

Hotwire

an introduction



Stanko Krtalic Rusendic

🌐 <https://stanko.io>

🐙 github.com/monorkin

🐦 [@monorkin](https://twitter.com/monorkin)

Hotwire

Turbo

Stimulus

Strada

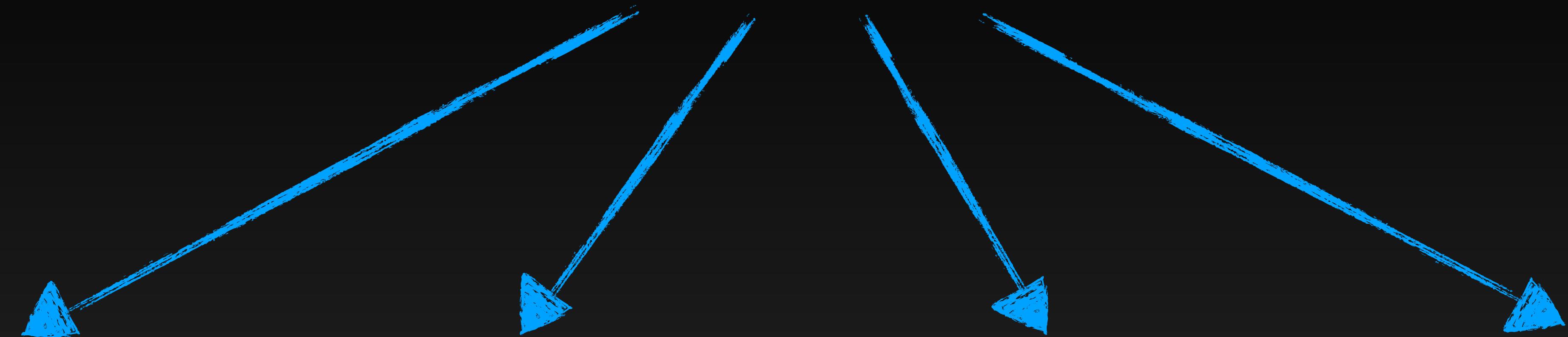
Turbo

Drive

Frame

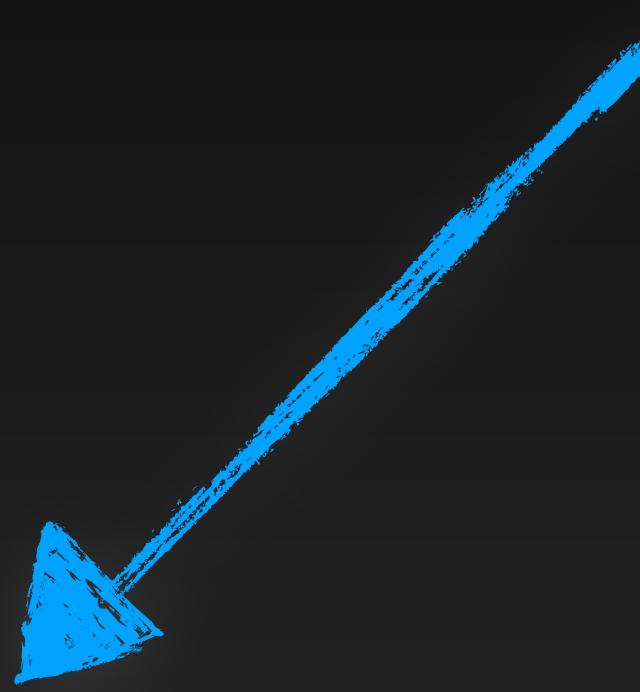
Stream

Native



Turbo Drive

Turbo Drive



< Imbox

Search



Me



The Feed

Your newsfeed for newsletters. New stuff at the top, old stuff gets pushed down over time.

Stanko, reactivate your Premium trial



LinkedIn Premium <linkedin@e.linkedin.com>
to Stanko Krtalic Rusendic <stanko@stanko.io>

3:12pm

Turbo Drive

The screenshot shows the HEY app's "The Feed" section. At the top, there are navigation buttons for "Imbox" and "Search", followed by the HEY logo and a profile picture for "Me". Below this, the title "The Feed" is displayed with the subtitle "Your newsfeed for newsletters. New stuff at the top, old stuff gets pushed down over time." A single email message is visible in the feed.

Stanko, reactivate your Premium trial

LinkedIn Premium <linkedin@e.linkedin.com>
to Stanko Krtalic Rusendic <stanko@stanko.io>

3:12pm

LinkedIn

We want to give you a boost
Here's one month of LinkedIn Premium for free.

Reactivate free trial

Thanks for being a valued LinkedIn member. We'd like to offer you another one-month free trial of [LinkedIn Premium](#).

What can you expect with a free month of Premium?

InMail messaging
Make the right connections with monthly InMail credits.

[See more...](#)

Turbo Drive

The screenshot shows the HEY app's "The Feed" section. At the top, there are navigation buttons for "Imbox" and "Search", followed by the HEY logo and a profile picture for "Me". Below this, the title "The Feed" is displayed, with a subtitle "Your newsfeed for newsletters. New stuff at the top, old stuff gets pushed down over time." A large, stylized "CLICK!" text with a blue arrow pointing towards it is overlaid on the main content area.

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to Stanko Krtalic Rusendic <stanko@stanko.io>

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[See more...](#)

Turbo Drive

Current page

The Feed

Your newsfeed for newsletters. New stuff at the top, old stuff gets pushed down over time.

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LinkedIn Learning
Hone your skills with over 16,000 expert-led courses.

See more...

Page we are about to open

Back Search

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LinkedIn Premium <linkedin@e.linkedin.com>
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What can you expect with a free month of Premium?

InMail messaging
Make the right connections with monthly InMail credits.

Who's viewed your profile
See who's visited your page in the last 90 days.

LinkedIn Learning
Hone your skills with over 16,000 expert-led courses.

Reply Now Reply Later Set Aside Bubble Up Collab More

Cached

Turbo Drive

A screenshot of the Hey app interface, which is a mobile application for managing email and messaging. The main screen shows a dark-themed inbox with a single email from "LinkedIn Premium". The email subject is "Stanko, reactivate your Premium trial". The message body is from "LinkedIn Premium <linkedin@e.linkedin.com>" to "Stanko Krtalic Rusendic <stanko@stanko.io>". The message content is a promotional offer for a free month of LinkedIn Premium, featuring a yellow header with the LinkedIn logo and the text "We want to give you a boost". It includes a "Reactivate free trial" button and details about the benefits of Premium membership. The Hey app interface includes a navigation bar at the top with "Back" and "Search" buttons, and a toolbar at the bottom with various communication and collaboration icons.

LinkedIn Premium <linkedin@e.linkedin.com>
to Stanko Krtalic Rusendic <stanko@stanko.io>

3:12pm

We want to give you a boost
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Reactivate free trial

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Who's viewed your profile
See who's visited your page in the last 90 days.

LinkedIn Learning
Hone your skills with over 16,000 expert-led courses.

Reply Now R Reply Later L Set Aside A Bubble Up Z Collab W More

<https://app.hey.com/contacts/47828398>

Turbo Drive

- Keeps the app in one DOM
- JS loads just once (app feels faster)
- Caches pages that were visited for faster re-display
- Displays a progress indicator



morrow: You're host
ubyZG June Meetu

Ruby Zagreb
<info@meetup.com>
to me <me@stanko.io>



ORROW

RubyZG June Me

by Zagreb

nesday, June 15, 2022
PM Europe/Belgrade

TIMEDIA INSTITUTE - club

a
adovićeva ul. 18
eb

Add to calendar

more...



like to connect

Turbo Drive

- Page transitions

Turbo Drive

→ C https://usertest.butterflymx.com/users/10086/edit

Users / Edit K R

There was an error while saving the user

- First name can't be blank

E-mail
stanko.krtalic+test2@butterflymx.com

First name *

can't be blank

Last name *
K R

Primary phone number
🇺🇸 (202) 555-0132

SMS phone number
🇺🇸

Role
Tenant

Dashboard

Companies

Buildings

Building Notes

Users

Devices

Device installations

Integrations

Adminland

Templates

My Account

Help

Log Out

Stanko Krtalic

→ C https://usertest.butterflymx.com/users/10086

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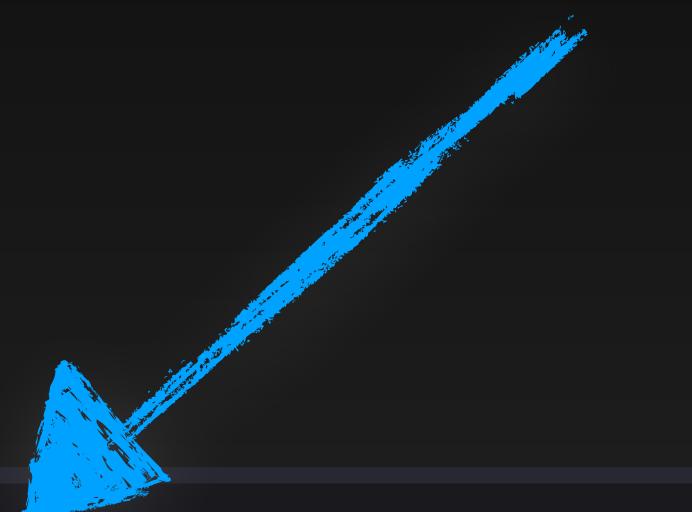
My Account

Help

Log Out

Stanko Krtalic

Turbo Drive



<https://usertest.butterflymx.com/users/10086/edit>

Users / Edit K R

There was an error while saving the user

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E-mail

First name *

<https://usertest.butterflymx.com/users/10086>

Users / Edit K R

There was an error while saving the user

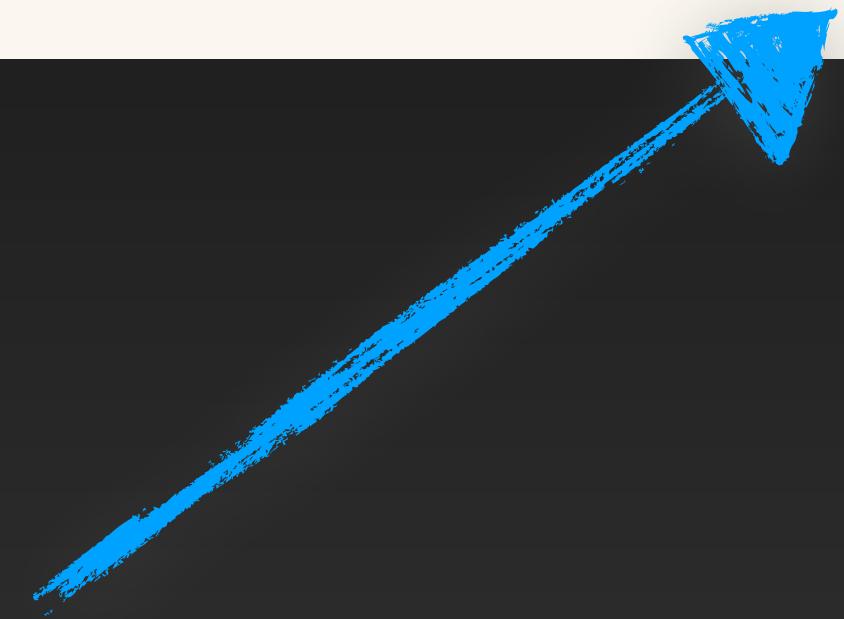
- First name can't be blank

E-mail

First name *

Turbo Drive

```
<a href="/articles/54" data-turbo-method="delete">Delete the article</a>
```



Turbo Frame

[Dashboard](#)

#2

[Tenants](#)

83

[Calls](#)

17525

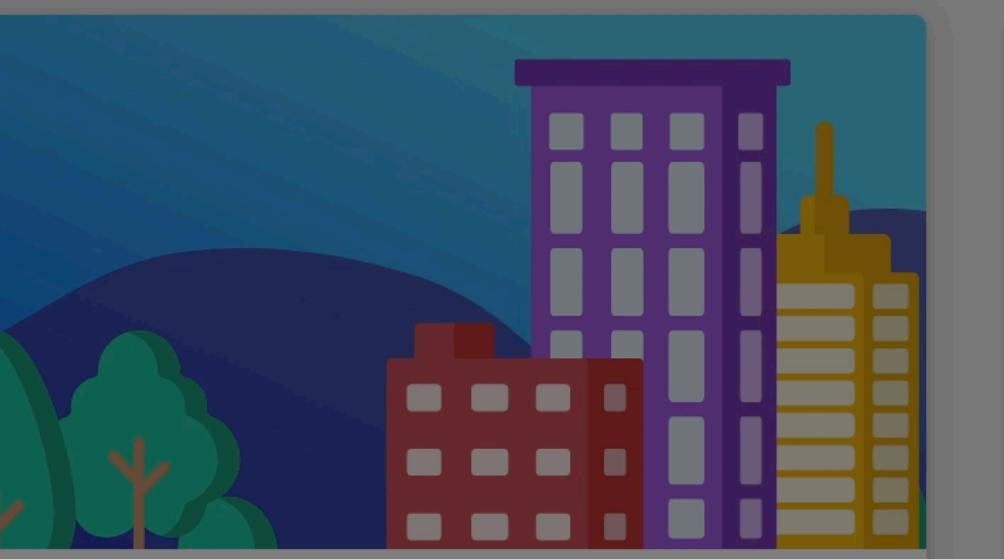
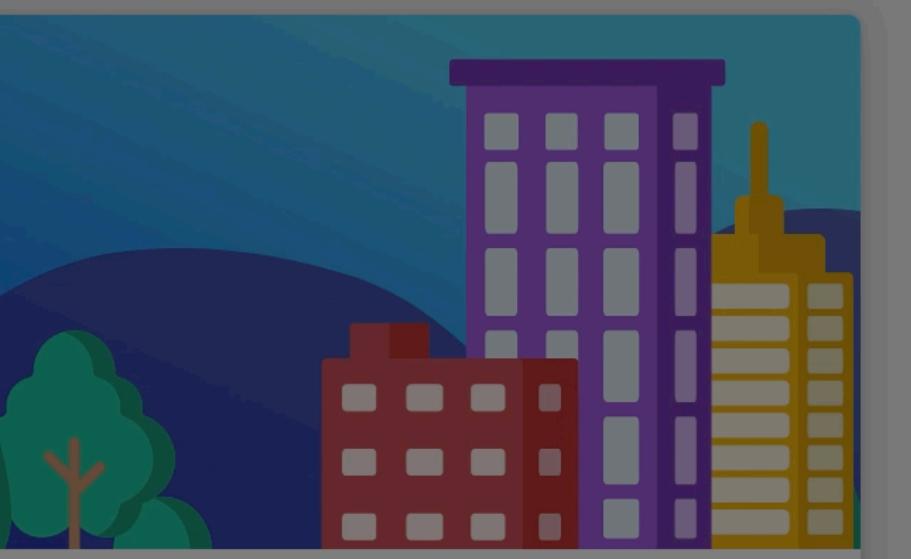
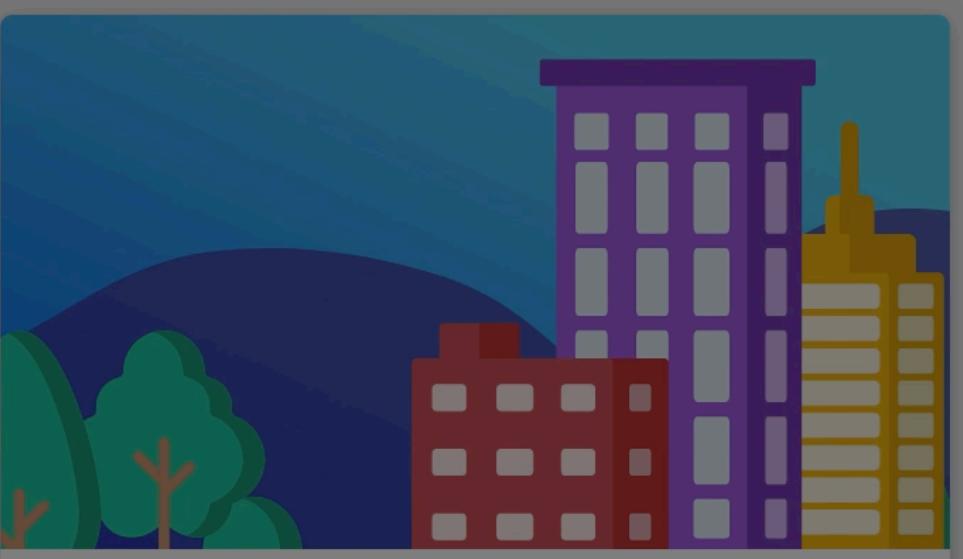
[Door Releases](#)

4963

[Devices](#)[Zones](#)[Access Management](#)[Units](#)[Business Units](#)[Administrators](#)[Imports](#)[Inactivity Messages](#)[Group Messages](#)[Delivery Authorizations](#)[Active Visitor Access](#)[Integrators](#)[Tours](#)[Amenities](#)[Amenity Reservations](#)[Settings](#)[Notes](#)[Dashboard](#)[Companies](#)[Buildings](#)

Amenities

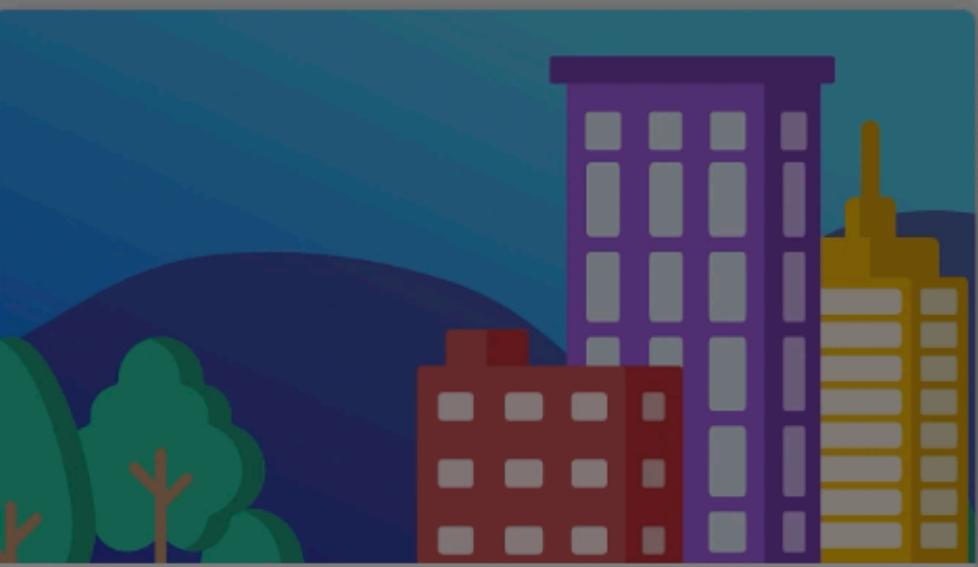
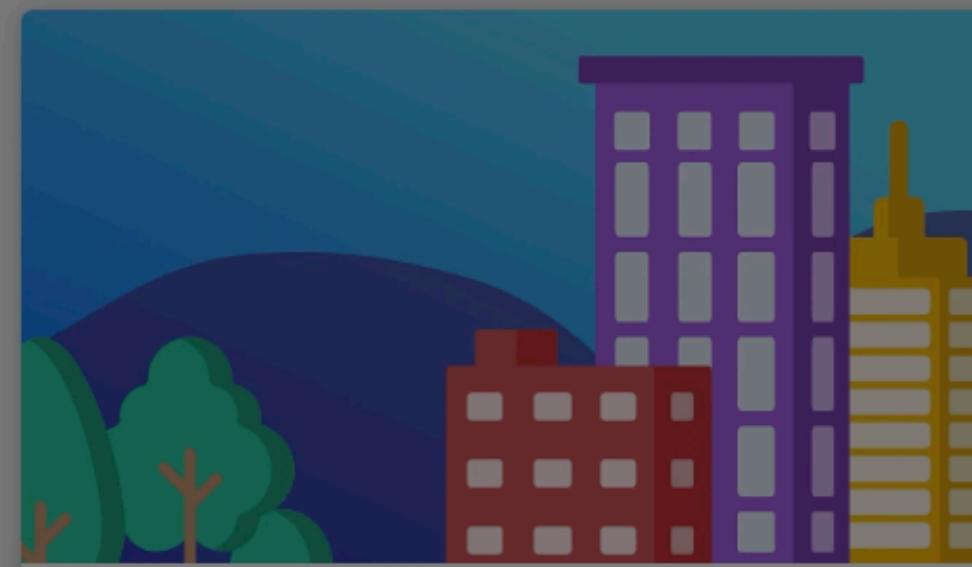
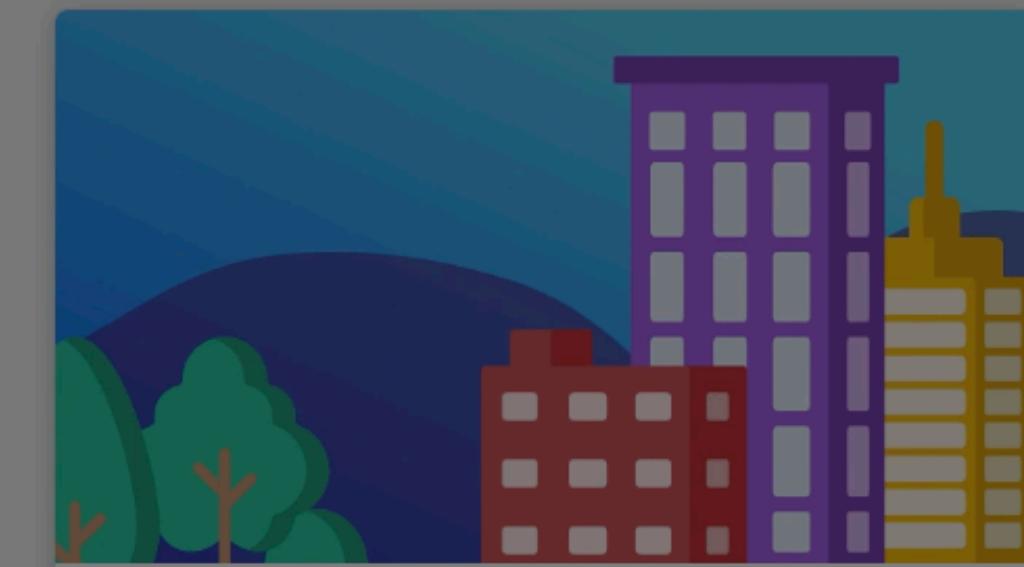
Manage settings

[Add Amenity](#)[Gym](#)[View Reservations](#)[Pool](#)[View Reservations](#)[Office](#)[View Reservations](#)

Amenities

Manage settings

Q

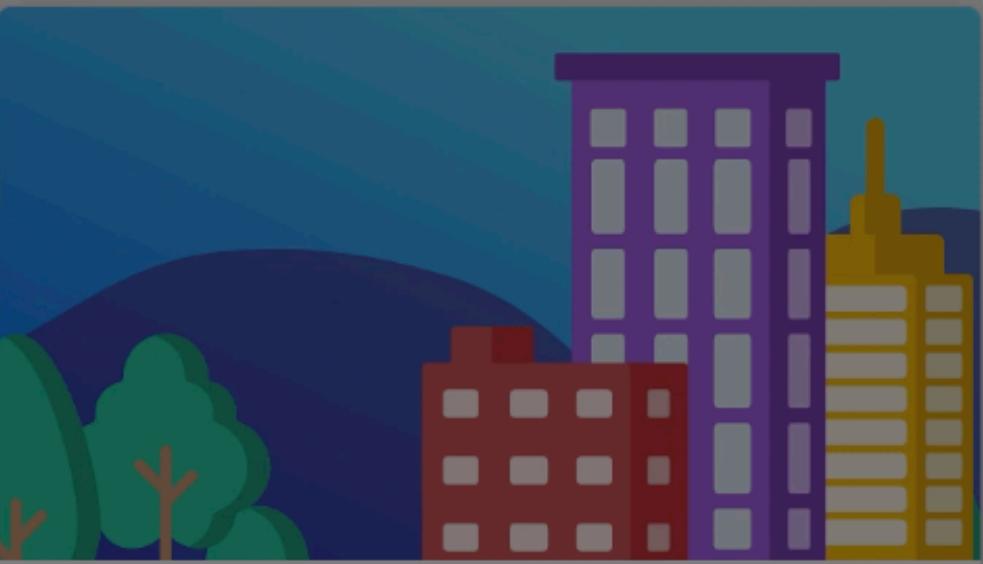
[Add Amenity](#)**Gym**[View Reservations](#)**Pool**[View Reservations](#)**Office**[View Reservations](#)

Amenities

Manage settings

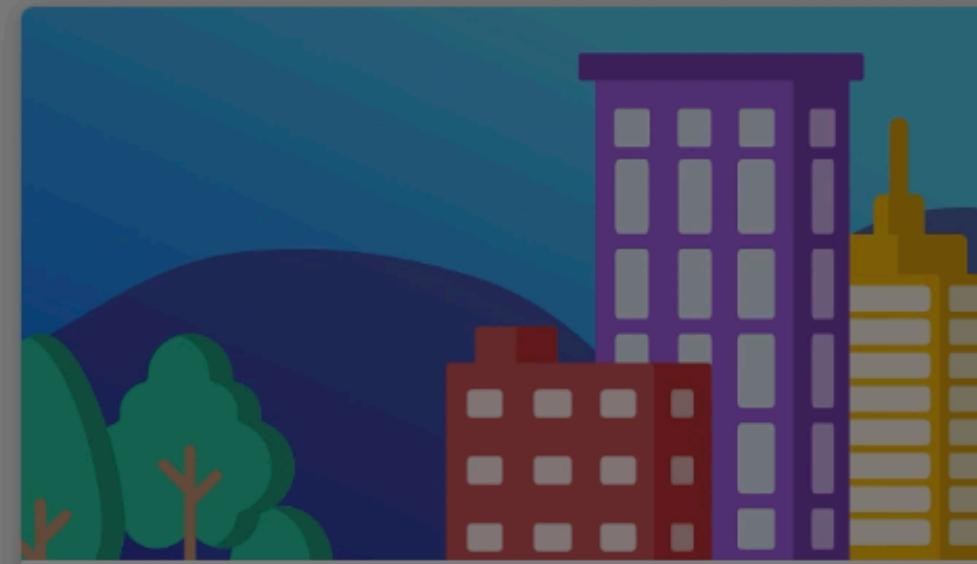


Add Amenity



Gym

View Reservations



Pool

View Reservations



Office

View Reservations

Yuri Test Building / Amenities

English ▾ Feedback

Amenities

Manage settings

Add Amenity

Gym

View Reservations

Pool

View Reservations

Office

View Reservations

Dashboard #2

Tenants 83

Calls 17525

Door Releases 4963

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Business Units

Administrators

Imports

Inactivity Messages

Group Messages

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Tours

Amenities

Amenity Reservations

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Buildings

Yuri Test Building / Amenities / Gym

English ▾ Feedback

Edit Amenity

Name

Gym

Description

No Image

drag and drop your file here

Upload a photo of this amenity for your residents

↑ Browse Images

Max file size: 10 MB. Supports JPG, PNG, TIF files.

Doors

Add the doors that belong to this space

Amenity Door

Sviatoslav Panel

Delete ▾

>Add Door

Documents and Policies

Upload documents that are associated with rules or policies for this space.

↑ Browse files

Max file size: 50 MB. Supports PDF files.

Allow Reservations

Allow residents to reserve this space in your building

Reservable Hours

Enabled

Yuri Test Building / Amenities

English ▾ Feedback

Amenities

Manage settings

Add Amenity

Gym

View Reservations

Pool

View Reservations

Office

View Reservations

Dashboard #2

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Door Releases 4963

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Yuri Test Building / Amenities / Gym

English ▾ Feedback

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Amenities

Manage settings

Add Amenity

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View Reservations

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View Reservations

Office

View Reservations

English ▾

Feedback

Yuri Test Building / Amenities

Dashboard #2

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Amenity Reservations

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English ▾

Feedback

Yuri Test Building / Amenities / Gym

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Amenity Door

Sviatoslav Panel

Delete

>Add Door

Documents and Policies

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Max file size: 50 MB. Supports PDF files.

↑ Browse files

Allow Reservations

Allow residents to reserve this space in your building

Enabled



- Dashboard #2
 - Tenants 83
 - Calls 17525
 - Door Releases 4963
 - Devices
 - Zones
 - Access Management
 - Units
 - Business Units
 - Administrators
 - Imports
 - Inactivity Messages
 - Group Messages
 - Delivery Authorizations
 - Active Visitor Access
 - Integrators
 - Tours
 - Amenities
 - Amenity Reservations
 - Settings
 - Notes
-
- Dashboard
 - Companies
 - Buildings

Ame

Manage sett

Add Amer



Gym

View Rese

Edit Amenity

View Active Reservations

Name

Pool

Description

No Image

drag and drop your file here

Upload a photo of this amenity for your residents

Browse Images

Max file size: 10 MB. Supports JPG, PNG, TIF files.

Doors

Add the doors that belong to this space

Amenity Door

Stanko's Keypad

Delete

+ Add Door

Documents and Policies

Upload documents that are associated with rules or policies for this space.

Browse files

Max file size: 50 MB. Supports PDF files.

Allow Reservations

Enabled



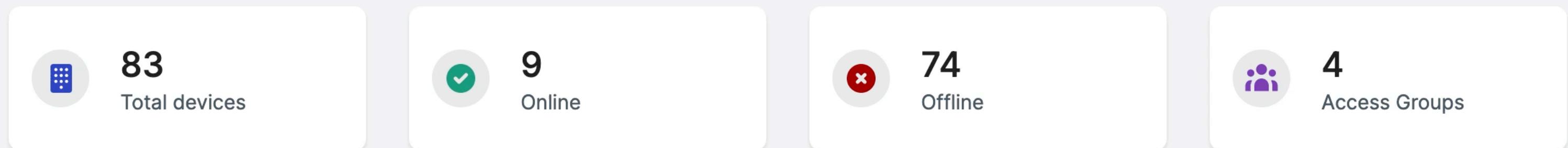
Allow residents to reserve this space in your building



- [Dashboard #2](#)
- [Tenants 83](#)
- [Calls 17525](#)
- [Door Releases 4963](#)
- [Devices](#)
- [Zones](#)
- [Access Management](#)
- [Units](#)
- [Business Units](#)
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- [Tours](#)
- [Amenities](#)
- [Amenity Reservations](#)
- [Settings](#)
- [Notes](#)
- [Dashboard](#)
- [Companies](#)
- [Buildings](#)

Devices

Add and manage devices for the doors and spaces in your building.



Devices

Search by ID, SN or name

translation missing: en.all ▾

Add Device

Device ID	Device Name	Type	Access Groups	Status	Installed on	Last updated
10671	test new accounts API Serial #: asdfasdfsadasdf	Intercom	-	Offline	Install	04 May 2022 Refresh 6:12 AM
9302	Helena's Intercom Serial #: -	Intercom	-	Offline	23 Mar 2022	06 Jun 2022 Refresh 9:06 AM
9105	Sasha Intercom Serial #: Oleksandrs-MacBook-Pro.local	Intercom	-	Offline	27 Apr 2022	04 May 2022 Refresh 6:12 AM
6883	Carlo's Panel Serial #: Carlos-MBP.lan	Intercom	-	Offline	16 Mar 2022	13 Jun 2022 Refresh 2:34 PM
5479	McFlurry's Macbook Serial #: Alexs-MacBook-Pro.local	Intercom	-	Offline	Install	04 May 2022 Refresh 6:12 AM
5302	Stanko's test Intercom Serial #: stanko-test	Intercom	-	Offline	27 May 2022	27 May 2022 Refresh 11:53 AM
3435	Yuri Monarch Serial #: -	Intercom	-	Offline	Install	04 May 2022 Refresh 6:12 AM



Main Categories	
Dashboard	#2
Tenants	83
Calls	17525
Door Releases	4963
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Zones	
Access Management	
Units	
Business Units	
Administrators	
Imports	
Inactivity Messages	
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Active Visitor Access	
Integrators	
Tours	
Amenities	
Amenity Reservations	
Settings	
Notes	
<hr/>	
Dashboard	
Companies	
Buildings	

Yuri Test Building / Key Lockers / Mamdouh Key Locker / Details

English ▾ Feedback

◀ Back to Devices

Provision Settings

Mamdouh Key Locker

Compartment Overview

Select:

Available Admin Self-guided Tours Resident All Clear Selection

A1	B1	C1	D1	E1	F1	G1	H1
A2	B2	C2	D2	E2	F2	G2	H2
A3	B3	C3			F3	G3	H3
A4	B4	C4			F4	G4	H4
A5	B5	C5			F5	G5	H5

Available All Set Action Needed Left Open Missing Key Full

E2 Open

Compartment use ?
Admin

Active Virtual Keys 0

Create Virtual Key

Generate PIN

Compartments Virtual Keys Activity

Compartment	Use	Status	Setup PIN
A1	Admin	Available	

Turbo Frame

- Embed parts of a page within another page
- Navigate a subsection of a page
- Update parts of a page with inputs from others

Turbo Stream



Dashboard #2
Tenants 83
Calls 17525
Door Releases 4963

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Integrators

Tours

Amenities

Amenity Reservations

Settings

Notes

Dashboard

Companies

Buildings

Devi

Add and m

Close

Go to Keypad Settings



83

Total devices



9

Online



74

Offline



4

Access Groups

Devices

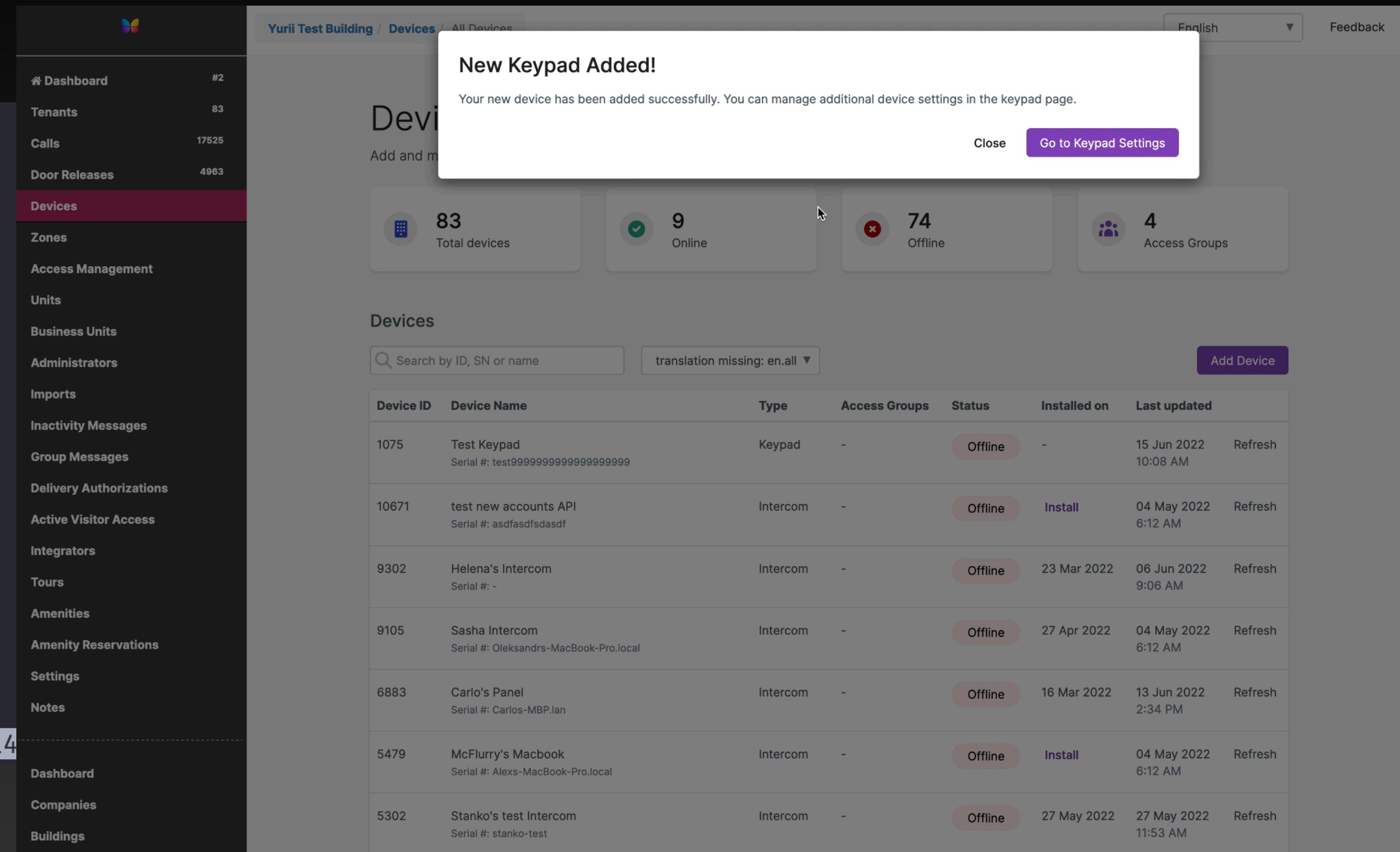
Search by ID, SN or name

translation missing: en.all ▾

Add Device

Device ID	Device Name	Type	Access Groups	Status	Installed on	Last updated
1075	Test Keypad Serial #: test999999999999999999	Keypad	-	Offline	-	15 Jun 2022 Refresh 10:08 AM
10671	test new accounts API Serial #: asdfasdfsadasdf	Intercom	-	Offline	Install	04 May 2022 Refresh 6:12 AM
9302	Helena's Intercom Serial #: -	Intercom	-	Offline	23 Mar 2022	06 Jun 2022 Refresh 9:06 AM
9105	Sasha Intercom Serial #: Oleksandrs-MacBook-Pro.local	Intercom	-	Offline	27 Apr 2022	04 May 2022 Refresh 6:12 AM
6883	Carlo's Panel Serial #: Carlos-MBP.lan	Intercom	-	Offline	16 Mar 2022	13 Jun 2022 Refresh 2:34 PM
5479	McFlurry's Macbook Serial #: Alexs-MacBook-Pro.local	Intercom	-	Offline	Install	04 May 2022 Refresh 6:12 AM
5302	Stanko's test Intercom Serial #: stanko-test	Intercom	-	Offline	27 May 2022	27 May 2022 Refresh 11:53 AM

```
13 - raw_device = Device.find(@device.id)
12
11 = turbo_stream.prepend "#{@device.type.pluralize}_table"
10  = render 'device', device: raw_device
  9
  8 = turbo_stream.prepend "devices_table"
  7  = render 'device', device: raw_device
  6
  5 - if @device.try(:installation)
  4  = turbo_stream.remove dom_id(@device.installation)
  3
  2 = turbo_stream.replace 'new_device'
  1  = turbo_frame_tag 'new_device'
14    = render 'confirmation', device: @device
~
```



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12
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1 = turbo_frame_tag 'new_device'
  = render 'confirmation', device: @device
14
```

~

~

~

~

~

~

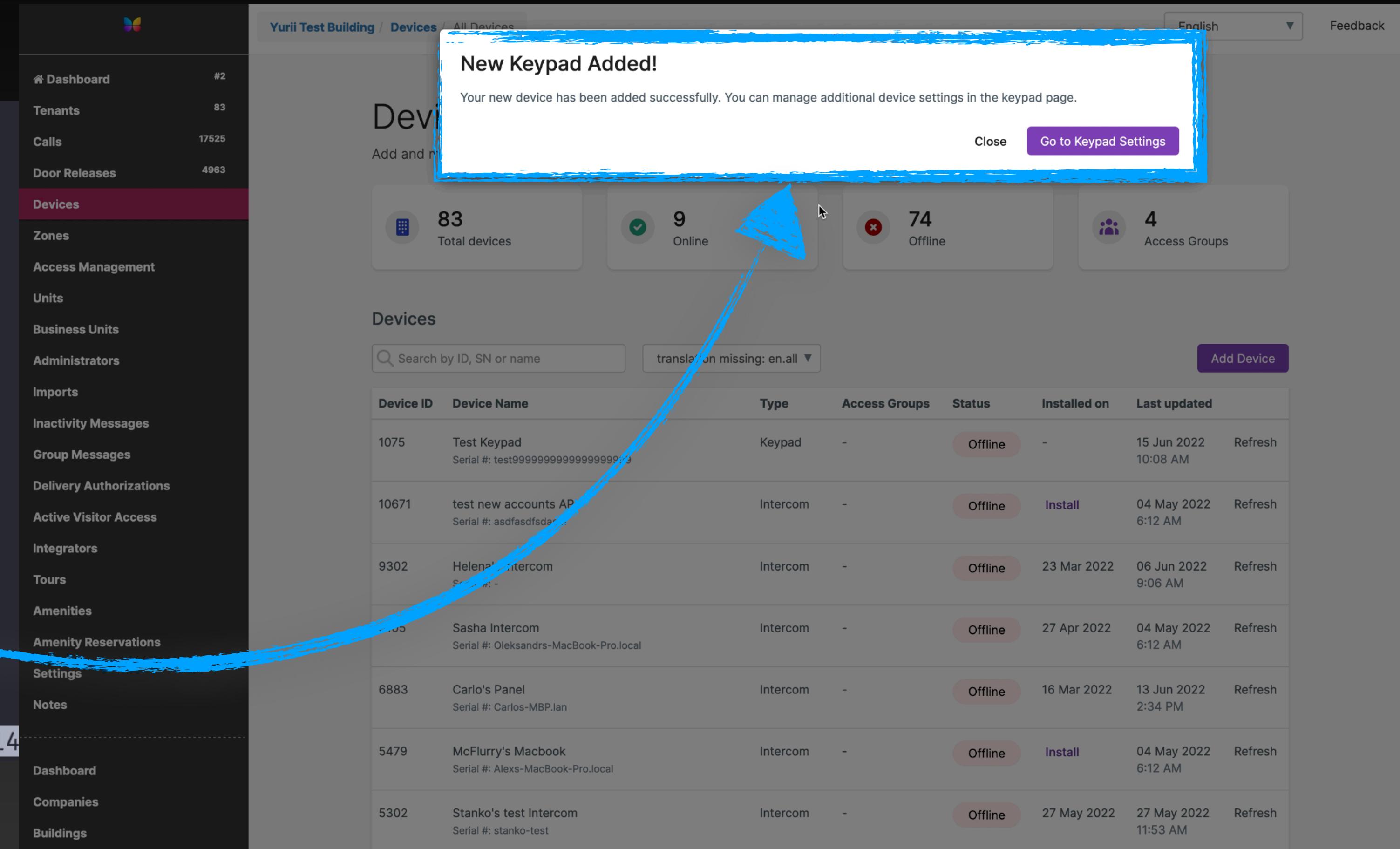
~

</devices/confirmation.turbo_stream.slim sli... 100% 14/14

The screenshot shows a software interface for managing devices. On the left, a sidebar lists various system components: Dashboard (#2), Tenants (83), Calls (17525), Door Releases (4963), Devices (highlighted in red), Zones, Access Management, Units, Business Units, Administrators, Imports, Inactivity Messages, Group Messages, Delivery Authorizations, Active Visitor Access, Integrators, Tours, Amenities, Amenity Reservations, Settings, and Notes. The main area displays a summary of device status: 83 Total devices, 9 Online, 74 Offline, and 4 Access Groups. A large callout box at the top right announces "New Keypad Added!" with the message "Your new device has been added successfully. You can manage additional device settings in the keypad page." Below this, a table lists eight devices:

Device ID	Name	Type	Status	Last Seen	Action
1075	Test Keypad	Keypad	Offline	15 Jun 2022 10:08 AM	Refresh
10671	test new accounts API	Intercom	Offline	04 May 2022 6:12 AM	Install Refresh
9302	Helena's Intercom	Intercom	Offline	23 Mar 2022 06 Jun 2022 9:06 AM	Refresh
9105	Sasha Intercom	Intercom	Offline	27 Apr 2022 04 May 2022 6:12 AM	Refresh
6883	Carlo's Panel	Intercom	Offline	16 Mar 2022 13 Jun 2022 2:34 PM	Refresh
5479	McFlurry's Macbook	Intercom	Offline	04 May 2022 6:12 AM	Install Refresh
5302	Stanko's test Intercom	Intercom	Offline	27 May 2022 27 May 2022 11:53 AM	Refresh

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3
2 = turbo_stream.replace 'new_device'
1 = turbo_frame_tag 'new_device'
= render 'confirmation', device: @device
14
```



```
<turbo-stream action="append" target="dom_id">
  <template>
    Content to append to container designated with the dom_id.
  </template>
</turbo-stream>
```

```
13 - raw_device = Device.find(@device.id)
12
11 = turbo_stream.prepend "#{@device.type.pluralize}_table"
10  = render 'device', device: raw_device
  9
  8 = turbo_stream.prepend "devices_table"
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  6
  5 - if @device.try(:installation)
  4  = turbo_stream.remove dom_id(@device.installation)
  3
  2 = turbo_stream.replace 'new_device'
  1  = turbo_frame_tag 'new_device'
14    = render 'confirmation', device: @device
```

```
~  
~  
~  
~  
~  
~
```

```
</devices/confirmation.turbo_stream.slim      sli... < 100% ≡ 14/14 ↵:1
```



Turbo Stream

- You can replace, append, prepend or remove any HTML element by ID or by class
- General HTML manipulation
- Can be pushed as a server response or via WebSocket or via SSE

Turbo Native

< Imbox



The Feed

Your newsfeed for newsletters. New stuff at the top, old stuff gets pushed down over time.

**Bending Spoons is hiring:
Backend Engineer (Remote or
Relocate to Milan).**



LinkedIn

<jobs-listings@linkedin.com>
to Stanko Krtalic Rusendic
<stanko@stanko.io>

2:03pm



Top job picks for you



**Backend Engineer (Remote
or Relocate to Milan)**

Bending Spoons · Croatia



1 school alum

Turbo Native

- Creates and manages a WebView for you
- Manages native navigation

Stimulus

Sprinkle your HTML with controller, target, and action attributes:

```
<!--HTML from anywhere-->
<div data-controller="hello">
  <input data-hello-target="name" type="text">

  <button data-action="click->hello#greet">
    Greet
  </button>

  <span data-hello-target="output">
  </span>
</div>
```

Stanko

Greet

Hello, Stanko!

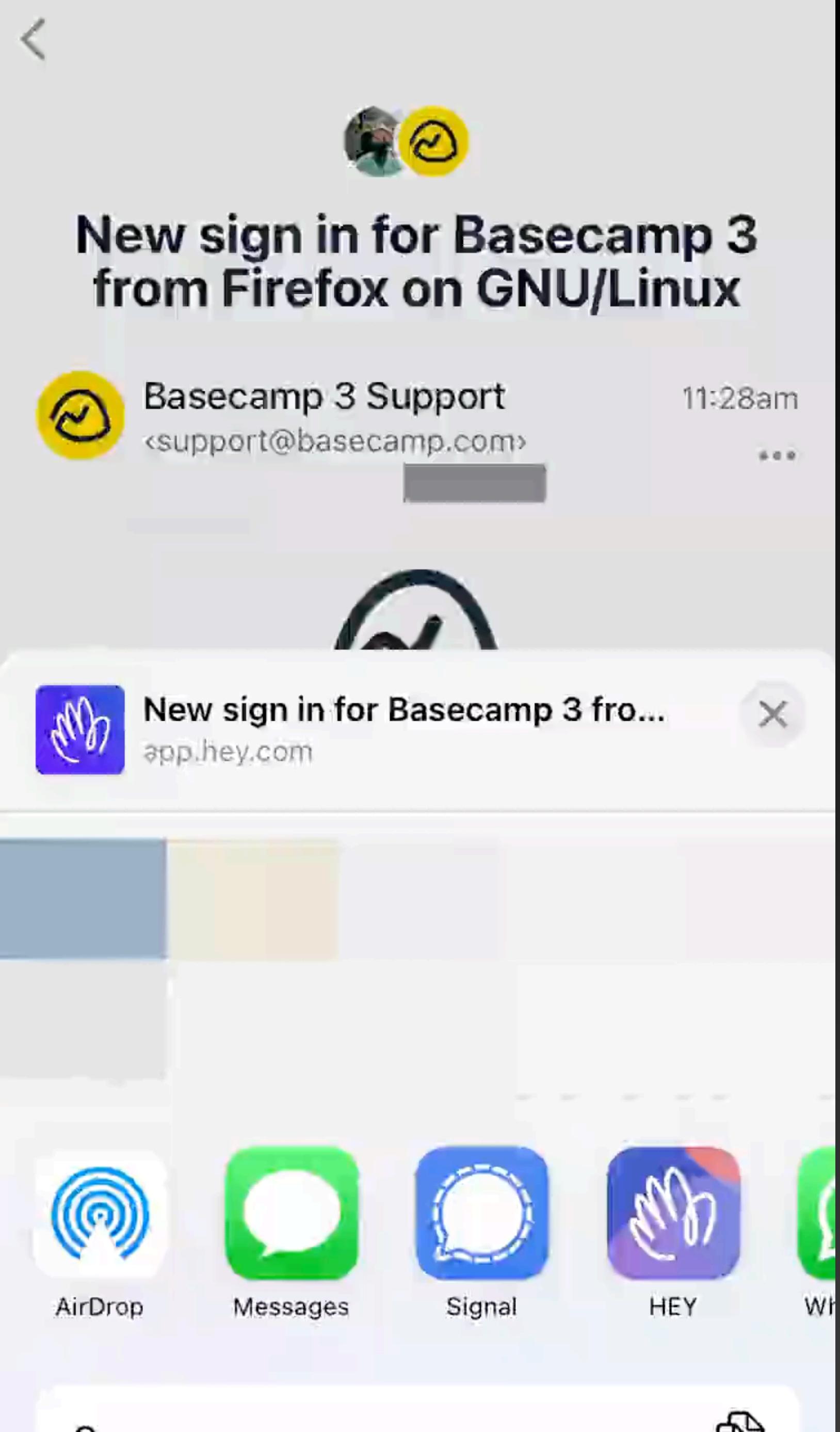
Write a compatible controller and watch Stimulus bring it to life:

```
// hello_controller.js
import { Controller } from "stimulus"

export default class extends Controller {
  static targets = [ "name", "output" ]

  greet() {
    this.outputTarget.textContent =
      `Hello, ${this.nameTarget.value}!`
  }
}
```

Strada



Strada

- It's a bridge between frontend and native
- You can call native code and pass it values from the frontend
- You have to write native code