

ZIP PIN

checkout-free shopping for every store

About Zippin

Zippin provides autonomous checkout for leading brick & mortar retailers. Our solution leverages computer vision and sensor fusion to create the most convenient shopper experience. Shoppers can zip in and out with their purchases. No more checkout lines and no need for self-checkout scanners.

Zippin launched its first partner store in 2019 and today powers 5 publicly accessible stores.

Zippin is headquartered in San Francisco, CA with offices in India and Toronto.

The company was founded by industry veterans from Amazon, Apple, VMware and SRI.

Zippin has raised over \$15M from investors including Evolv, NTT Docomo, SAP and Maven Ventures.

San Francisco HQ

215 Fremont St #1, San Francisco, CA 94105

Toronto Office

359 Eastern Ave., Suite 110
Toronto, ON, M4M 1B7
416 458 7222



A photograph of a crowded supermarket aisle, overlaid with a semi-transparent red filter. The aisle is filled with people, some pushing shopping carts, and shelves stocked with various products. In the upper left, there are red signs with white arrows pointing downwards. The overall scene conveys a busy retail environment.

VISION

Transform retail by
banishing the checkout
process.



РЕЙДИТ
П



<https://youtu.be/wNrgqBP7md4>

Cashierless Shopper Experience

1. Enter with Zippin app or credit card.
2. You and your family shop.
3. Walk out. Receipt in app or email.



Cashierless is the Future

- **Better and faster shopper experience**
- **Less labor costs**
- **Streamlined inventory ops**
- **Person-level analytics**



Zippin is Proven and Reliable

- ✓ 99.87% accurate in 5 live publicly accessible stores in 4 continents.
- ✓ Accurate with all people and clothing; no facial recognition.
- ✓ Supports group shopping.
- ✓ 24x7 remote monitoring included.
- ✓ Eliminates shoplifting.
- ✓ Operational even during Internet outages of up to 4 hours.
- ✓ Inventory management and advanced analytics included.
- ✓ Custom integrate your app, payment processor, etc.

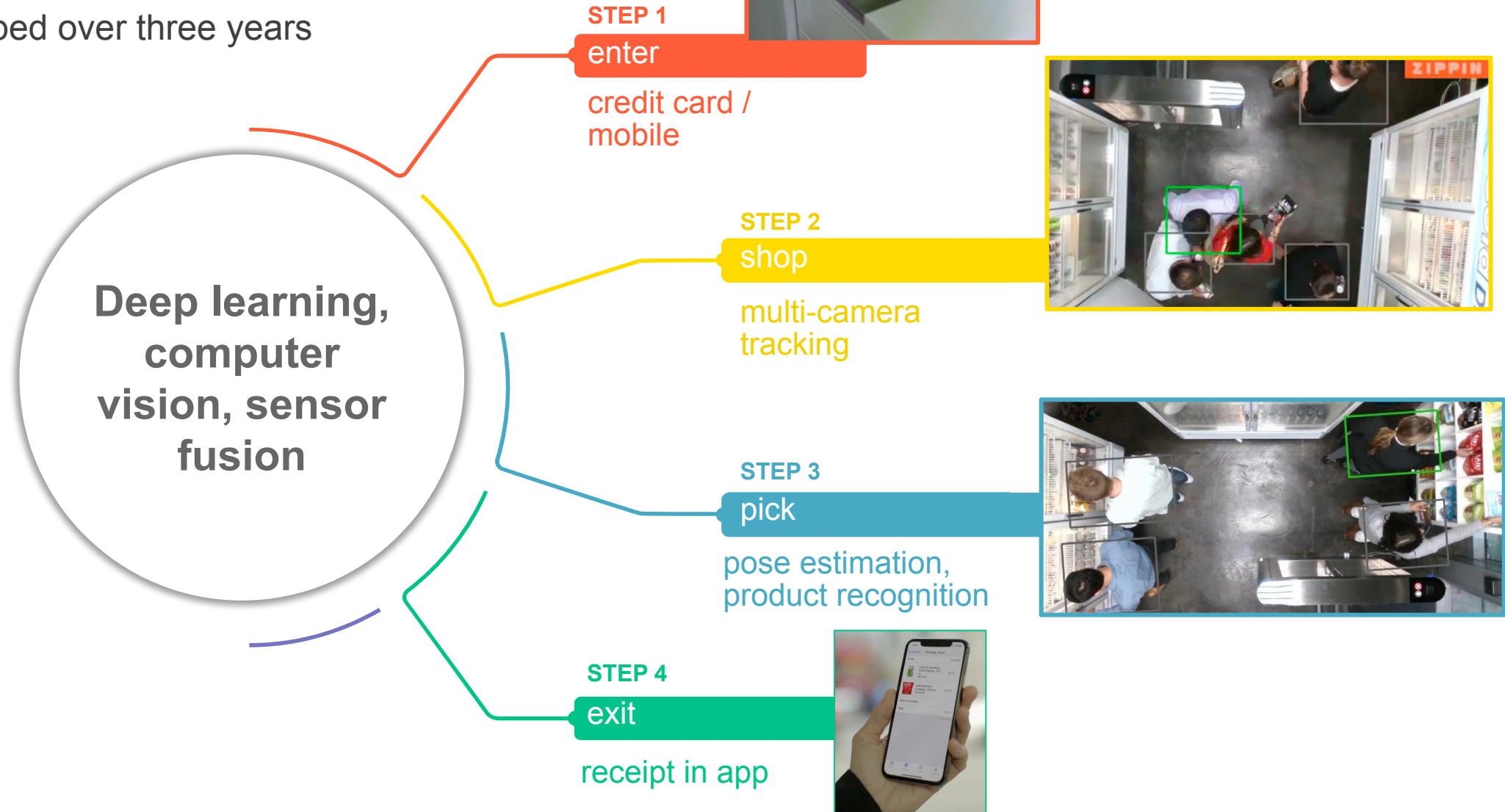


Technology



Integrated advanced tech

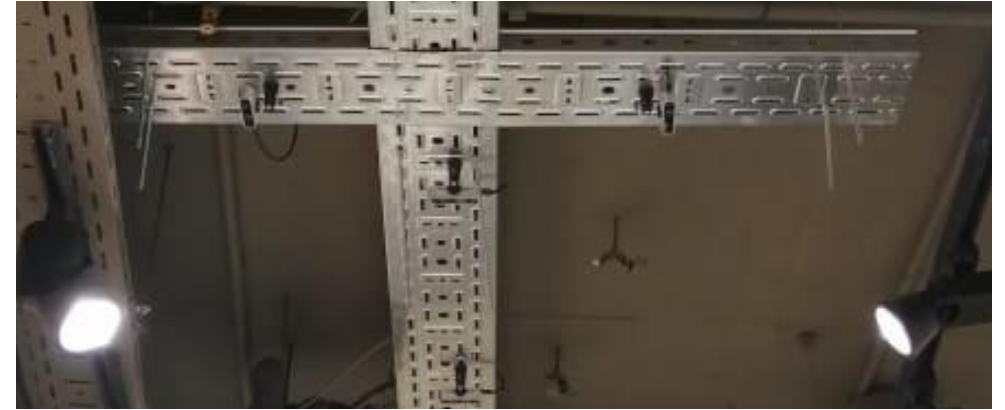
Developed over three years



Key Equipment Overview

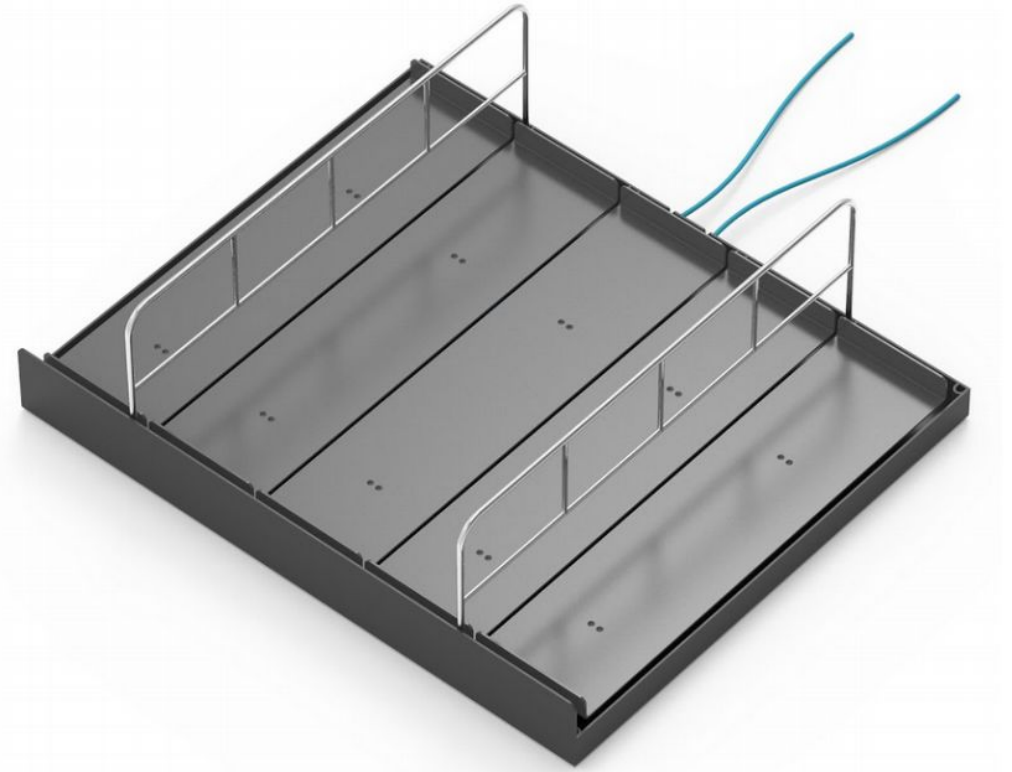
Camera + Compute Bundle

- Camera bundled with edge computer to speed up inference and reduce Internet and bandwidth usage
- Each camera covers an area of the store when mounted 12 feet above
- Standard mounting interfaces

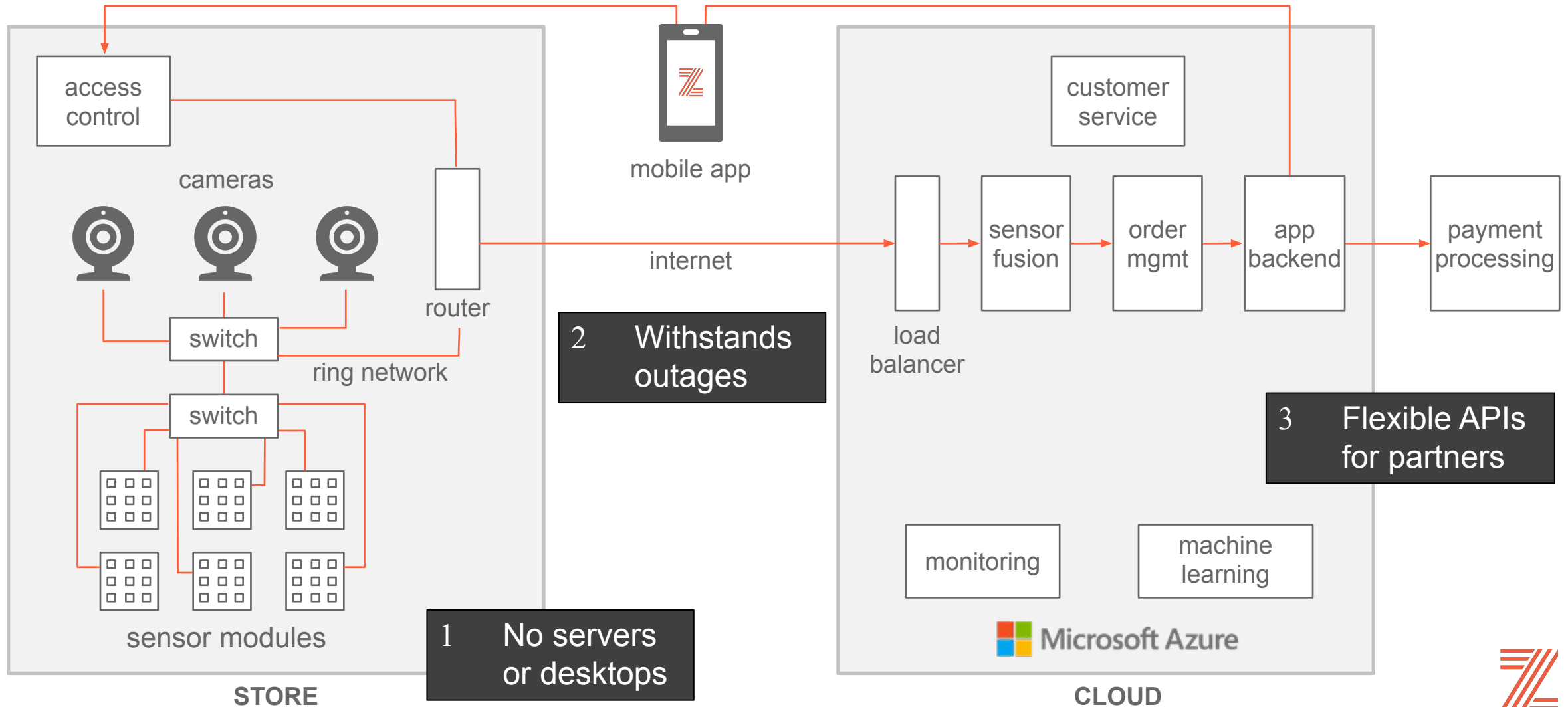


Shelf Sensors

- Custom sizes with 6-8 week lead time
- Dividers can be adjusted to fit products
- Works with existing shelving
- Coming soon with a display (electronic shelf labels)



Platform Architecture



Live Installations

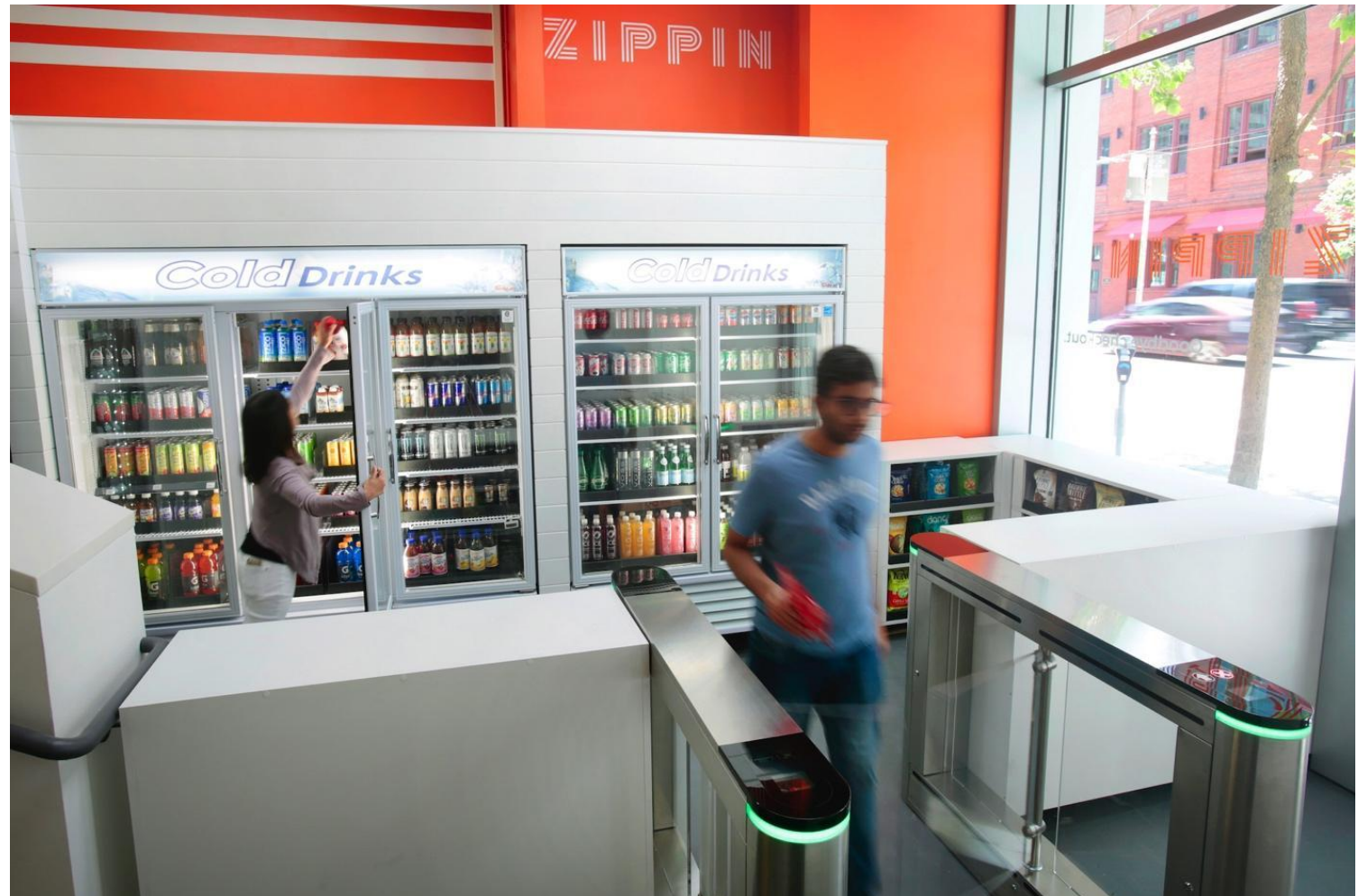


Concept store launched in San Francisco

Launched on Aug 20th, 2018

First checkout-free store in San Francisco

Food & beverage + convenience items



First 3rd party store in Rio de Janeiro

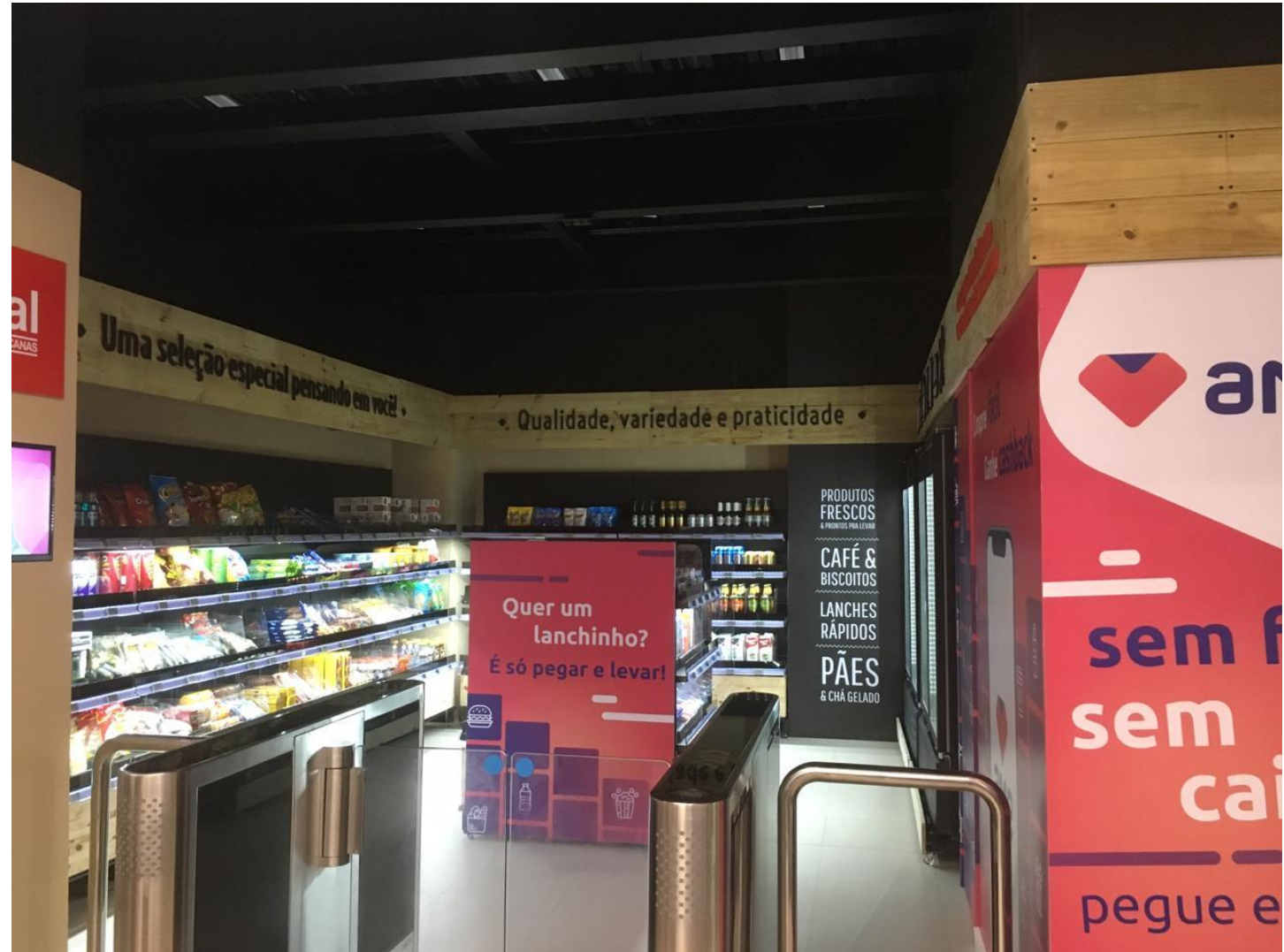
Launched in Brazil on Mar 19th, 2019

First non-Amazon
checkout-free store

Inside an office building

#1 supermarket. \$5B in
annual sales

LOJAS AMERICANAS powered by
ZIPPIN



...and in Sao Paulo

Launched On Nov 15th, 2019

Inside a residential building

Open 24x7

Major plans for expansion

LOJAS AMERICANAS

powered by **ZIPPIN**



In Japan

Launched Feb 18th, 2020

Large convenience chain in Japan with 14,000 stores

First checkout-free store with a palm reader entrance

Popular items: breakfast, lunch, beverages and snacks

LAWSON

powered by
ZIPPIN



In Europe

Launched May 20th, 2020

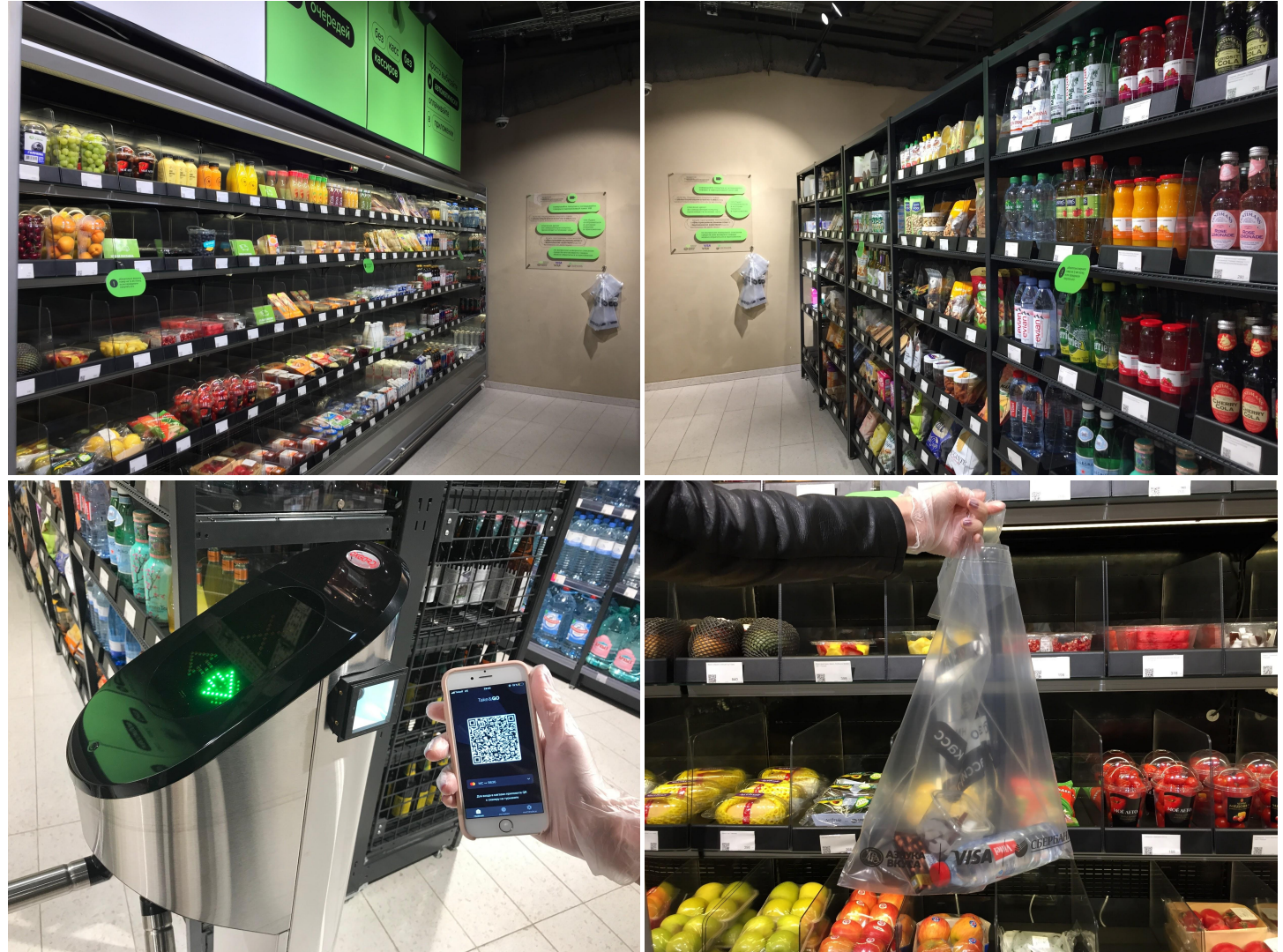
Azbuka Vkusa - Leading grocery chain in Moscow, Russia

First checkout-free store-within-a-store

Popular items: fruit boxes, lunch, beverages and snacks



powered by
ZIPPIN



Zippin Cube: turn key solution for small format stores

Pre-fabricated option makes installation a breeze

Ideal for airports, stadiums, train stations, malls, etc

Designed for high-throughput stores in high-traffic areas

Suitable for store within a store



The Cube is live



Sacramento Kings
Opened Oct 25th

Selling

Draft beer
Canned beer
Beverages
Popcorn
Snacks



Benefits



Numerous benefits to retailers

Provide delightful customer experience while improving the business model



Lower
labor costs



Higher
sales / ft²



Streamlined
inventory ops



Advanced
Analytics



Fewer losses
due to theft

Retailer net profit goes up by ~3x

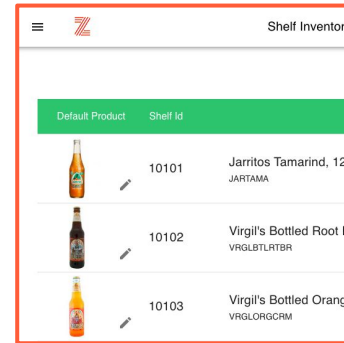





Services & tools included with Zippin



24x7 Remote Monitoring

Our dedicated 24x7 human-in-the-loop team responds to any errors our AI or system comes across in under 90 seconds.



Default Product	Shelf Id	
	10101	Jarritos Tamarind, 12.5 JARTAMA
	10102	Virgil's Bottled Root Be VRGLBTLRTBR
	10103	Virgil's Bottled Orange VRGLOROCRM

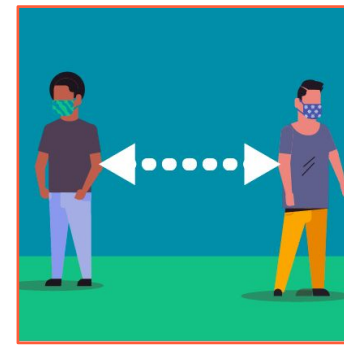
Inventory Management

Streamline inventory ops by restocking without scanning and using our real-time dashboard that knows when items are misplaced.



Person-Level Analytics

Increase loyalty and sales by tracking each shopper's dwell time, gaze direction, shopping cart and more in real time.



Post-COVID Tools

Manage the # of people in the store & enforce social distancing while offering a contact free shopping experience.



COVID-19 Microstore Popup



Covid-19 is stretching retail infrastructure to its limits

Panic buying and hoarding are leading to major disruptions to store operations and the supply chain.

Compounded by health concerns for frontline staff and CDC guidelines on social distancing.



Exceptionally long lines

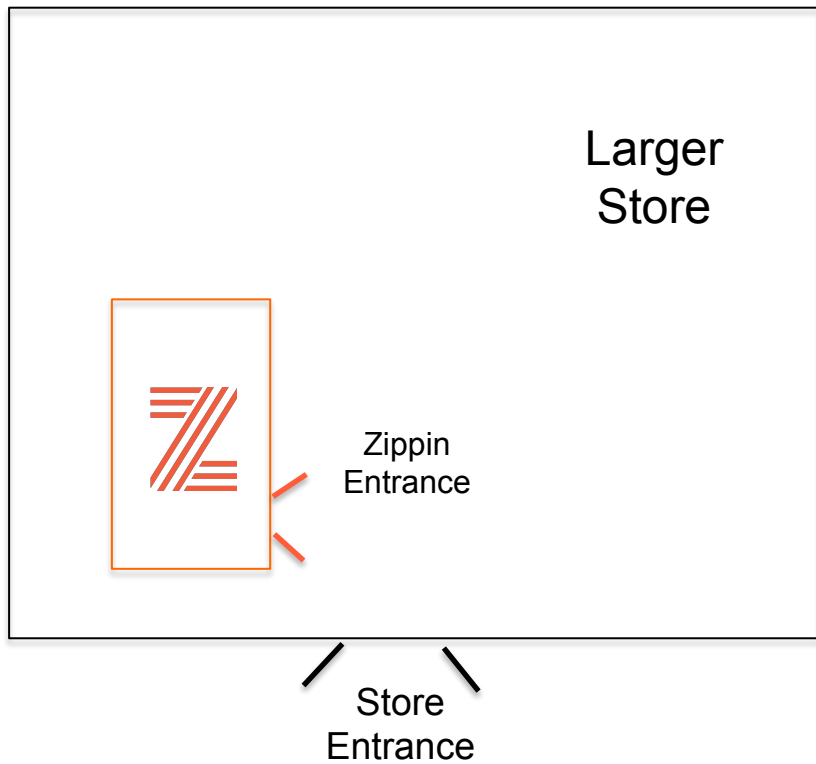


Stock imbalances

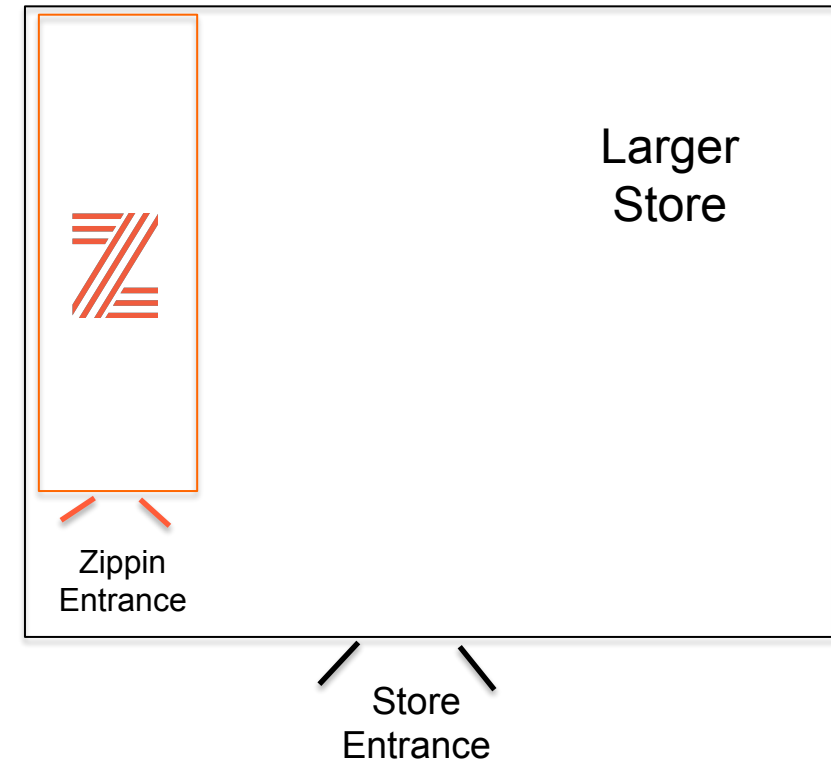


Store-within-a-store for rapid deployment

Express section for popular essentials and rationed products



Opt 1: Zippin Cube at the front



Opt 2: Turn an aisle into a Zippin



Improved shopper experience with a Zippin store

1. Shoppers that need only a few essentials
 1. Check-in at the Zippin store with a credit card or Zippin app
 2. Grab what they want
 3. Exit without waiting in line anywhere
2. Other shoppers get
 1. Shorter lines at the checkout counters
 2. Better social distancing, with fewer shoppers in the main store
 3. Remote product availability check (for essentials)



Zippin kills multiple birds with one stone

1. High throughput shopping. No checkout bottleneck.
2. Real time inventory monitoring and restocking alerts.
3. Touch-free. Interaction-free. Frontline staff don't touch cash, cards or shoppers' items, and can maintain safe distance.
4. Automatic enforcement of quantity limits. 10x price for 2nd item, even if across visits.
5. Aid social distancing. Control # shoppers entering the store through the electronic access-controlled gates.
6. Know what's in the store before you drive to the store.



Thank you

www.GetZippin.com



Appendix



Company overview

Founding Team ex-



Global Customers



Offices



HQ: San Francisco

Offices: San Carlos, CA
Toronto, Canada
Chennai, India
Bengaluru, India

Investors



Current Zippin Stores



Zippin Concept Store
Aug 2018 · San Francisco, CA



Sacramento Kings Stadium
Oct 2019 · Sacramento, CA



Lawson
Feb 2020 · Japan



Lojas Americanas
Mar 2019 · Rio de Janeiro, Brazil



Azbuka Vkusa
May 2020 · Moscow, Russia



Lojas Americanas
Nov 2019 · Sao Paulo, Brazil

