



April 20, 2021

Cory Hamma  
Cameron Estates Community Services District (CECSD)  
PO Box 171  
Shingle Springs, CA 95682

Hello Cory,

Thanks for contacting Tap2Open to discuss your gate/security needs. Based upon our conversation, I think we have the ideal gate solution for you! Below I will outline my understanding of your needs, and how Tap2Open can help you.

**Current Solution/Needs:**

Your community has 3 gates with roughly 250 homes and a keypad with a fixed set of codes to allow access. There is Internet connectivity (cellular) at the gate.

**Proposed Solution:**

Tap2Open is a gate entry solution for the 21<sup>st</sup> century. The product was designed to allow residents to invite guests using their smartphone, computer, or tablet, and for the guests to let themselves in at the gate with just the push of a button!

Essentially, it turns the visitor's phone into a remote control! Here are some of the key features:

- Guests do not have to interact with guards or keypads. This is much faster, and eliminates touch points (Covid friendly)
- Guests do not have to install an app to access your community!
- Residents can invite/schedule visitors from anywhere/anytime
- Flexible scheduling allows residents to control exactly when guests may enter
- Residents can cancel or update an invitation at any time
- Guests without a smartphone can be given a unique PIN code with the same time/date restrictions of smartphone invitations (with the optional keypad)
- It can replace your entire system or work alongside your existing keypad, barcode reader, guards, etc. so there is no loss of functionality
- Residents can let themselves in with the Tap2Open Access app. Optionally the community may configure the system so that residents can open the gate anywhere on property or even world-wide.
- Residents can also use their phone to "buzz in" visitors in real time (if allowed by the community)



### **System Costs:**

#### **Monthly Recurring Costs:**

Residential Service	\$1.75/housing unit	\$437.50/Mo.
Hardware	\$25.00/controller	\$75/Mo.

- Controllers that require cellular service (through us) are an additional \$10/Month/Unit; note if you already have cellular service, this should not apply
- Based upon a 24-month contract

#### **One-time costs:**

If needed/desired

Keypad(s)	\$600
Shipping	\$30 (estimated)

We have a slightly cheaper keypad that is just a numeric keypad for \$500. The keypads are the only upfront cost to our system.

Please note that installation is generally completed by your gate company. The cost of installation is separate. We can provide detailed documentation to your gate company. The installation is pretty easy and similar to other gate devices. What is simpler is that software configuration is provided by us (at no additional charge) in the cloud.

### **Conclusion:**

Hopefully from the calls we have had I've convinced you that we have the best solution for your community. I will follow up in a few days to determine how we proceed. If you are ready to go, I'll send you a service agreement. In the meantime, if you have any further questions, please do not hesitate to contact me at **617-816-7111** or **daniel@tap2open.info**.

*Thank you for choosing Tap2Open.*

Sincerely,

Danny Munson  
VP of Sales & Marketing

# Privacy Policy

This page informs you of the Tap2Open, LLC ("us", "we", or "our") policies regarding the collection, use and disclosure of personal information when you use the services of the tap2open.com website (the "Service").

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Our Service only stores information you choose to submit (such as guest names) and only for the purposes of providing the service. We do not share this data with third party companies.

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- Maintain, safeguard and/or preserve all the rights and/or property of Tap2Open, LLC; and
- Perform under demanding conditions in an effort to safeguard the personal safety of users of and/or the general public.

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Our service uses cookies that help us to make our website work as efficiently as possible; such as remembering your login session details, remembering your settings preferences, or ensuring that your login session is not hijacked.

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statistics. We will not disclose this log data. The log data will only be used for the benefit of operating our Service.

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Tap2Open, LLC. may employ third party companies and individuals to facilitate this Service, to provide the Service on our behalf, to perform service-related services or to assist us in analyzing how our Service is used. These third parties may have access to your personal information only to perform these tasks on our behalf and are obligated not to disclose or use it for any other purpose.

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# Tap2Open's Cloud-based Smartphone Access System

A modern alternative to call boxes, manned gates, and remote guards



## RESIDENTS

*Residents can easily schedule a single visitor or group and send invitations anywhere there is Internet connectivity*

*Invitations can be sent simply via SMS, E-mail, or by copy-and-paste*

*Flexible scheduling allows residents to control exactly when guests may enter*

*Residents can cancel or update an invitation at any time*

## GUESTS

*Guests avoid long lines and wasted fuel waiting for entry*

*No need to install an app; a single tap opens an invitation right in the guest's mobile phone's browser*

*Automatically provides guests with driving directions and entry instructions on their smartphone*

## COMMUNITIES

*The system maintains detailed access logs*

*No special programming tools required – residents are managed with an easy-to-use web interface*

*Complements existing access systems and reduces overhead to help cut costs*

*Increased security with less manpower*

*"Move out" feature ensures past residents' privacy*

The Tap2Open™ smartphone access system provides a simple and elegant solution for entry into your gated community: smartphone access! Tap2Open can easily grant temporary physical access to anyone with a GPS enabled smartphone.

Our cloud-based service is easy to use, simple, and convenient for any size installation. There are no servers to setup or software to install.

Residents can use their PC, tablet, or smartphone to send an invitation to their guests. Their guests can use the invitation to access the premises only during the scheduled time when they are at the gate.



Tap2Open is ideal for any electronic entry system such as gated communities, office buildings, storage facilities, parking garages, and apartment complexes.

Unlike access codes, which can be easily shared undesirably, Tap2Open invitations can be locked to a particular guest device or even made "one time use only" for increased security. Residents can even be notified electronically when their guests enter.

Modern, convenient, and secure: Tap2Open is the high-tech solution you've been looking for!

**Contact us today and start making your residents feel safer and their guests more welcome!**

Contact us for pricing, availability, and additional information

[www.tap2open.com](http://www.tap2open.com)

[sales@tap2open.com](mailto:sales@tap2open.com)

1-561-740-OPEN (6736)

Patent pending. Proudly engineered and manufactured in the U.S.A.  
Note: Specifications subject to change without notice.  
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The Tap2Open™ cloud-based access control solution allows users to access electronically controlled entrances by smartphone, keypad, or a guard. Easy, simple, and convenient for small installations but expandable to large communities with thousands of residents and multiple points of entry.

The RG0-7747 controller provides a secure, self-contained interface to gate actuators for the Tap2Open cloud-based access control solution. To simplify site planning multiple controllers can work together reducing the need for long-haul dry contact wiring.

In most cases no programming or setup is needed; the configuration is automatically downloaded from the cloud. Manual configuration, if desired, is easily accomplished with a USB drive – no special software is necessary.

The RG0-7747 works with a standard Internet connection – no static IP address is needed. Configurable contact closure time and relay slaving allows for integration with almost any existing system. Contacts can also be assigned special functions (e.g. DVR triggering, fail open, fail secure, etc.)

### Model

Power supply

Switched contacts

Weatherproof Enclosure  
(optional)

Dimensions

Ethernet Connectivity

Cellular Connectivity  
(optional)

Security

Operating temperature

Peripheral interfaces

### RG0-7747

12-32V DC ~5W nom.

4 SPDT dry contacts  
rated for 10A

NEMA IP68 UV resistant  
polycarbonate

6"x8"x4" (IP 68)  
9"x9"x3" (indoor plastics)

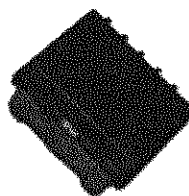
10/100 Ethernet  
802.11a/b/g

LTE  
HSPA  
UMTS (WCDMA)

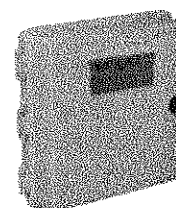
TLS v1.2  
AES-256 GCM  
RSA / DH / ECDH

-20°C to 80°C

RS-485  
2x isolated digital inputs  
3x USB 2.0



Outdoor enclosure



Indoor enclosure

[www.tap2open.com](http://www.tap2open.com)

[sales@tap2open.com](mailto:sales@tap2open.com)

1-561-740-OPEN (6736)

U.S. Patents: 9,640,002 / 10,360,363, and 10,720,001.  
Proudly engineered and manufactured in the U.S.A.

Note: Specifications subject to change without notice.





# TAP2OPEN

**A SMARTER ALTERNATIVE TO  
CALL BOXES AND REMOTE GUARDS**

**Covered by 3 US Patents!**

# INVITE GUESTS IN 3-STEPS



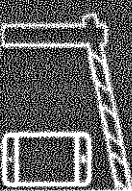
## 1. CREATE INVITATION

A resident uses Tap2Open on their phone, tablet, or laptop to send an invitation to the mobile number or E-mail address of a guest or guests.



## 2. SEND INVITATION

The guest receives the invitation on their mobile device. The link includes instructions and driving directions to the resident's home.



## 3. TAP OPEN

The entrance is open

- The phone is in the entrance
- The proper conditions for the invitation are met
- The guest pushes the button

Tap2Open isn't just for guests! Residents can use their phone to enter as well! This is useful for Uber and Lyft users.



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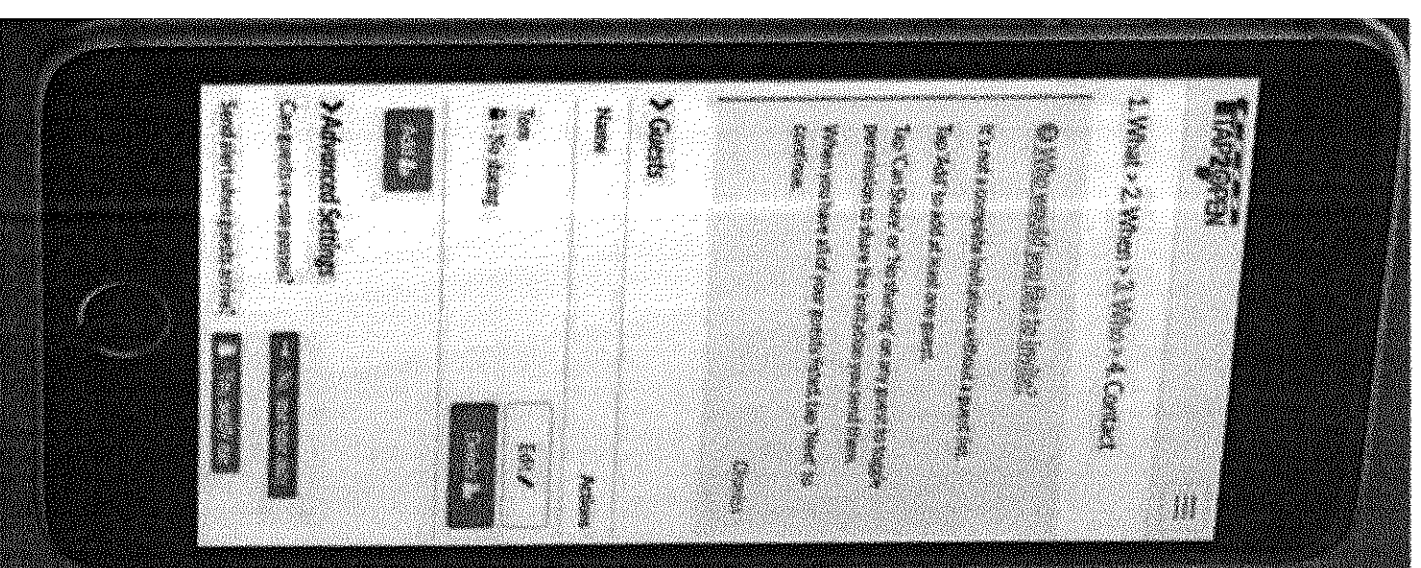
# Advantage: CONVENIENCE

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- Tap2Open guests don't have to wait!!!
- Touchless-Guests don't need to interact with callboxes-Covid friendly
- Residents can enter the community with their smartphone
- Residents can invite guests anytime from anywhere
- Residents don't need to be available at the moment guests arrive
- No need to open the car window in inclement weather
- Reduce Stacking-Shorten the visitor line & keep waiting cars out of traffic
- No more lost visitors: Each visitor gets personalized driving directions

# Advantage: SEC

- Each invitation is unique
- Invitations are time and date restricted
- Invitations can be made "one time use"
- Invitations can be locked to a particular user
- Residents can be notified on entry
- *Detailed event logging* visible to the residents and the community
- Strong cryptography ensures system security

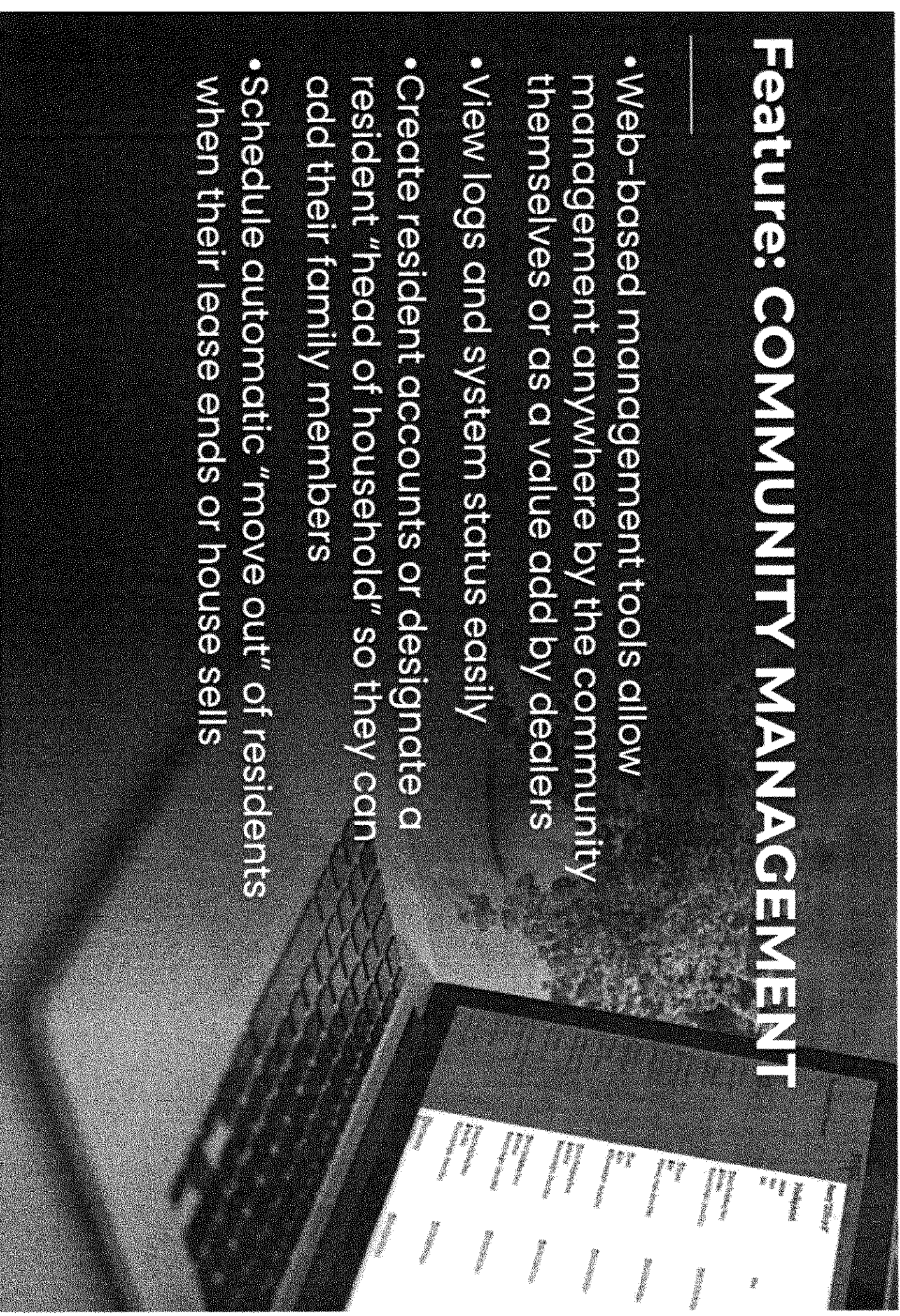




# Feature: **COMMUNITY MANAGEMENT**

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- Web-based management tools allow management anywhere by the community themselves or as a value add by dealers
- View logs and system status easily
- Create resident accounts or designate a resident "head of household" so they can add their family members
- Schedule automatic "move out" of residents when their lease ends or house sells



# SERVICE BENEFITS

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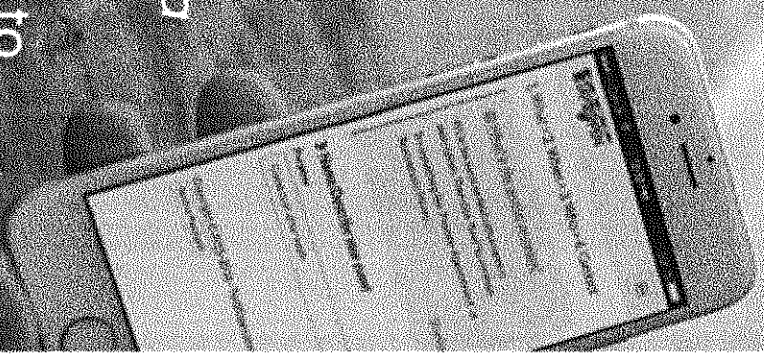
- Ideal for:
  - Residential gated communities and high-rise buildings
  - Commercial uses: office buildings, storage facilities, parking garages, marinas, etc.
- Can open gates or electronic locks
  - Gym doors, swimming pools, etc.
- Convenient for both residents and their guests
- Easy to use
- Increased convenience
- Increased security



# Problems with Callboxes

## And how Tap2Open Solves Them!

- Person isn't home to answer the phone  
*Our invitations mean residents don't have to be home or answer the phone*
- Buzzing someone in sometimes doesn't work  
*Residents can let themselves and/or others in by clicking on a button in the app*
- Buzzing someone in only works from the phone connected to the callbox  
*Any phone/tablet/computer can be used for our system/apps*
- Cumbersome to go through the directory  
*If someone is coming to visit, they should have your phone number; you can then click them in; and the transaction gets logged*



# Problems with Callboxes (Continued)

## *And how Tap2Open Solves Them!*

- No Event Logging
  - *Tap2Open logs each opening and where the invitation originated*
- Opening up window/door in bad weather (heat, snow, rain, cold)
  - *No need to interact with the callbox with Tap2Open!*
- Pulling up to the callbox can be difficult – they are often damaged by drivers!
  - *No need to interact with the callbox with Tap2Open!*
- Directory only contains one person
- Some people don't have home phones
- Callbox won't call long distance number
  - *Person calls your phone from their phone, you can let them in immediately; can be any phone*



# Keypads/PINs

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- Meant to be used as a backup
- They work with our (optional) keypads
- A code (PIN) is tied to a specific invitation
  - *Follows the same rules as the invitation*
  - *PIN automatically expires along with the invitation*
- System creates hard-to-guess codes
  - *Think smart passwords vs. 1234!*
- Codes can be longer in length than 4 characters
  - *Harder to guess; many more combinations*
  - *Length set by community*
- Separate codes should be created for each guest

## **Feature: ENTRANCE PROFILES & SCHEDULES**

- Define entrance profiles to limit access of residents and their guests to certain entrances
- Entrance profiles can be changed – immediately changing access for a large number of users conveniently
- Entrances can be configured to have a limited operating schedule (visitors are warned of a pending gate closure right on their device)
- Gates can be designated residents only, guests only, or both
- The maximum duration of invitations can be limited by the community





# Different Configurations for Different Situations

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- **Can be used as a complete system or alongside other systems**
  - Keep the systems and features you already have
- **Smart Phones – Designed to be Mobile**
  - Main functionality works with smartphone, tablet or computer
  - No app needed for guests
- **Keypads**
  - For people without smart phones
  - Generates unique codes – with the length set by the community
- **FOB's & Keycards**
  - Now supported – good for residential doors & amenities

# Easy Instal

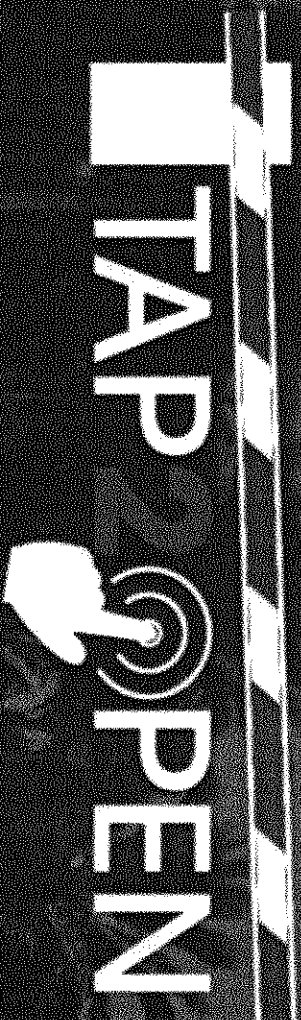
- A custom unit was built: RGO
- Robust hardware allows for in outdoors
- 1 Box controls up to 4 gates/d
- Any number of controllers can single community
- Quick and easy setup of device a USB memory stick
- Multiple power supply and co options available
- Works with Wifi, Cellular or Wi
- Trigger Output (trigger a DVR,



Small Footprint:  
9"x9"x4"



# Questions?



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