.

Features

- Sicunets Automatic Credential Issuance "ACI" seamlessly issues and autopolulates system.
- Multiple technologies in a single reader: Proximity, Smart, NFC & BLE
- OSDP Secure Channel and remote firmware upgradability
- FSK and ASK legacy proximity credentials support for seamless transitions
- Designed to meet the harshest indoor and outdoor installation environments

- OSDP Auto-Detect
- MIFARE DESFire® EV1 & EV2 support
- Tri-state LED light bar (red, green, amber) and audible beeper
- No transformers required

  You do not need to open or jester just present the phone within range
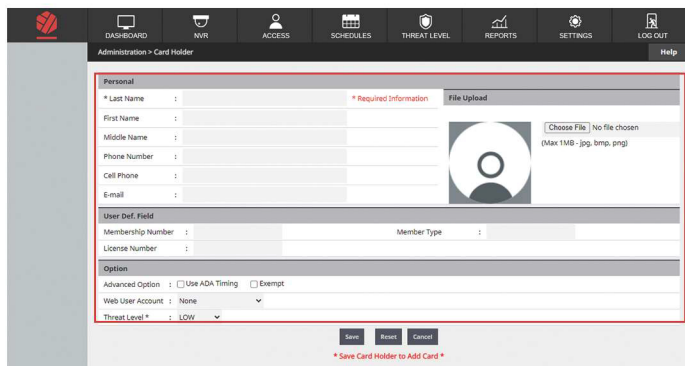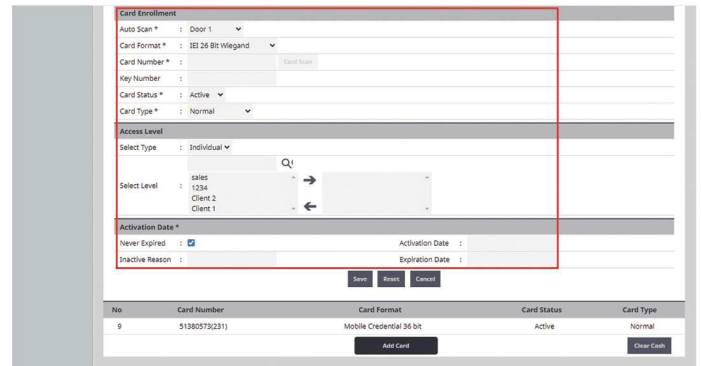- Models designated with "L" are long range 15ft and 25ft

⬡ Technical Specification

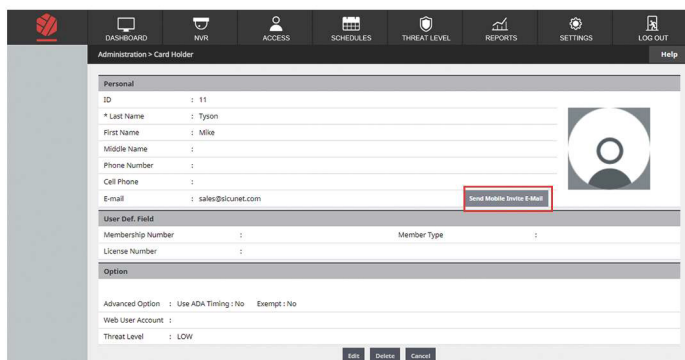| Model	ET5	ET10 / ET10L	ET20 / ET20L	ET25 / ET25L
Style	Mullion	Mullion	Single gang	Single gang with Keypad
Environment	In / Outdoor - IP55 Rated			
RF Technologies	13.56MHz & Mobile	125 KHz & 13.56MHz & Mobile		
Voltage	106 mA average, 144 mA peak		118 mA average, 169 mA peak	
Current	5-16 V DC			
Temp Range	UL™ tested -35° to 66°C and EN -40° to 70°C and 95% humidity			
BLE Range	Standard 3" - 4"			
BLE Range	Long (L) 15ft - 25ft			
Dimensions	5.1" x 1.7"" x 0.71		5.1" x 3.25" x 0.71	
Read Ranges	EV1: 1.2", EV2: 2.2", 125 KHz up to 4"		EV1: 1.5", EV2: 2.5", 125 KHz up to 4"	
Output	Wiegand, OSDP			
Warranty	Lifetime			3 Years
Certifications	FCC, IC, CE, UL 294, EN 302291, EN 301489, EN 300330, EN 50130-4, BIS IS 13252			

Mobile Credentials:
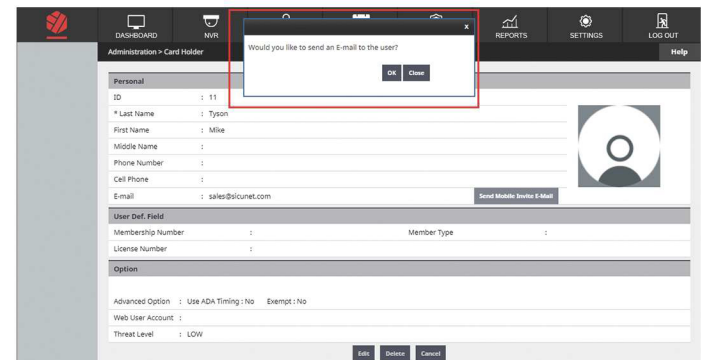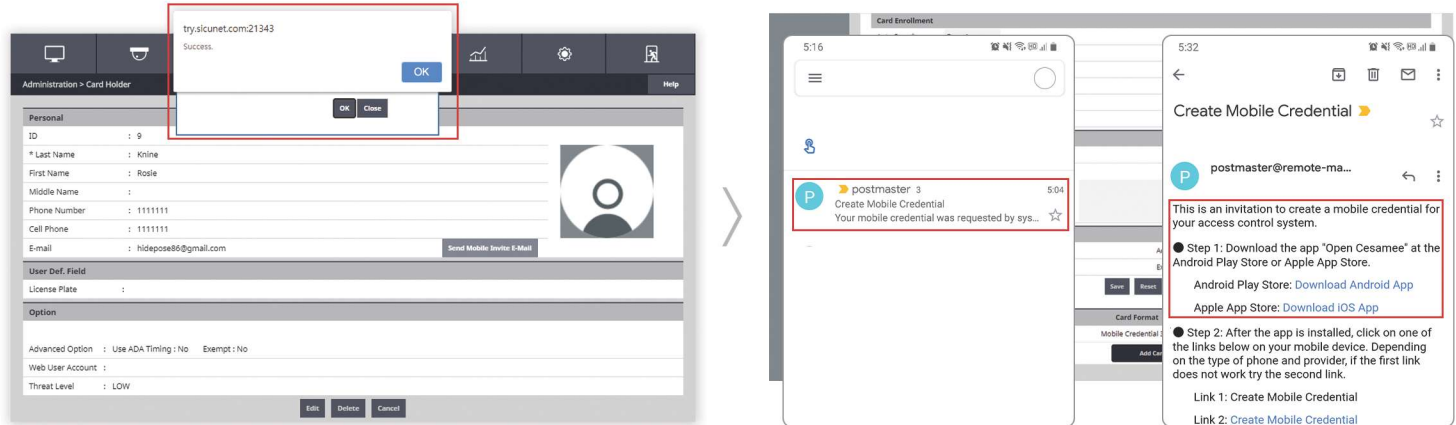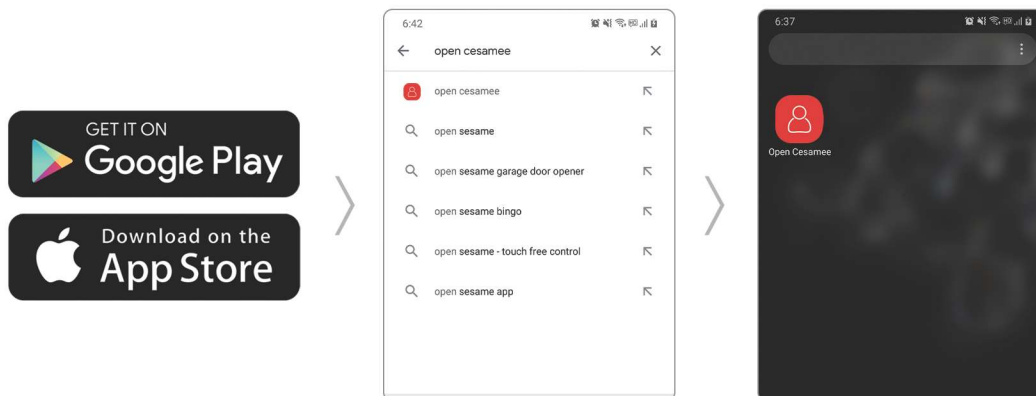
1. Add user

2. Click send invitation

3. System sends email through mail server

4. User opens email

5. User downloads App


Open Cesamee: Available on the App Store or Google Play
Touch Less Mobile Credentials: Safe, Secure, and Convenient Issuance
Open Cesamee by Sicunet mobile credential application that does one thing perfectly.
It securely stores your BLE / NFC ID and communicates it securely to your access control system for authentication.
Open Cesameee features mobile "touchless" cloud-issued credentials for automated and manual enrollment into your access control system.

6. Email link populates App
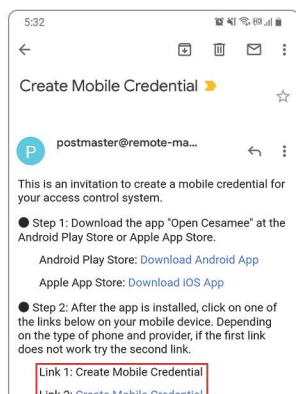
7. App sends data to cloud credential issuance server "CIS"

8. Server auto populates App

9. App is ready to use
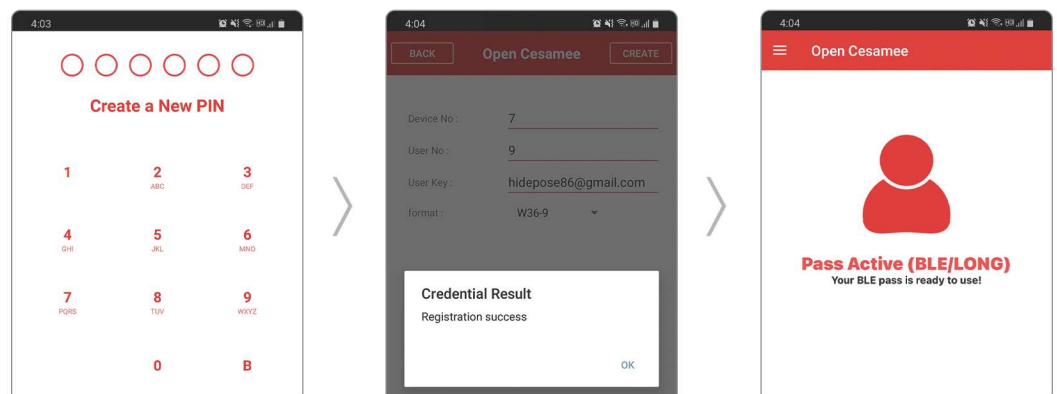
Open Cesamee offer two methods of issuance.

With Sicunet Access Control, the issuance and database data is automatically synchronized via the credential issuance server.
Whether you are adding one or many adding users is fast and easy. Sicunet's embedded flat file bulk loading import tool allows the administrator bulk load users into the access system and then with one click send credential invitation, issue a unique credential to each user and auto matically populate the mobile credential data in the system.

The integrated process is fast, saving the system administrator data entry time, providing a exceptional TCO when compared to other systems.

For legacy systems looking to add mobile credentials the administrator can manually issue the credential invitation via Open Cesamee cloud User Interface and manually enter the card data into most existing systems.
For legacy system Open Cesamee offers two credential types. 26 Bit and 36 bit.

Features

- Automated Issuance from Sicunet Access Control System makes it easy and loest TCO!
- Once issued the credential operates as a standalone requiring no internet service
- Credentials can be issued as a 36 bit or 26 bit card
- Credential issuance server supports manual issuance of credentials for non Sicunet systems
- Secure Data and Communications
- Ultra low battery draw as the application stays almost completely dormant, only becoming active when readers are nearby / in range of the device.
- Long range let you select automatic or press button to send the credential

Technical Features

- Bluetooth® Low Energy for iOS and Android
- Ultra-fast transaction times of less than 1 second
- Complete user privacy
- No personal information is used by the app
- All data is stored in separate secure element
- Guaranteed uniqueness of Open Cesamee ID
- ID data secured at rest in device in secure enclave storage
- Fully authenticated issuance from secure cloud credential authority
- End-to-end encrypted and signed credential data (AES 256)

- Multi-factor authentication using both user PIN and device security
- Hardware Requirements: Android devices with NFC and iPhone® 6 and later
- Available for iOS 10 and later and Android Marshmallow 6.0 and later
- ID is selectable for 26-bit or 36-bit unique number
  (Start and stop parity bits apply emulating traditional proximity card for legacy system integration)
- Once credential is enrolled the mobile device does not require an internet connection as the phone and reader is now standalone.
- Hold-to-reader mimics proximity card (short read range)
- The range can be set for NFC, Short, Medium and Longer range with standard reader,
- Get in the range and send the credential automatically

TIPS

- Reader Beeps it recognizes credential - check to see if enrolled in access system
- Hold phone within 1 inch of the reader
- Some phone cases may interfere with communication—remove case when troubleshooting
- On Android, ensure the screen is illuminated (device does not need to be unlocked)
- Ensure NFC is enabled on Android and BLE is enabled on iOS