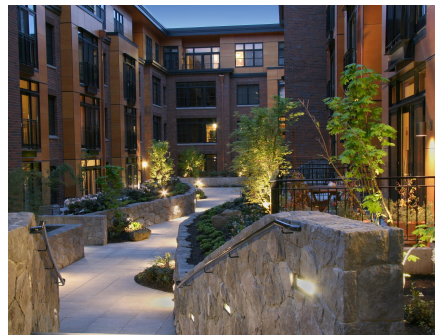# Access Systems @ The Vaux

Visitor + Resident + Parking
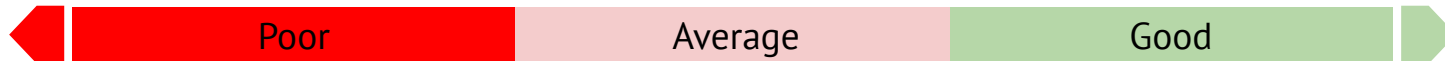
18 COMPROMISED ENTRIES AT THE VAUX SINCE JUNE

Security Index
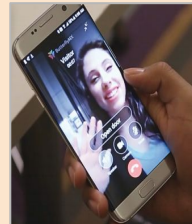
Poor	Average	Good

Every deviation for convenience for ONE resident lessens security for ALL residents

THE VAUX

Overview of New Systems

1. **Visitor Access**
   - Call Box
   - 2 Call Boxes
   - App: **ButterFlyMX**

2. **Resident Access**
   - Card Readers
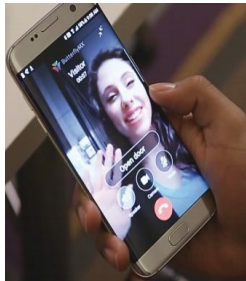   - 24 Readers
   - App: **OpenPath**

3. **Parking Access**
   - Parking Garage
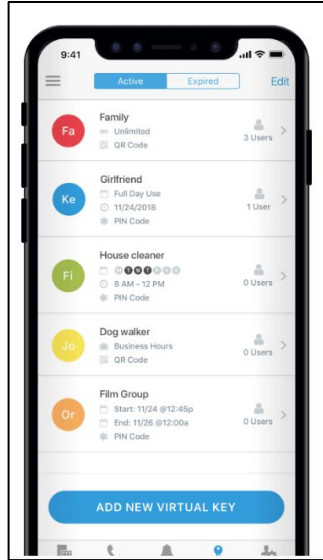   - 1 Parking Gate
   - App: **OpenPath**

THE VAUX

ButterFlyMX - Visitor Call Box

Call

Virtual Key

251 All tenants	**166** Registered	**85** Unregistered

How It Works

- **Swipe to Open** Open the door for a visitor from the app
- **Video Calling** See who is calling via smartphone
- **Virtual Keys** Send virtual keys for managed visitor access
- **Voice Controls** Siri and Alexa enabled to unlock with voice
- **Door Release Logs** Time and date stamped photo within app

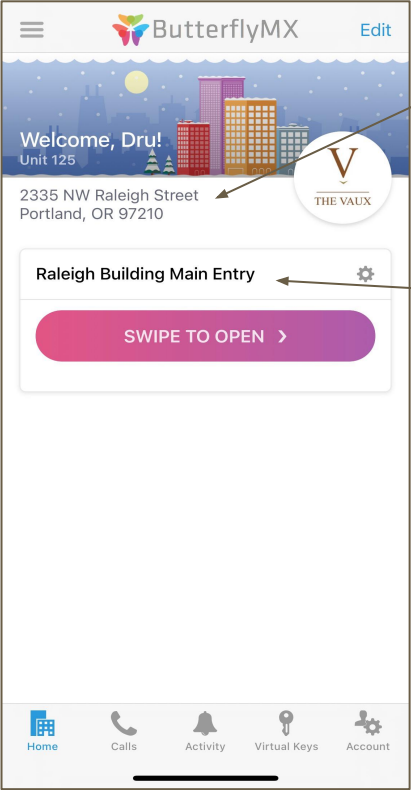# Vaux Access Systems: Visitor Access System (Set Up Continued)

V
THE VAUX

ButterflyMX App - Home Screen

☰ **ButterflyMX** Edit

Welcome, Dru!
Unit 125

2335 NW Raleigh Street
Portland, OR 97210

Raleigh Building Main Entry ⚙

SWIPE TO OPEN ›

🏠 Home 📞 Calls 🔔 Activity 🔑 Virtual Keys ⚙ Account

Note the address will show 2335 NW Raleigh for ALL residents on phone app (that is the project address - NOT your street address)
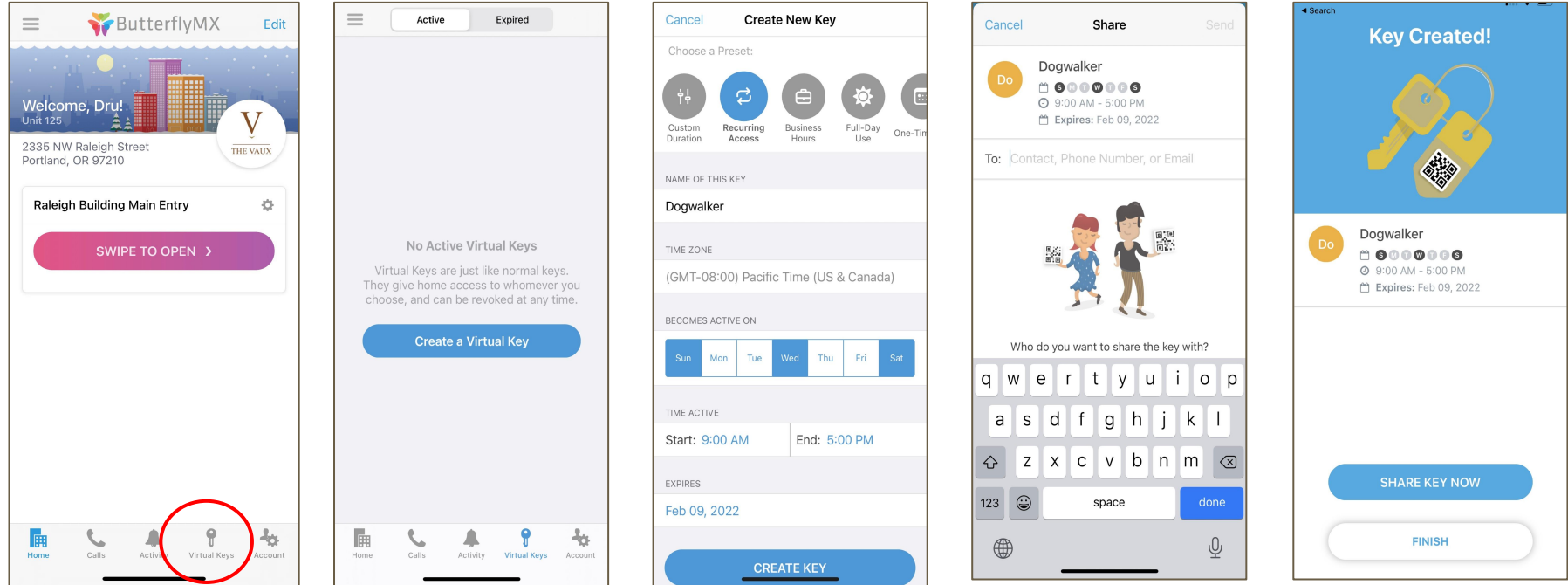
The main entry door for YOUR building will appear here

Optional - you you can personalize message on display at Main Entry (up to 140 characters)

Account

☰ **Account**

DIRECTORY MESSAGE

Not Defined ›

The directory message is intended to communicate with your visitors. Anything entered here will be displayed at the intercom when a visitor selects your name.

NOTIFICATION SETTINGS

Call Contact Preference ›

Door Open Notifications   Email ›

Message Notifications   App ›

Notifications include: Voice and text messages, missed calls and access activity.

Do Not Disturb ⊘

Warning: This action is intended to turn off all notifications. You will not get notified when a visitor has arrived at your property if this option is enabled.

Help

Logout

🏠 Home 📞 Calls 🔔 Activity 🔑 Virtual Keys ⚙ Account

Contact Preference

‹ Account   **Contact Preference**

App Notification

App Call ✓

Phone Call

Using the mobile app adds video capabilities with your guests/deliveries.

If you'd like to only receive phone calls, remember to press 9 to permit access.

Select:

1. "App Call" for video call (Need app on phone)

OR

2. "Phone Call" if you don't have smartphone or don't want video call

ButterFlyMX - Setting up a Virtual Key

Note: ButterflyMx virtual key will only open your buildings main entrance!

V

THE VAUX

App Call = Video (Need the app)

Phone Call = No Video (No app)

If you select "App Call"

Your incoming call will say coming from you building:

"Raleigh Building Main Entry"
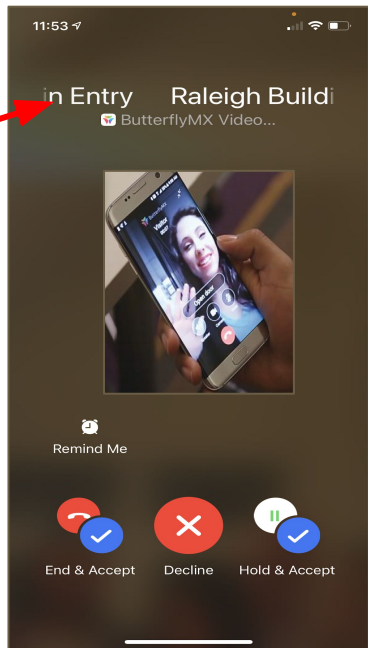
OR

"Savier Main Building Entry"

in Entry   Raleigh Buildi
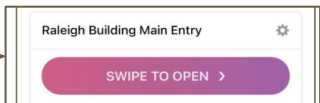
ButterflyMX Video...

Remind Me

End & Accept   Decline   Hold & Accept

Account   Contact Preference

App Notification

App Call ✓

Phone Call

Call via app (video) swipe to open

Raleigh Building Main Entry

SWIPE TO OPEN >

If you select "Phone Call"

Your incoming call will come from one of the 2 numbers below as a regular call:
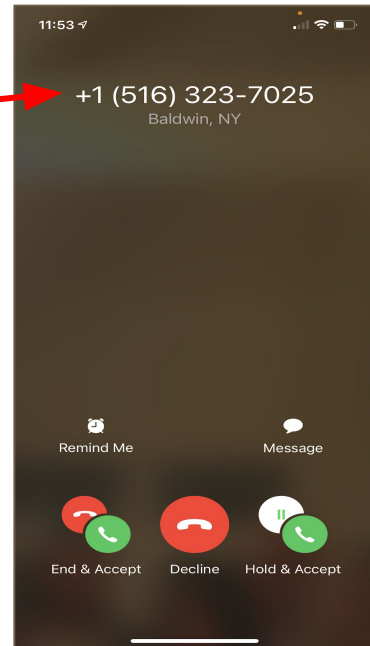
- 646-679-4725
- 516-323-7025

You can add these numbers to your contacts so the number is recognizable to you.

11:53

+1 (516) 323-7025
Baldwin, NY

Remind Me   Message

End & Accept   Decline   Hold & Accept

Account   Contact Preference

App Notification

App Call

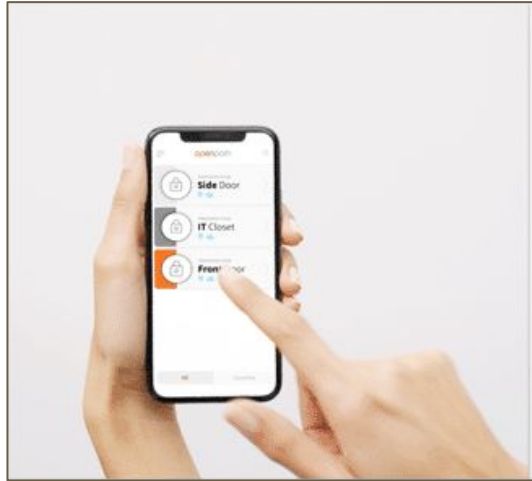Phone Call ✓

Call to phone press 9 to open

WHAT ABOUT FEDEX, UPS AND AMAZON?

Your smartphone is now your FOB!

THE VAUX

OpenPath - Best in Class Security

Risk is everywhere

PINs
Personal Identification Numbers are easily shared or forgotten, and troublesome to change.

Cloning
Low frequency proximity cards and magnetic stripe cards are very vulnerable to record and replay cloning.

Cards
Cards are frequently lost, stolen, or shared between employees, with low ability to identify individual users.

Reader vandalism
Card readers that store any data on them are vulnerable to physical tampering and can expose data or even compromise an access control system.

The Openpath solution

Directory integration
Maintain a single source of truth for all your users. Synchronize your Openpath users with your directory like Google G Suite, Office 365, Azure Active Directory, Okta, or OneLogin.

Audit trail integrity
Create and securely store an ongoing log of all confirmed access to your location to help support forensic investigation of any incidents and meet record retention requirements.

Encrypted RFID cards
Openpath recommends and offers DESFire EV2 access cards. They offer some of the strongest encryption and security available, with no publicly known vulnerabilities.

Reader security
Reader security may be the most overlooked, vulnerable point in an access control system. Our readers store no sensitive data or secret material. They act as a blind proxy between the credential and control unit and offer no value to those who attempt to tamper with it.

Identity oversight
If an employee or user joins or leaves the company, authorization is instantly granted or revoked.

CloudSync
CloudSync is our offline first technology, which allows the system to operate even if your Internet connection goes down.

Real-time monitoring
Dashboards display successful and failed entries, sensor alerts, and ajar notifications in real-time and help you track the state of access controls around your physical perimeter.

Biometric authentication
For any sensitive locations and entries, you can leverage fingerprint authentication or facial recognition that is already built into smartphones.

Multi-factor authentication
Enable multi-factor authentication on any entry for added security.

Cloud security
All communication with the cloud is encrypted end-to-end with strong public key cryptography and mutual authentication.

IoT
Companies are faced with the challenge of managing IoT devices, often running old, insecure, and difficult to upgrade firmware. Because our system is fully managed, we keep your system secure from emerging threats.

Mobile security
All phone communication is fully encrypted, end-to-end, without any dependence on the security of the underlying wireless protocols.
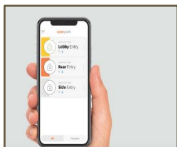
To learn more: OpenPath Security

OpenPath

Fob

SmartPhone

Watch

Fobs vs Smartphones - The Why

1. Fob - identifies the Fob used - not the person
2. Phone - identifies phone and person
3. Phone less likely to be misplaced or stolen
4. Real time access management/admin
5. Creates greater security for residents

- **Wave to Unlock** Contactless - activated by waving hand in front of reader
- **Fast & Reliable** Patented Triple Unlock uses BLE, WiFi & cell signals
- **Reliability built-in** Still works if Internet access is down or if power goes out
- **Cloud-based** Manage system from anywhere
- **Door Release Logs** Time, date and device

Vaux Access Systems: Resident Access (Set Up)

SO Security Openpath 11:08 AM
To: Spathas Matt ›

Time to set up Openpath for The Vaux!

openpath

Matt, you can now access The Vaux using Openpath!

1. Install the Openpath mobile app.

GET IT ON
Google Play

Download on the
App Store

2. Tap on the setup button below from your mobile device.

SET UP PHONE

3. Start opening doors!

Follow these steps on your MOBILE PHONE

Step 1: Download App (DON'T SET UP IN APP)

THEN

Step 2: Go back to the set up email and select SET UP PHONE

When setting up - to use "wave to unlock" make sure:

1. Bluetooth set to always on phone and app.

2. Location Services set to always on while using phone (not just app)

3. Enable Motion Services (not on Android - disable battery optimization)

10:06
‹ Search
openpath

App Permissions

IMPROVE UNLOCK RELIABILITY

Turn Bluetooth On ✓

Enable Bluetooth Permission ✓

ENABLE WAVE TO UNLOCK

Enable Location Services ✓

Set Location Permission to 'Always' ✓

Enable Precise Location ✓

BATTERY OPTIMIZATION

Enable Motion & Fitness ✓
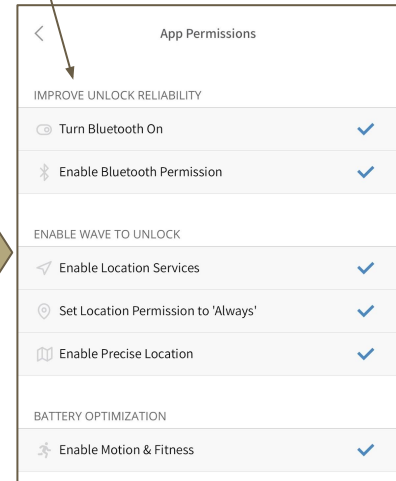
On App
These should be all checked)
App permissions
(in OpenPath app)

If all above not checked, go to:

8:10
‹ Settings   **Openpath**

ALLOW OPENPATH TO ACCESS

Location   Always ›

Bluetooth   ⬤

Motion & Fitness ⬤

Siri & Search   ›

Notifications   ›
Banners, Sounds, Badges

On iPhone
General>Settings>OpenPath

V

THE VAUX

Settings   **Openpath**

ALLOW OPENPATH TO ACCESS

Location	Always
Bluetooth	
Motion & Fitness	
Siri & Search	
Notifications	
Banners, Sounds, Badges	
Cellular Data	

iPhone

For "Wave to Open" to work

1. Location Services set to <u>always on while using phone</u> (not just app)

2. Bluetooth set to <u>always on phone and app</u>.

3. Enable Motion Services (not on Android - disable battery optimization)

<u>If not, you will need to open OpenPath app to unlock door!</u>

← App info

Openpath

Open   Uninstall   Force stop

Notifications
~0 notifications per week

Permissions
Location

Storage & cache
68.45 MB used in internal storage

Mobile data & Wi-Fi
3.42 MB used since Nov 16, 2020

Advanced
Screen time, Battery, Open by default, Store

Android
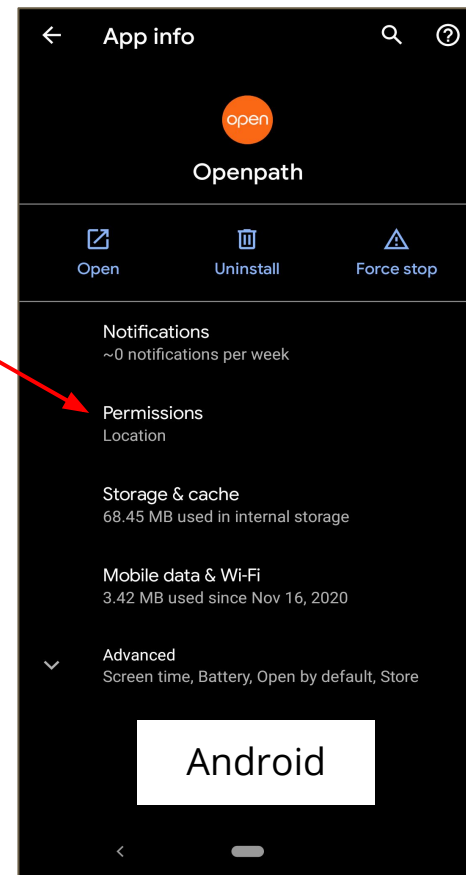
App Users - 3 Ways to Open Doors

Fob User

Wave to Unlock
(All readers except storage rooms)

Touch to Unlock
All readers

Use App to Unlock
All readers

Use FOB to Unlock
All readers

THE VAUX

openpath

All   Favorites

Bike Room 1 (North)

Bike Room 2 (South)

Parking Gate

Parking Storage Room

Raleigh Cart Room

Raleigh Courtyard Lobby

Raleigh Main Entry

Raleigh Parking Elevator

If you use app to open door make sure to press the lock icon to open door!
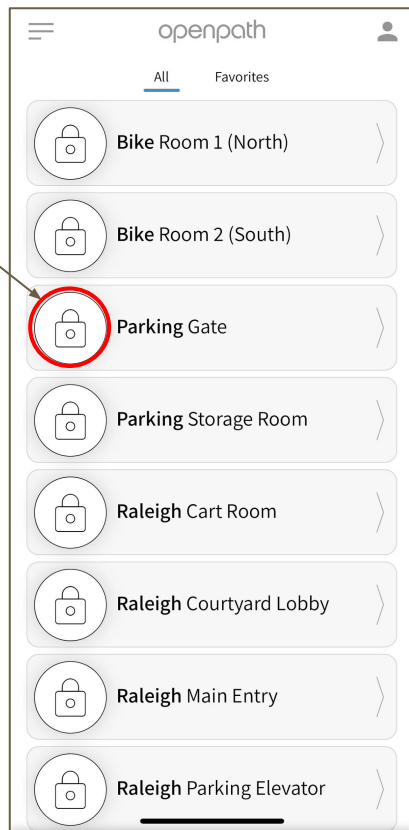
If you press anywhere on other then lock this screen will appear

Last to leave not enabled so don't worry about it!

These 3 settings are up to you - if it a door you use all the time, add it to Favorites!

openpath

Parking Storage Room

ACTIONS

Are you the last to leave?   Lock

SETTINGS

Notification if unlock fails

Notification when nearby

Add to favorites

OpenPath

All

Favorites

Need Help?

Parking

1. Resident will **place parking sticker on headlamp** - this will open garage gate.

2. You can can also use the OpenPath app to open garage gate (from anywhere).

3. Note, the parking gate is the only reader that can be opened remotely.

Link: Installation Instructions
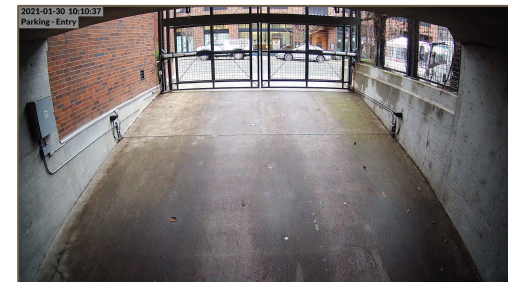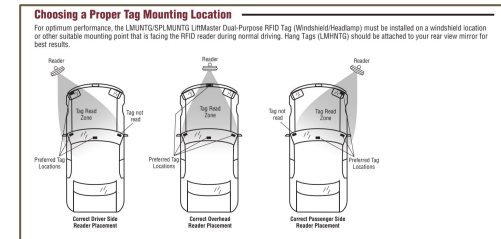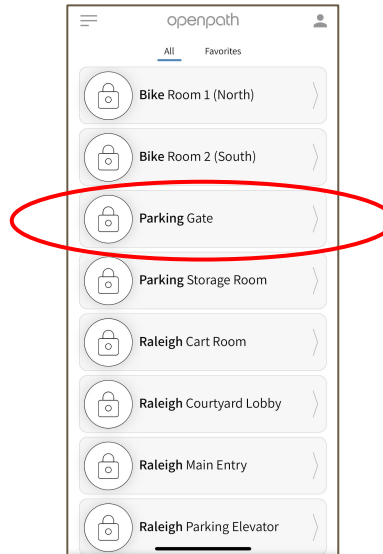
Mount on headlamp or as instructed

Choosing a Proper Tag Mounting Location

For optimum performance, the LMUNTG/SPLMUNTG LiftMaster Dual-Purpose RFID Tag (Windshield/Headlamp) must be installed on a windshield location or other suitable mounting point that is facing the RFID reader during normal driving. Hang Tags (LMHNTG) should be attached to your rear view mirror for best results.

Reader

Tag Read Zone
Tag not read
Preferred Tag Locations

Correct Driver Side Reader Placement

Reader

Tag Read Zone

Preferred Tag Locations

Correct Overhead Reader Placement

Reader

Tag not read
Tag Read Zone
Preferred Tag Locations

Correct Passenger Side Reader Placement
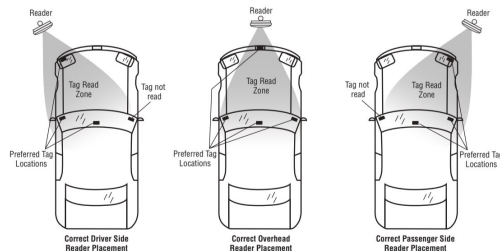
Alternative Mounting

If mounting to the vehicle's headlamp is not feasible, you may also choose to mount the tag on other plastic surfaces, such as the vehicle's bumper, valance or side mirror. Many of the preceding guidelines will still apply and the tag must still be mounted a minimum 2" (5 cm) from any metal structures. This includes any metal structures behind the bumper, such as metal grilles, bumper mounts or the vehicle's frame.

Cure Time

Once the tag has been installed on the vehicle, there will be a period of time necessary to allow the tag's adhesive to cure. Due to temperature and humidity variations the total cure time may vary. Most applications will experience an 80% cure of the adhesive within 1 hour and full adhesive cure within 24 hours of application. **Please do not wash the area where the tag is installed or disturb the tag for 24 hours after installation.**

Tag Handling and Installation

Step 1 - Make sure that the intended mounting surface is clean and free of any contaminants.

NOTE: *Handle the tags with care during installation. Do not excessively bend or distort the tag when removing it from the liner.*

Step 2 - Transfer the tag to the location on the vehicle that you have determined suitable for your application. It is best to apply the tag by the edges as shown in the picture below.
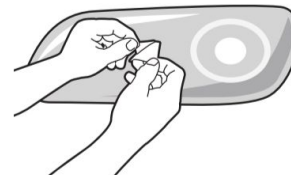
Step 3 - Smooth out the tag to ensure complete adhesion and remove any air pockets.

NOTE: Once the tag has been mounted, **do not attempt to remove the tag,** this will damage the tag and it will become inoperable.

THE VAUX
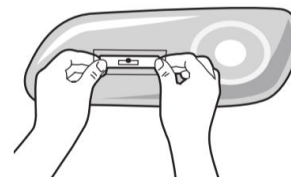
Visitor and Resident Systems

1.	**Visitor Access** – Call Box – 2 Call Boxes – App: **ButterFlyMX**	• For visitors, deliveries, dog walkers, plumbers, cleaning staff, etc. • Access by phoning resident (video call - or no video if calling landline or non-smartphone) • Access by virtual key which can be limited by days/hours • Captures photos - residents will have access to only their visitors
2.	**Resident Access** – Card Readers – 24 Readers – App: **OpenPath**	• For resident access to all card readers and parking gate • Access vis Smartphone/ Smart Watch and/or FOB in preferred security order
3.	**Parking Access** – Parking Garage – 1 Parking Gate – App: **OpenPath**	• Access via parking sticker or OpenPath app • Residents receive 1 parking sticker per parking space

THE VAUX

Resource Links

- Resident Access   [OpenPath - Getting Started](#)
- Visitor Access   [ButterflyMX - Getting Started](#)
- Parking Access   [Liftmaster](#)
- FAQ   [Vaux Access Systems FAQ](#) (Specifically for Vaux Residents)

Tech Support

If you you are having set up issues or questions, please contact:

Access	System	Phone	email
OpenPath	Resident Access	844-673-6728 ext. 2	support@openpath.com
ButterFlyMX	Visitor Access	571-480-6579 ext. 2	support@butterflymx.com

Adds, Moves and Changes for Resident, Visitor or Parking Access

If you have not received an email, need to be added to system or have adds, moves or changes please contact KIN Living at 503-836-3183 or vaux@kinliving.com or vauxbod@gmail.com.

THE VAUX

Resident Access
(Card Readers)

- You can use your key FOB for access

Visitor Access
(Call Boxes)

- Calls will ring your phone (smartphone, landline or non smartphone)

Visitor Access - ButterFlyMX

- How do I...
-

Resident Access - OpenPath

- How do I...

Parking Access

- How do I...

Delivery Services Access

- How do I...

THE VAUX

Appendix

Why does OpenPath need to know my location?

Openpath does not share or sell your data to third parties. When you are near an Openpath reader/system (that you have access to) and attempt to unlock a door, the app may use your location data as a way of validating that you are on site. This location data is not accessible by Openpath if you are not already near your Openpath system.

In order for Wave to Unlock/Touch to work reliably, the Openpath app needs Location Services always enabled. The app uses Bluetooth Low Energy (BLE), which iOS and Android consider as part of their Location Services.

Link to more information: OpenPath location Services + Privacy Policy

Overview Visitor Access + Setting Up Virtual Keys

OpenPath Demo (Resident Access)
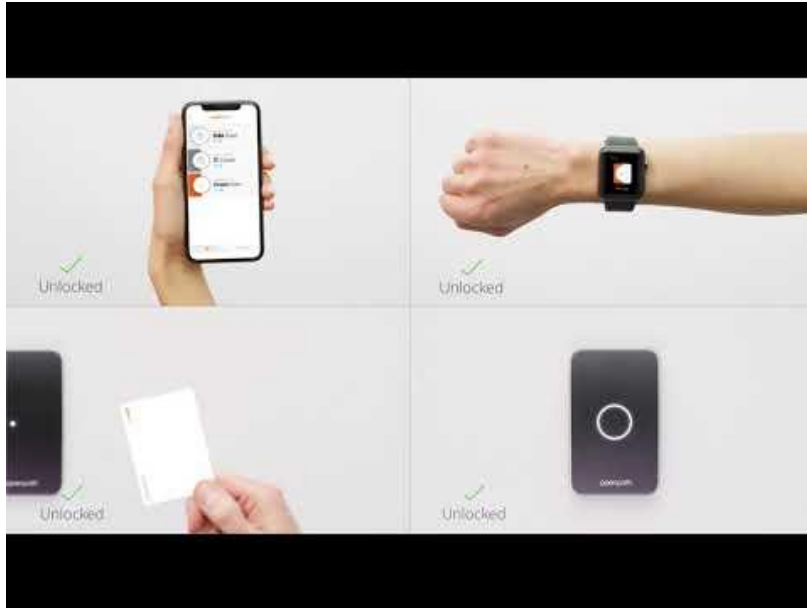
ButterFly Demo (Visitor Access)

Click images above to watch short video demos

Link to Website: OpenPath

Link to Website: Butterfly

Vaux Access Systems: Reader Names + Locations

#	Reader Name
1	Raleigh Main Entry
2	Raleigh Courtyard Gate
3	Raleigh Courtyard Lobby
4	Raleigh Parking Elevator
5	Raleigh Stairwell
6	Raleigh Storage Floor 1
7	Raleigh Storage Floor 2
8	Raleigh Storage Floor 3
9	Raleigh Storage Floor 4
10	Raleigh Cart Room
11	Savier Main Entrance
12	Savier Courtyard Gate
13	Savier Courtyard Lobby
14	Savier Parking Elevator North
15	Savier Parking Elevator South
16	Savier Stairwell
17	Savier Storage Floor 1
18	Savier Storage Floor 2
19	Savier Storage Floor 3
20	Savier Storage Floor 4
21	Savier Cart Room
22	Parking Storage Room
23	Bike Room 1 (North)
24	Bike Room 2 (South)
0	Parking Gate

Note Storage Rooms on floors 2 thru 4 in same location on floor - see above legend for names

Savier Street

THE VAUX

GROUND LEVEL

Savier Street Courtyard Gate

Savier Main Entry

Savier Storage Floor 1

Raleigh Stairwell

Raleigh Courtyard Lobby

Savier Courtyard Lobby

Savier Stairwell

Raleigh Storage Floor 1

Raleigh Main Entry

Raleigh Street Courtyard Gate

24th Ave

Raleigh Street

Vaux Access Systems: Reader Names + Locations

THE VAUX

#	Reader Name
1	Raleigh Main Entry
2	Raleigh Courtyard Gate
3	Raleigh Courtyard Lobby
4	Raleigh Parking Elevator
5	Raleigh Stairwell
6	Raleigh Storage Floor 1
7	Raleigh Storage Floor 2
8	Raleigh Storage Floor 3
9	Raleigh Storage Floor 4
10	Raleigh Cart Room
11	Savier Main Entrance
12	Savier Courtyard Gate
13	Savier Courtyard Lobby
14	Savier Parking Elevator North
15	Savier Parking Elevator South
16	Savier Stairwell
17	Savier Storage Floor 1
18	Savier Storage Floor 2
19	Savier Storage Floor 3
20	Savier Storage Floor 4
21	Savier Cart Room
22	Parking Storage Room
23	Bike Room 1 (North)
24	Bike Room 2 (South)
0	Parking Gate

Note Storage Rooms on floors 2 thru 4 in same location on floor - see above legend for names

Savier Street

Parking Gate

Savier Parking Elevator North

Parking Storage

24th Ave

Raleigh Cart Room

Raleigh Parking Elevator

Savier Cart Room

Savier Parking Elevator South

Bike Room 1 North

Bike Room 2 South

Raleigh Street

Vaux Access Systems: Using Computer

Step 1 - Go to butterflymx.com and select login > enter username + password
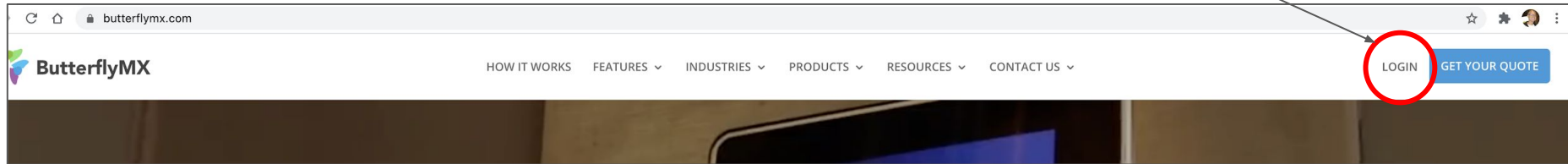
Step 2 - You can see calls, door releases and issue virtual keys, etc.
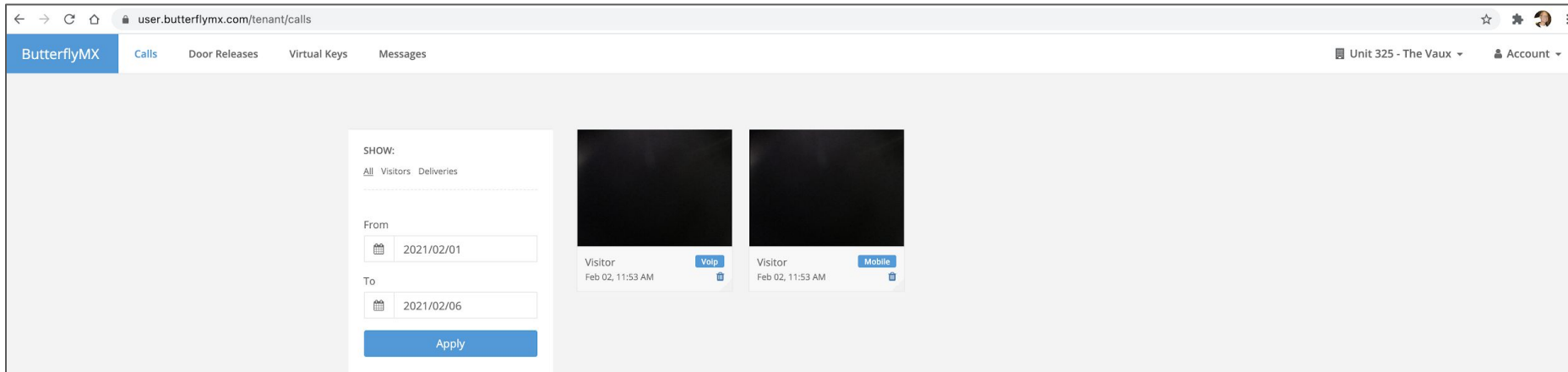
- 144 Condominiums

- 175 Parking Spaces

- 2 Buildings

- 4 Elevators

- 176,586 SF

- Year Built: 2006

THE VAUX

Announcing Amazon Key!

New to Vaux - Amazon Key!

- Coming to Vaux this month
- Never miss an Amazon delivery!
- No action required by residents
- System gives certified Amazon drivers access to Vaux
- Provides greater security to Vaux

key for business

The Four As of Amazon Key for Business

AUTHORIZED

Building access is only granted to verified drivers who have a package on their route for that shift, and are present at the building.

ACCURACY

Step-by-step delivery instructions - including pictures - guide drivers to delivery locations (lobby, mail room, etc.) preferred by property management, and improve delivery accuracy by an average of 80%.

ACCOUNTABILITY

Drivers' access time logs are reported to existing access control devices, so property management always knows when and where drivers enter and exit the building.

AT NO CHARGE

Installation and maintenance of Amazon Key are free. And Key for Business eliminates the need for staff to manage deliveries, which helps you save on operating costs.

Vaux Access: Recap

- **Why change?**
- **Goal: Create a safe, secure community - leveraging best-in-class technologies to enhance the safety of our community.**

Challenges
1. Security breaches + increased crime
2. Existing FOBs could be hacked/cloned/lost
3. 1000+ FOBs and Clickers - lost track
4. Existing call box is vulnerable to break ins
5. Existing system not managed real time
6. Evaluation & Process

Solutions
1. Identify system vulnerabilities
2. High security FOBs (no known vulnerabilities)
3. Limit FOBs > Smartphone>Data Management
4. New visitor system resolves issue
5. New system can be managed real time
6. Process + Actions
   a. Committee/Board: 1+ year due diligence
   b. Resident forums for input
   c. Best-in-class team to evaluate + install
   d. Fiber Network, camera system
   e. Best-in-class suite of access systems

Design and implementation Strategy: Security>Convenience

THE VAUX

Your smartphone is now your FOB!

4:16
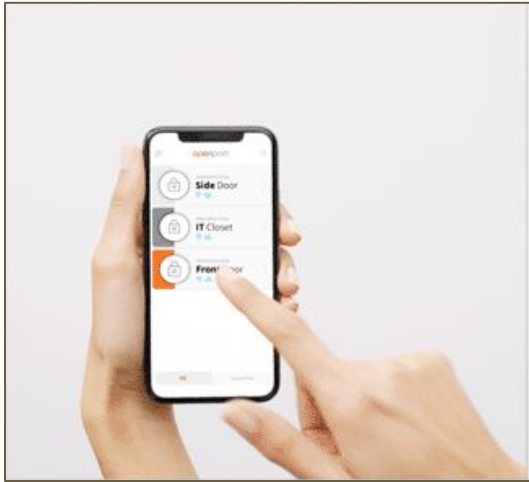
BATTERY USAGE BY APP   SHOW ACTIVITY

FaceTime   23%

Phone   14%

Messages   13%
Notifications

Backgammon   10%
Audio

Home & Lock Screen   5%

Mail   5%
Notifications

Photos   4%

No Cell Coverage   4%

Music   3%
Background Activity

Google   3%
Background Activity

Siri   3%

Momento   2%

App Store   2%

Exposure Notifications   2%

Ring   1%
Notifications

Google News

Google News   1%
Background Activity

Redfin   1%

Twitter   1%

UniFi Protect   1%

Health   1%

Safari   1%
Connected to Charger

Openpath   —
Background Activity

AutoSleep   —
Background Activity

OpenTable   —

Yelp   —

ESPN   —

Schwab   —

Drive   —

Contacts   —

Bible   —

Teams   —

Assistant   —