

Zipline

Keep today
on track

Zipline Technical Overview

2023



Agenda

- Overview
- Infrastructure
- Security and Compliance
- Set up
- Integrations
- Case Study



Overview

Zipline





Hi! We're Zipline.

We're how best-in-class retailers bring brand strategies to life in stores. A unified platform for operational excellence, Zipline brings together frontline communications, task management, resources, insights, and more— so everyone feels connected to the brand and inspired by their work.



Internal Communications



Task Management



Resource Library



Easy to use for everyone
Single source of truth

Retail expert customer success team

Enterprise security & data privacy

Analytics and insights

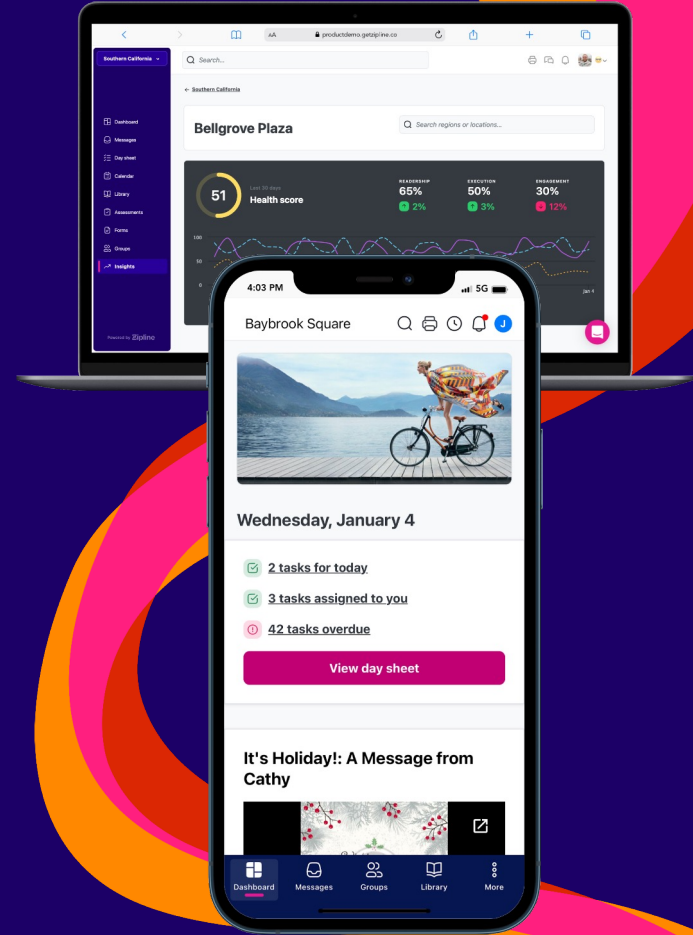
APIs, widgets, and integrations.

Messaging



Store Audits

Surveys



70+ of Retails Best Brands Use Zipline to Enable Operations, Engage Teams, and Inspire



allbirds

aerie



AEO INC.



BevMo!



BANANA REPUBLIC



COLE HAAN



Visionworks

ESSENCE



WARBY PARKER

TORRID



TheRealReal



ROTHY'S

SEPHORA



PACSUN

PARACHUTE

Parallel



L.L.Bean



MedMen

MORPHE

INTERMIX

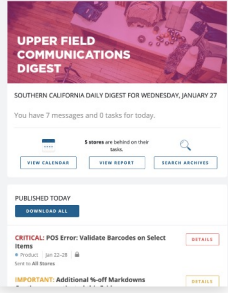
J.CREW



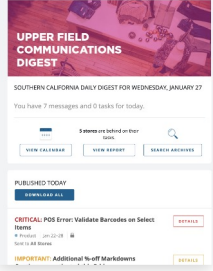
La SENZA



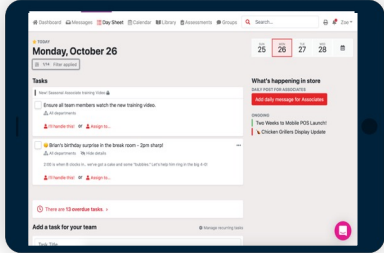
Lbrands



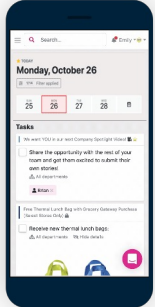
Communications
Digest for HQ



Communications Digest
for Upper Field



Mobile App
for Phones & Tablets



Analytics



janvier jeudi à 15:54

Southern California

Search...

Overdue task report

Southern California
5 Stores

Find a team...

Teams 6 Tasks 28

Name	Tasks assigned	Tasks overdue	% overdue	Status
Southern California (District team)	0	0	0%	On track
Jana Center	36	16	45%	Behind
Tennyson Park	41	10	25%	Behind
Miller Plaza	36	10	28%	Behind
Crest Line Trail	36	9	25%	Behind
Bellgrove Plaza	41	3	8%	Behind

Powered by Zipline

productdemo.getzipline.co

Search...

Insights

HQ / United States / Cap... / US Central / CHI Fulton Market

CHI Fulton Market

Search regions or locations...

Health score

67 Last 30 days

-- Readership -- Execution -- Engagement

Readership

91% -9 pts since last period

Read on time 32 (91%)
Read late 4 (5%)
Unread 0 (0%)

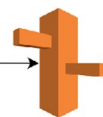
76 messages received

MacBook Air

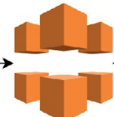
Infrastructure



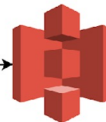
Zipline



Route 53 - DNS



CloudFront - CDN



S3 - Asset Storage

Dynamic DNS Routing

Route 53 allows us to use latency based routing so that we can automatically redirect traffic if the latency drops below a threshold that we set.

Global CDN

After DNS, CloudFront is the initial point of contact for the user request. It uses smart caching rules to direct the request to the right location. Using in-region edge nodes dramatically improves speed for SSL termination, file uploads, and static asset requests.

Also provides DDOS, SYN/ACK flood, Reflection attack, and HTTP slow reads protection.

Secure, Redundant File Storage

Documents, Static Assets, Videos, etc are all encrypted and stored in S3 grouped by customer subdomain. Uploads go directly to S3 from CloudFront, which improves performance and simplifies security configuration. Customer provided files can only be accessed via Signed Requests.

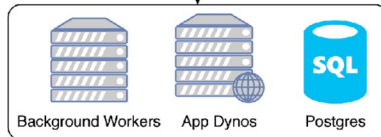
S3 is designed for massive scale and unlimited capacity.

Realtime Scaling

Heroku's infrastructure allows our application to scale automatically based on the traffic it's serving. This ensures that our application is never overloaded.

Our background worker system allows us to offload slower jobs, such as email sending, so that requests return in milliseconds.

Our managed PostgreSQL database includes automated backups and multi-AZ follower databases.



Everything is monitored by DataDog to provide real-time alerts and performance insights

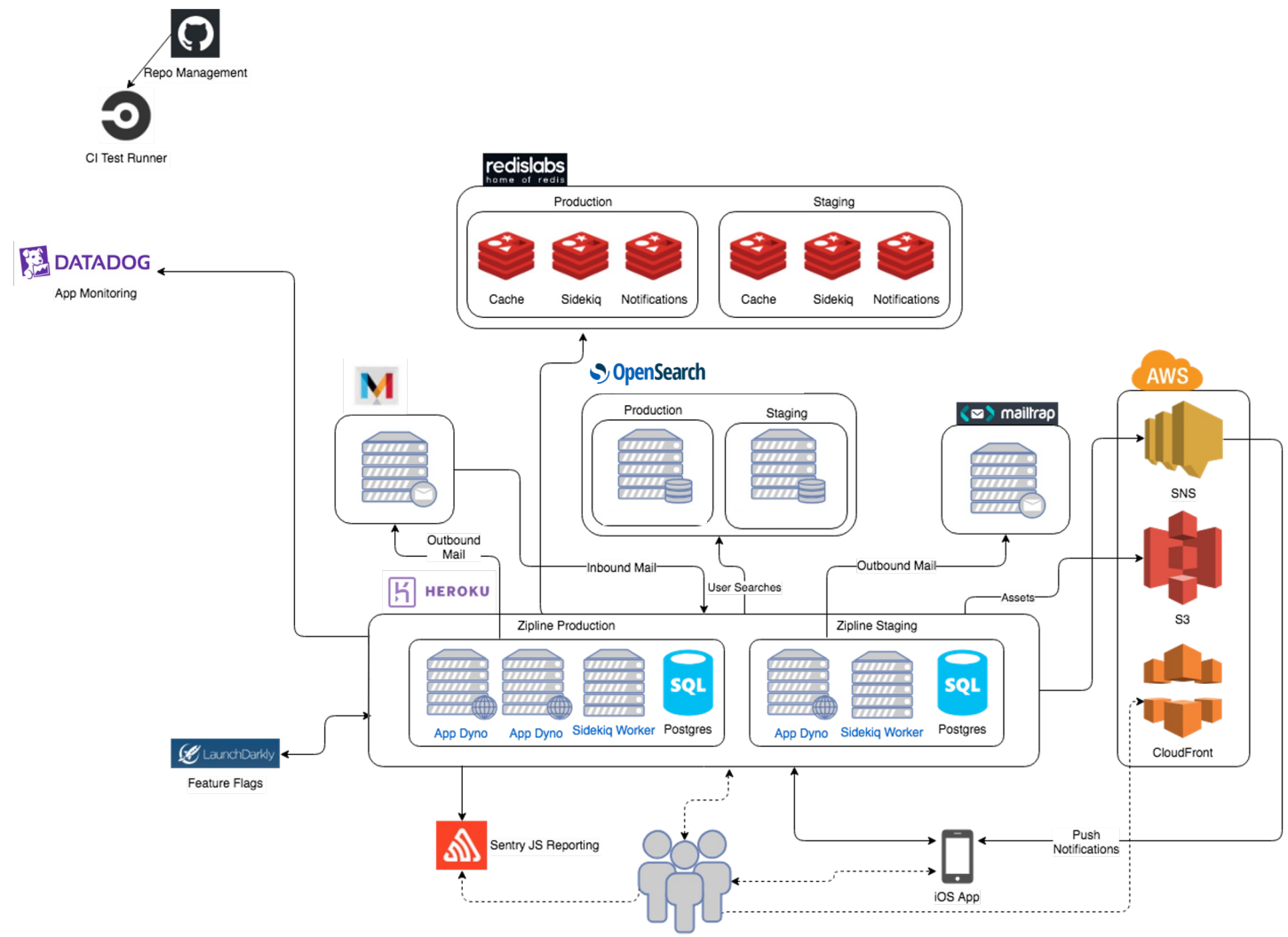
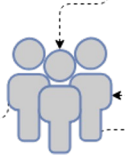
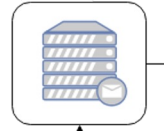
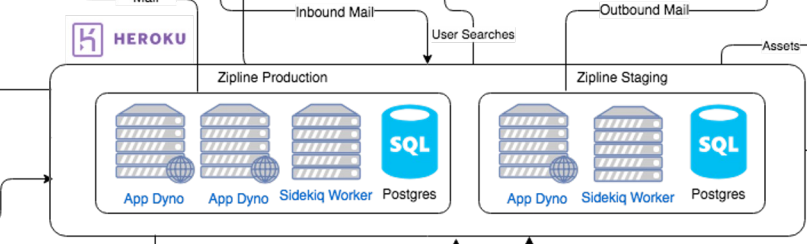
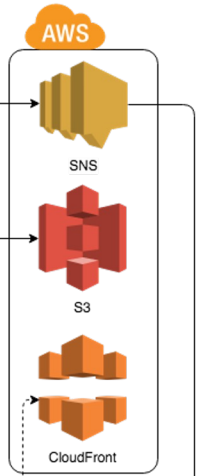
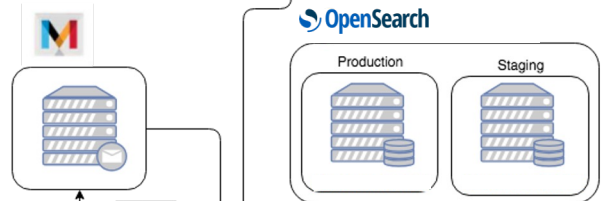
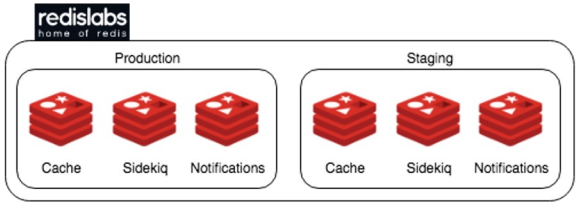
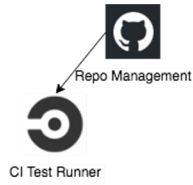
Zipline

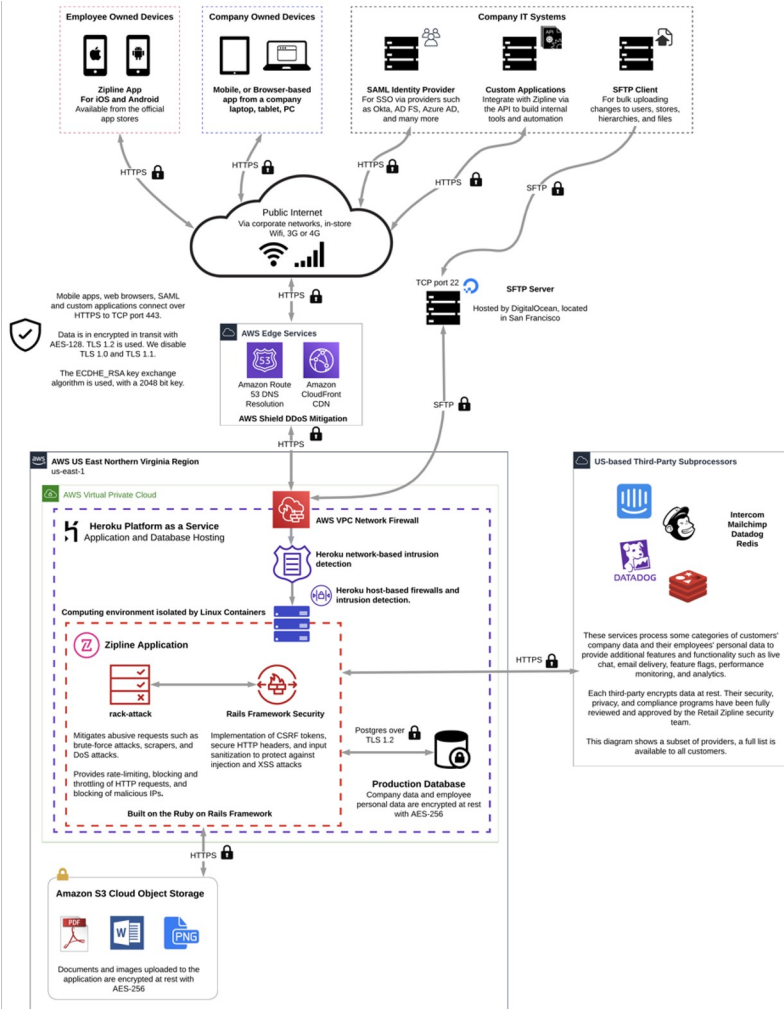
We're standing on the shoulders of giants. Modern technology allows us to provide a fast, reliable, service to hundreds of thousands of users.

This is an outline of the infrastructure we use to ensure Zipline is always available. Any questions, please contact engineering@retailzipline.com

Background Services

Best-in-class providers are used for other services, such as search, caching, and email sending. Each provider has their own SLA guarantees and is paired with an equally stable failover provider that we can quickly switch to in case of a major provider outage.





Secure Multi-Tenancy

yourcompany.retailzipline.com

Common	Private
Hosting	Authentication
Database	Database Schema
Business Logic	Business Data
Fault / Service Management	Theme / Configuration
User Interface	
Technical Support	

All data is encrypted in transit and at rest using AES-256 and TLS 1.2

Zipline

SUBSCRIBE TO UPDATES

All Systems Operational

Uptime over the past 90 days. [View historical uptime.](#)

Zipline Application

Operational



Integrations

Operational



Email Handling

Operational



Heroku

Operational



Customer Support

Operational



Status and Uptime

Service Level Objective: **99.95%**

90 day rolling average: **99.99%**








You can subscribe to updates for real-time notifications of any issues or service outages.

<https://status.retailzipline.com>

Security & Compliance

Zipline

Overview

SSL using TLS 1.2 required	
Data encrypted in transit and at rest using AES-256	
SAML 2.0 based Single Sign-On	
Granular app management	
Custom message retention	
Regular Pen-Testing and System Audits	
No History of Intrusions	
PCI Compliance	N/A

For more details: <https://getzipline.com/security/>

Policies and Security



<https://getzipline.com/policies/>

The screenshot shows the Zipline website's "Policies" page. The header includes the Zipline logo, navigation links for "Solutions", "About Us", "Resources", and "Pricing", and buttons for "Request Demo" and "Sign In". The main heading is "Policies". Below this, there are six policy categories in a grid:

- Terms & Conditions**: The agreement that governs your use of the service
- Privacy Policy**: What we collect and how we use it
- Security Practices**: Our current security policies and practices
- Whitehat**: How to report security vulnerabilities to Zipline
- Transparency Report**: Summary of the user data requests that we receive
- User Data Request Policy**: Our policy regarding handling requests for user data

Trust Report

Trust Report

trust.getzipline.com

Overview Documents Monitoring

Documents [View all](#)

- SOC 2 Type II
[Request Access](#)
- Web Application Penetration Test Full Report 2022
[Request Access](#)
- Information Security Policy (AUP)
[Request Access](#)

Monitoring Updated 8 hours ago

- Infrastructure security** [View all 18 controls](#)
 - ✓ Service infrastructure maintained
 - ✓ Production data backups conducted
 - ✓ Intrusion detection system utilized
- Organizational security** [View all 8 controls](#)
 - ✓ Portable media encrypted
 - ✓ Anti-malware technology utilized
 - ✓ Employee background checks performed
- Product security** [View all 5 controls](#)
 - ✓ Penetration testing performed
 - ✓ Data encryption utilized
 - ✓ Data transmission encrypted
- Internal security procedures** [View all 18 controls](#)
 - ✓ Vulnerabilities scanned and remediated
 - ✓ Access reviews conducted
 - ✓ Continuity and disaster recovery plans te...

For more details: <https://trust.getzipline.com/>

Getting Set Up



Rough Timeline

Most customers roll-out between 3 and 6 weeks

Initial Environment Setup
and Configuration

Launch to Initial Locations



SSO Setup and
Hierarchy Import

Acceptance Testing and
Initial Training



Recommended IT Resources

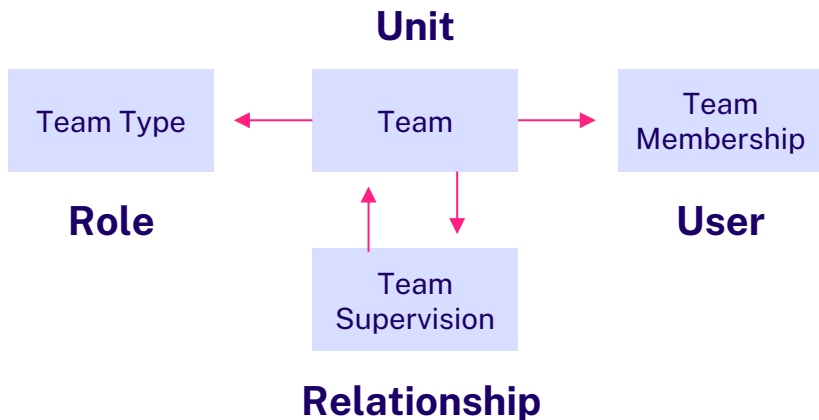
From Zipline

1. Dedicated Account Manager
2. Training Partner
3. Onboarding Engineer
4. Integration Engineer

From You

1. Primary Point of Contact for Configuration Decisions
2. HR System Admin
3. Project Manager
4. Implementation Engineer

Our Flexible Hierarchy System

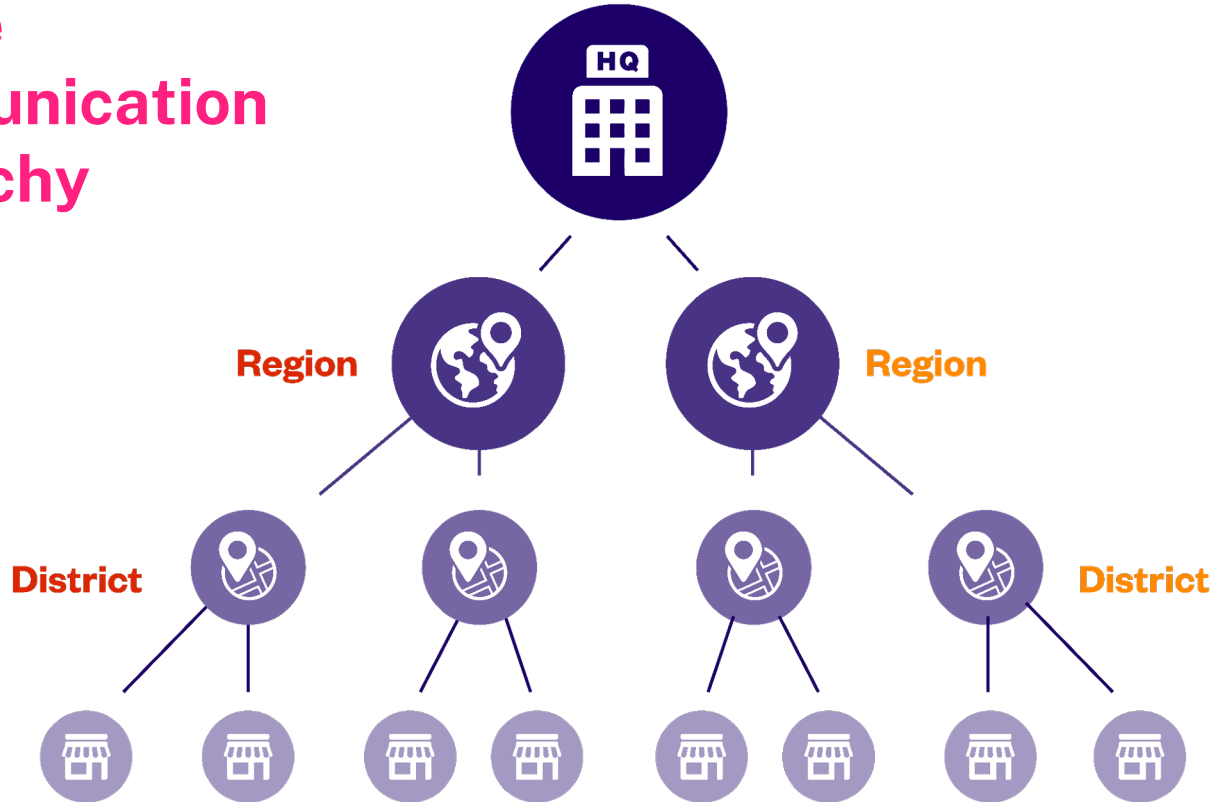


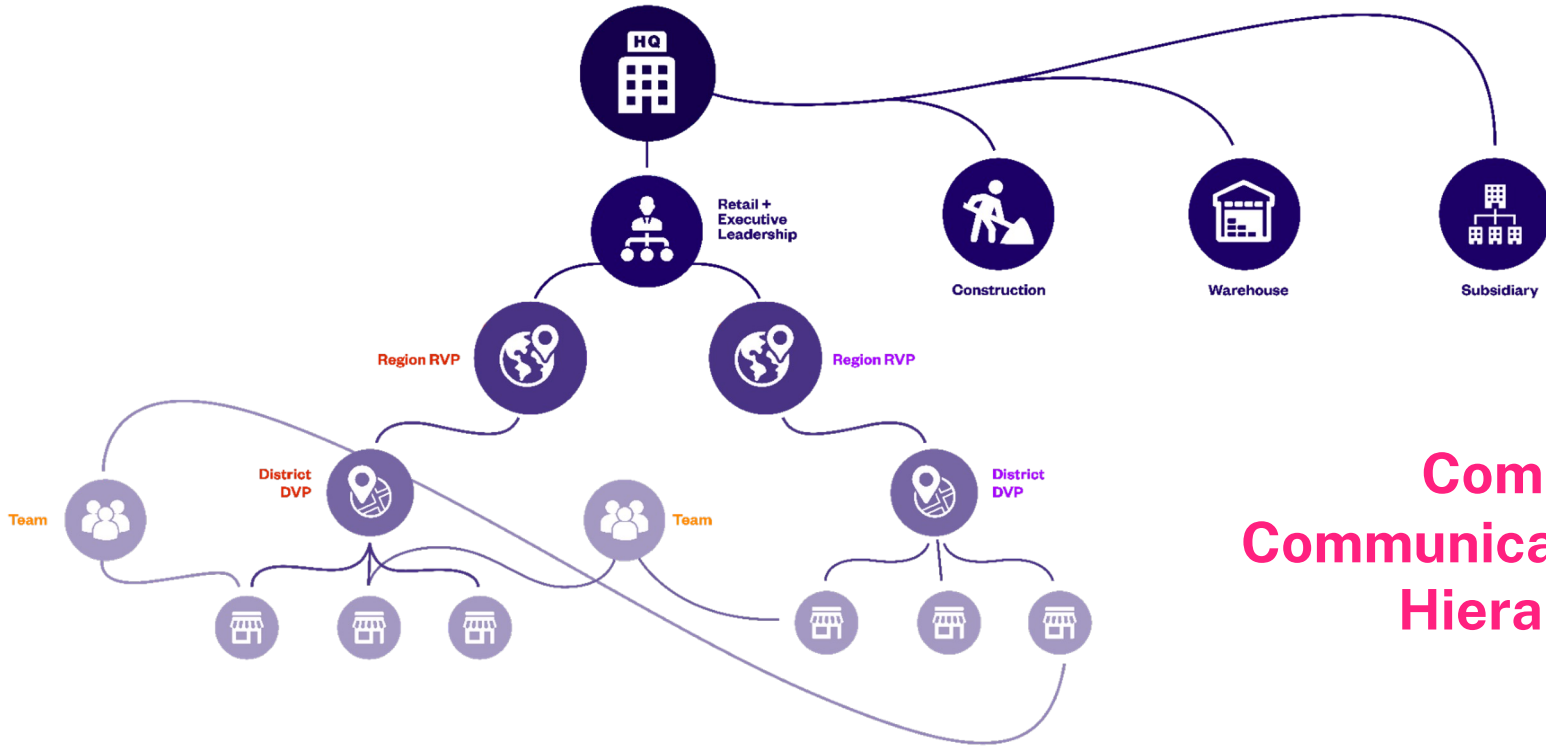
- Team is the primary logical unit in our hierarchy and targeting system
- A Team can supervise any other Team, as long as there are no loops
- Team Types are defined by the Organization
- A User can be on any number of Teams

The Simple Case

Team	Type	Membership	Supervises
Bellgrove Plaza	Store	Store Manager	-
Southern California	District	District Leader	BellGrove Plaza
West	RCC	VP of Retail Support	Southern CA, Northern CA, OR, WA

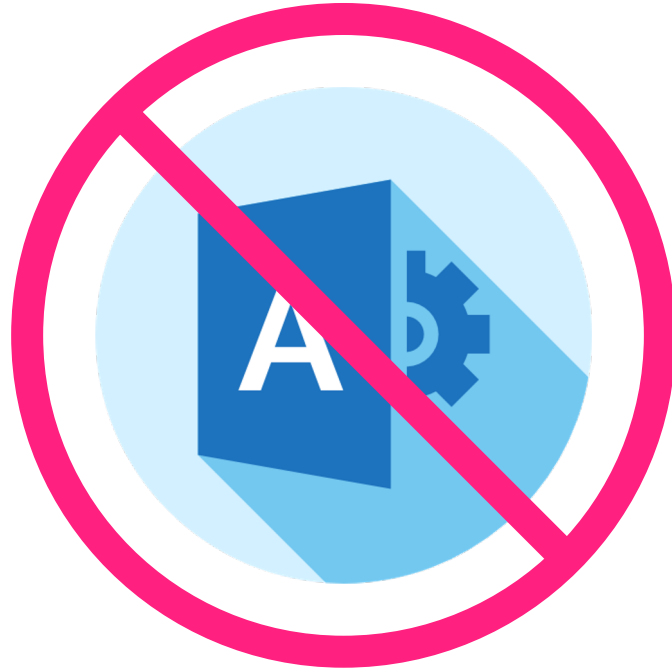
Simple Communication Hierarchy





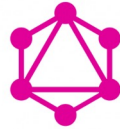
Complex Communication Hierarchy

No Complex Admin Area



Core Information Needed

- **User Authentication:** SAML connection or Username/Password
- **Location Hierarchy:** How do your locations relate to your organization
- **User Mapping:** How do we associate users to locations



GraphQL



Integrations

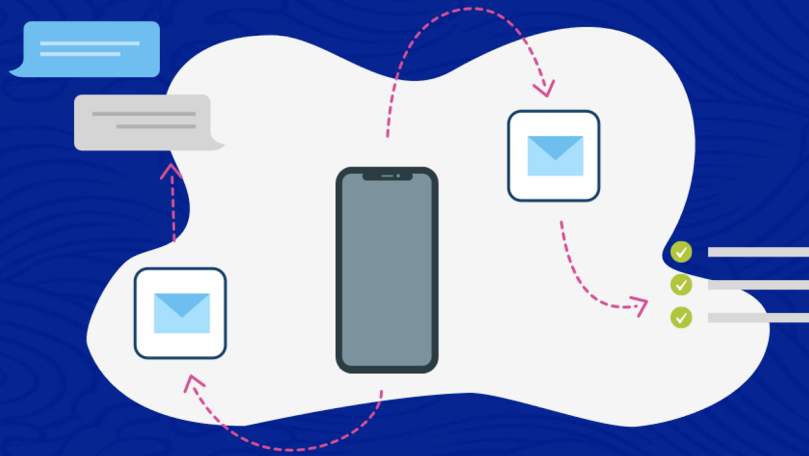




Configuration & Setup

SFTP Connector

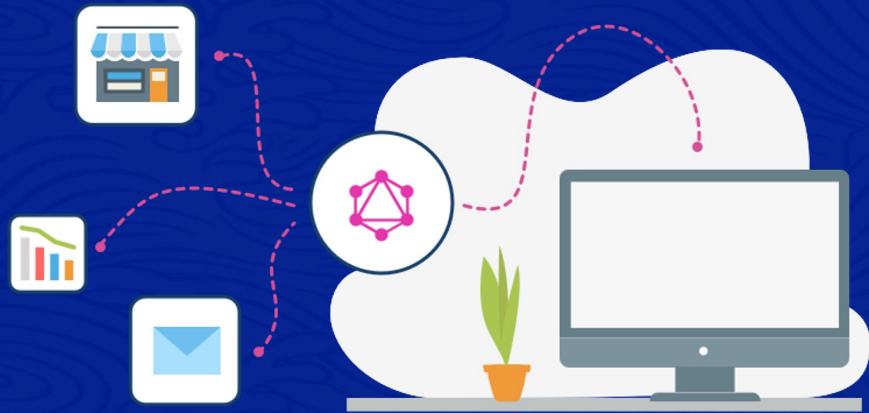
Automate the loading of hierarchy files, user files, and reports directly into Zipline using our SFTP connector.



Integration

Email Integration

Automatically publish communications, tasks, and reply to group messages just by sending an email.



API

Zipline API

Integrate directly with GraphQL to build custom functionality or automate behavior specific to your use cases.

BigQuery Data Connector

- Data flows into your BI dashboards
- Bridge Zipline data to transaction, workforce, operational, or customer experience data



Workforce Management



UKG

Learning Management



BigQuery Data Connector



Zipline

Customer Experience

Medallia

Service Desk



Connection Method	Level of Effort	Major things that it unlocks	Setup Time	Implementation Time
Email into Zipline	Easy	Automated tasks and communications	1 day	1 week
Embedded Widget	Easy	Show Zipline task and message summary in another platform	1 day	1 week
SFTP	Easy	Resource Library updates, automated hierarchy updates	1 day	1 week
Direct 3rd party integrations	Intermediate	Seamless interaction with your other tools	1-2 weeks	2-8 weeks (dependent on vendor)
BigQuery	Expert	Data export to your 3rd-party BI	1-2 weeks	2-8 weeks
GraphQL API	Expert	Full access to all your Zipline data	1 day	<i>Dependent on your developers!</i>



Case Study



Project

Zipline rollout for US-based, 170-store grocery brand to 11,000 field employees.

Strategy

Crawl-Walk-Run: Single Store, added a Zone, and full fleet rollout.

Implementation

3 months and less than 10 Fresh Market IT hours.

Results

The field loves using Zipline and has achieved 90% adoption of the platform. The Fresh Market has more than tripled store execution to more than 90%.

“This has been the smoothest rollout I’ve ever experienced in my career. We had big expectations and Zipline really delivered.”

Retail Communication Manager, The Fresh Market



“Zipline’s mobile platform is a game-changer. More of our team members are connected and receiving comms, because we now bring the comms to their fingertips.”

Retail Communication Manager, The Fresh Market



Project

Zipline rollout for
50+ store locations to
3,400+ field employees.

Strategy

Replace previous vendor at contract end
to avoid double expense.

Implementation

On-time launch, ensuring no break in
service.

Results

From the beginning, adoption was close
to 100%. Continued 96% readership and
store execution more than 90%.


“[The Zipline] team by far knocked the whole thing out of the park. It was so refreshing to interact and partner with such a smart, talented group of people who are clearly passionate about the mission and product. The sales process, leadership, consultation, change management materials and training were exceptional end to end.”

Director of Stores and Retail Ops, L.L. Bean



“Ultimately, our testers liked the streamlined interface of Zipline’s Associate Experience much better. It isn’t overwhelming for those employees who only work a few days a week, and it only gives them the exact information they need to know for their shift.”

Manager of Store Operations, L.L.Bean

The logo graphic consists of three overlapping, organic shapes. The largest shape is purple and contains the word 'Zipline' in white. It overlaps with a smaller green shape to its right and a larger pink shape below it.

Zipline

Thank you!