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# Yale Sclak

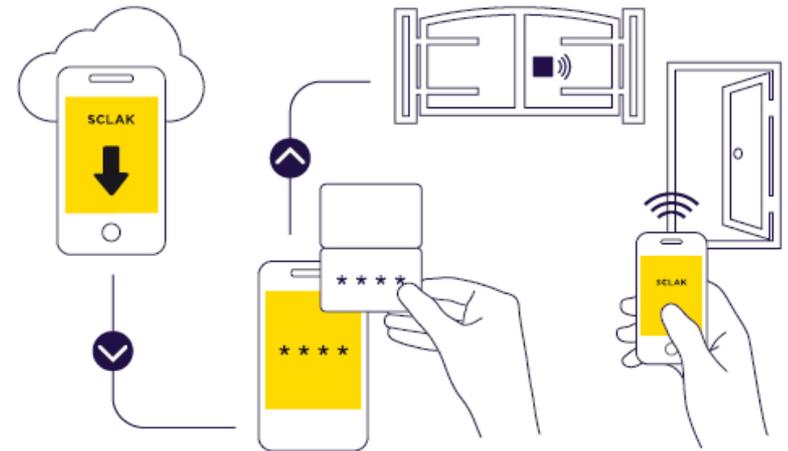
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# What is the Yale Sclak



- Sclak is an access control system made by door devices and a mobile cloud platform
- The door device is a Bluetooth module that controls a relay board. Sclak module is activated by Sclak mobile app using Bluetooth 4.1
- The door device is compatible with **any electric and electromechanical lock in the market (new or existing)**



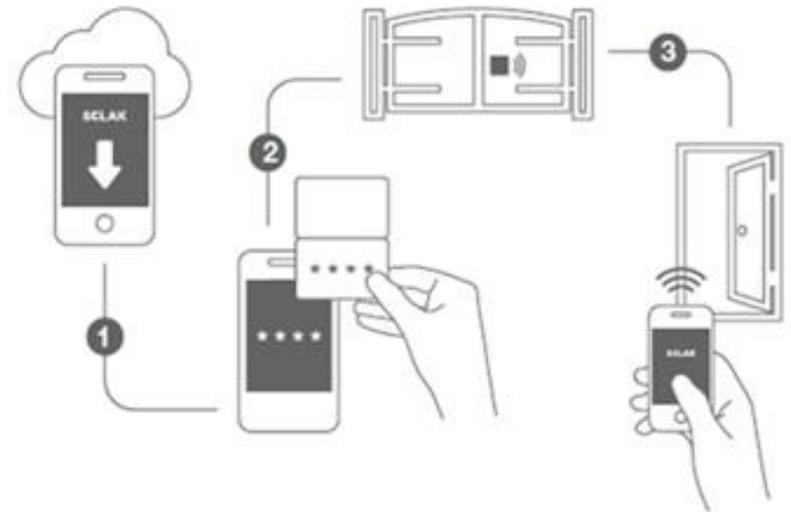
# Main Entrance example



# How Yale Sclak System works



- Bluetooth module connected to any electric/motorized lock
- Sclak checks if the Smartphone is authorized or not and if it has valid keys to open the door
- The device works around the Sclak cloud application
- The door device has no knowledge about the users or authorizations
- The app connects to the server to receive and send authorization keys
- When the app opens the door, it sends the notification to the system (real time audit trail)



# Yale Sclak App



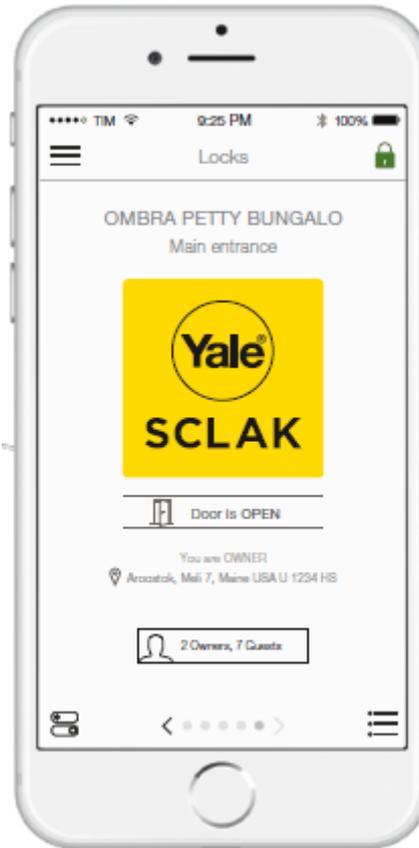
It can be installed on any phones with iOS 8 and higher or Android 4.3.1 and higher



Control all your locks with a single app



Add and remove guests from the app



Personalise the access permissions



Store to buy guests invitations

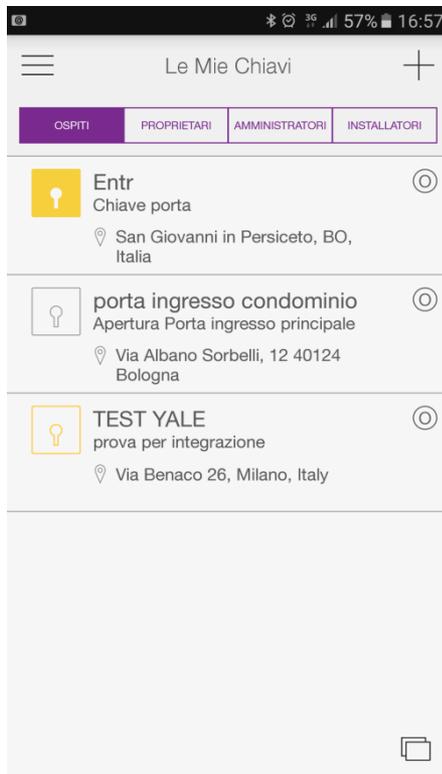


Settings

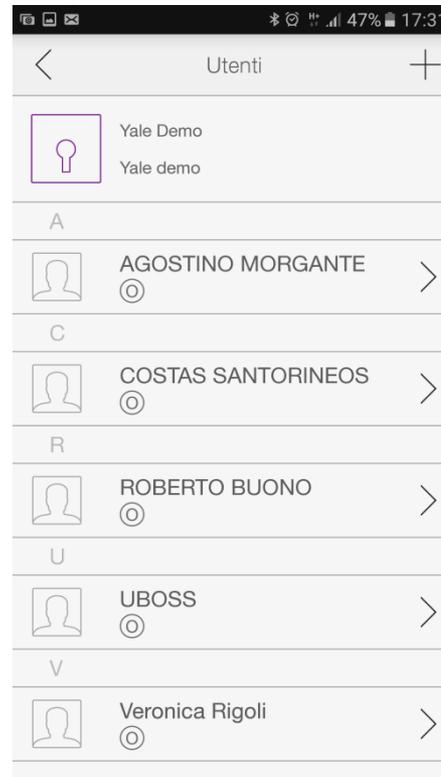
# Yale Sclak App Main Features



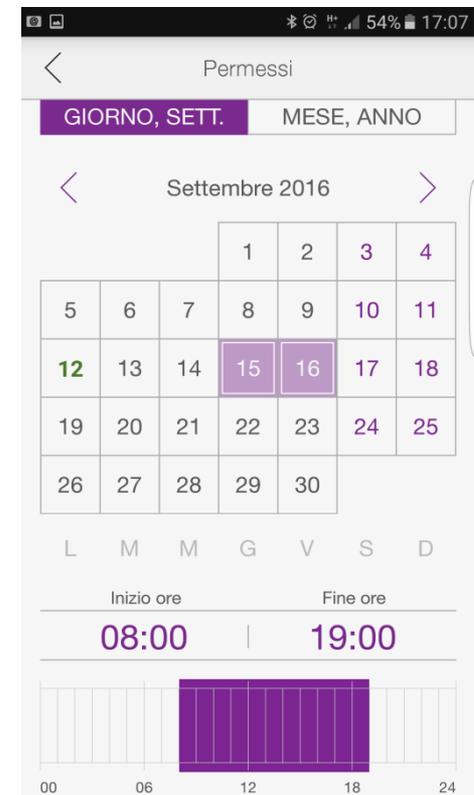
## Multi Door Management



## Guest Management



## Access Rights Management



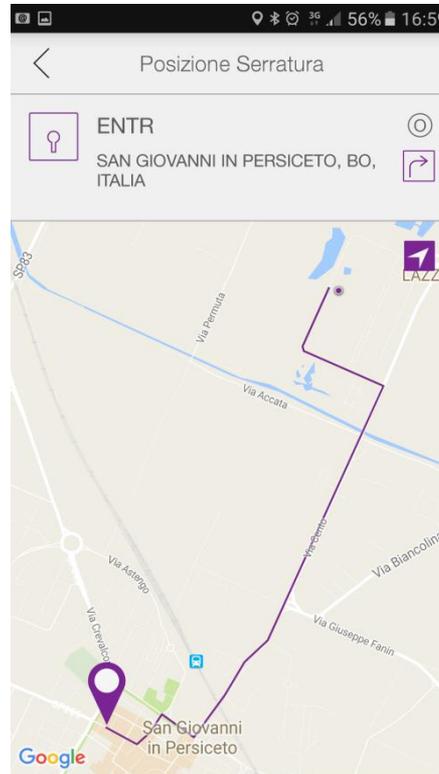
# Yale Sclak App Main Features



## Real time Audit Trail



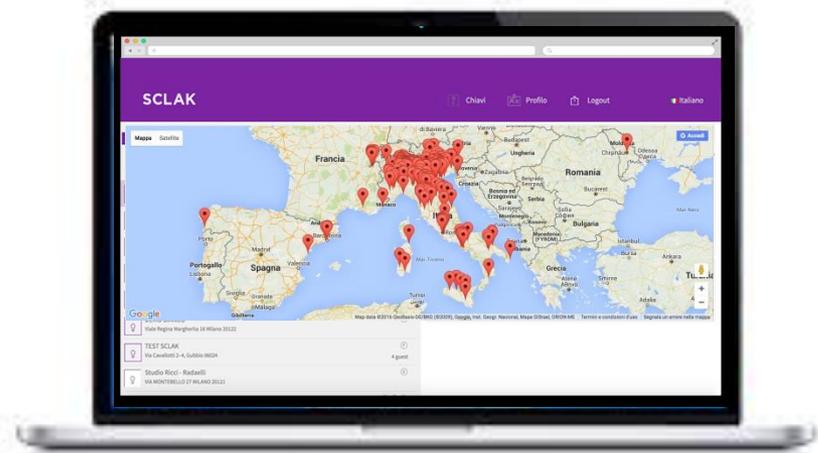
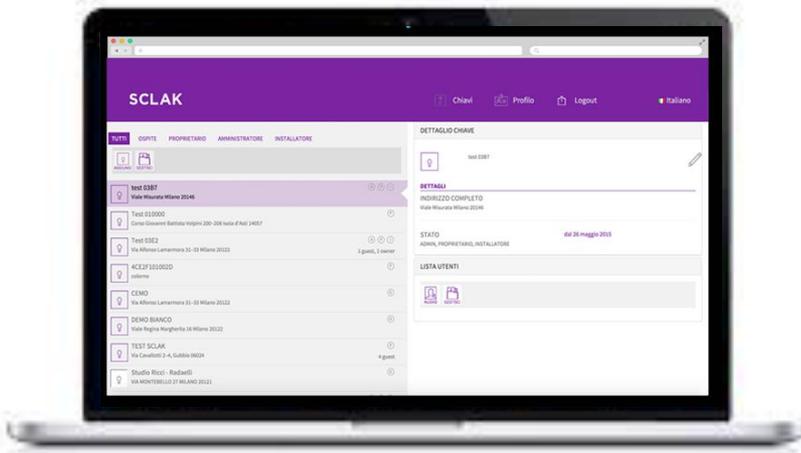
## Door Tracking Drive me to lock



## E-Keys mobile store



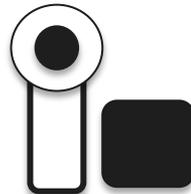
# Yale Sclak App back-end



Users  
Management



E-Keys  
Management



Units  
Management



Track  
Monitoring



Report  
Statistics

# Yale Sclak Product Range



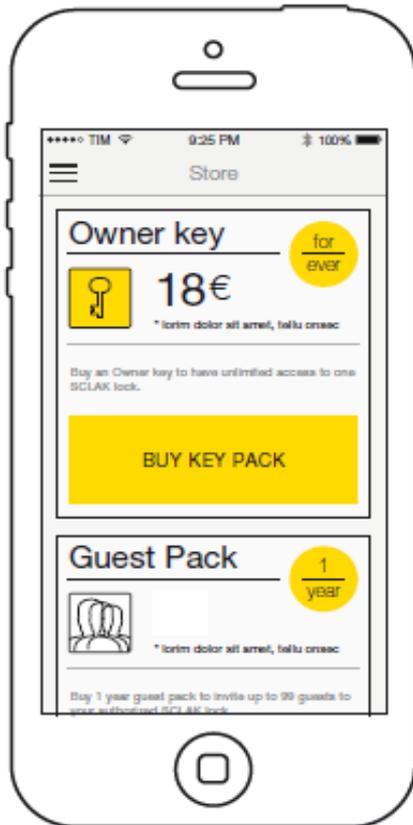
- Suggested Retail Prices:
  - Device: 199,00€
  - Remote: 45,00€
  - RFID reader: 189,00€
  - Keypad: 219,00€

Note:

The “device” contains the following:

- 1 Device
- 3 owner’s keys

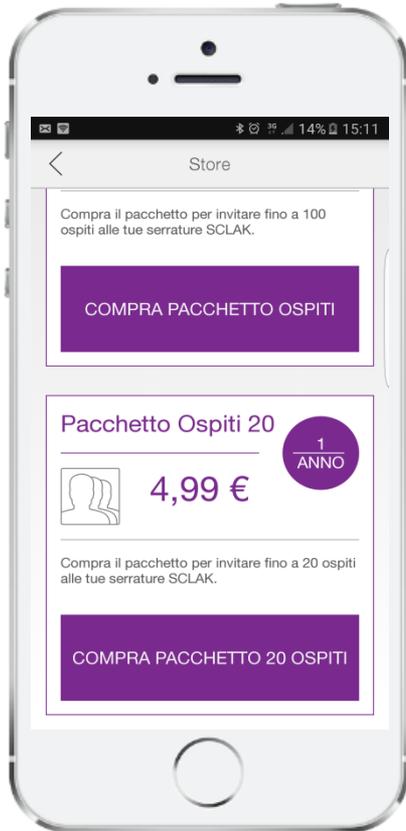
# Yale Sclak Recurring Revenues



**Owner Key:**  
**1 Key: 18€ / lifetime**

- E-Key App Store
- Activation Coupon Sold Through Yale WS/Retail channel

# Yale Sclak Recurring Revenues



## Guest Keys:

20 Keys pack: 4,99€/Year

100 Keys pack: 7,99€/Year

- E-Key App Store
- Activation Coupon Sold Through Yale WS/Retail channel

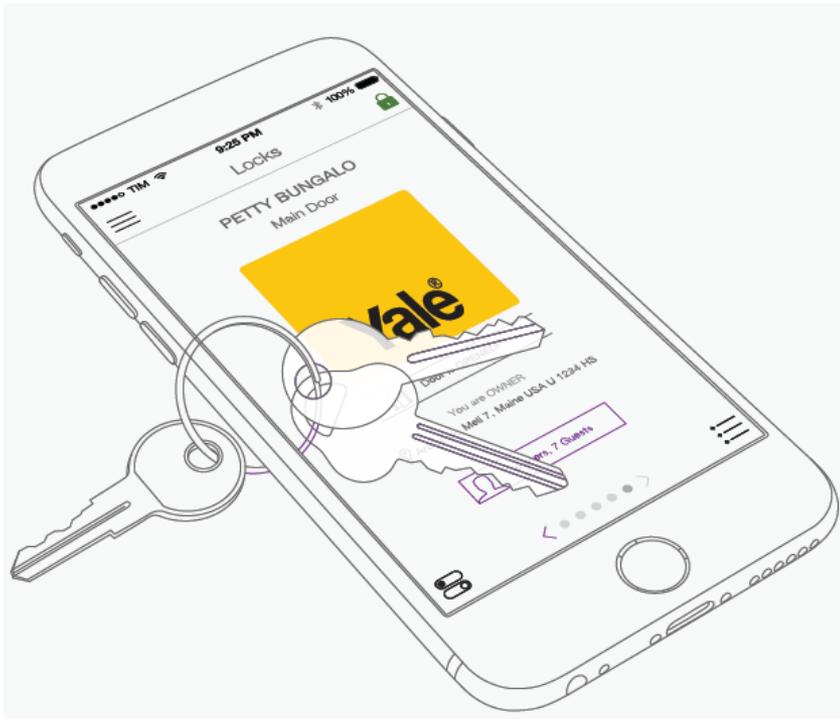
# Yale Sclak Security



- Communication between App and door device is with Bluetooth 4.1
- All communication between App and door devices are encrypted using SHA-2, an NSA protocol that changes the encryption key to every communication session
- The communication between the app and the server use SSL security encryption
- Keys information are not stored in the server, so even if hacked there is no possibility to get access to the doors
- Possible to set security levels for users to avoid offline operation



# ENTR & Yale Sclak Integration



- Full ENTR Integration with Sclak cloud-based Access Control System
  - Remote Key Management
  - Real time access management
  - Real Time Audit Trail
  - Digital Key e-store
- Complete Interoperability with Sclak devices (new & installed)
- ENTR e-keys sales

# ENTR & Yale Sclak Integration



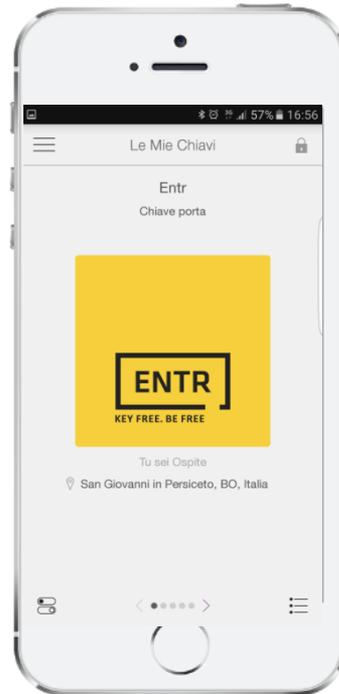
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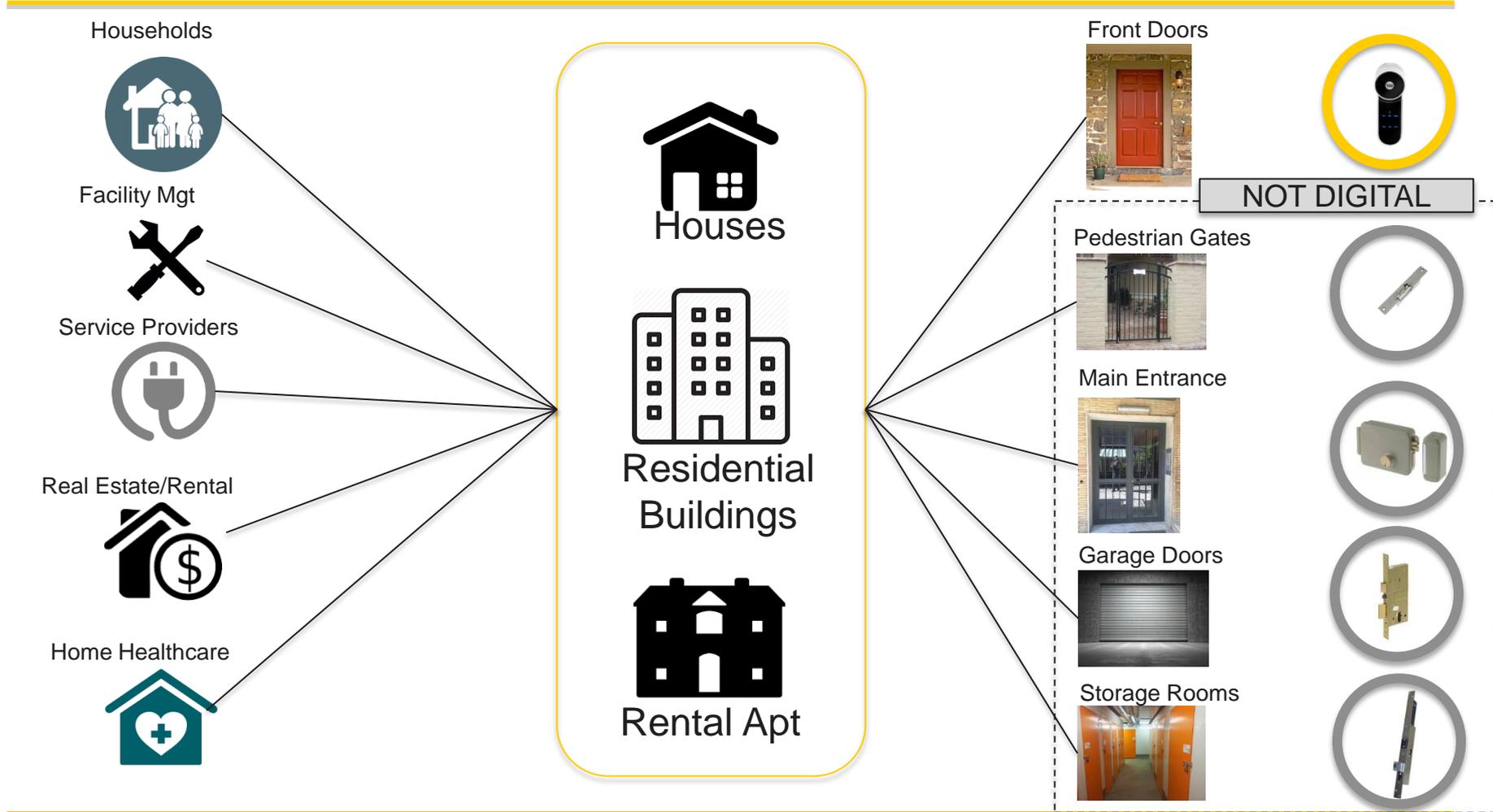
Settings



Bluetooth  
4.0



# Residential Buildings Access Environment



# Residential Integrated Access Solution

