Zerobase

Smart Tracing That Keeps Communities Safe

The Problem

Lives are **lost** in vulnerable **communities** that struggle to **contain** the **spread** of **COVID-19** due to lack of resources for **testing, anticipation, and communication.**

Zerobase

Zerobase is a **smart tracing solution** to **quickly** inform **individuals** and **public health agencies** of potential **COVID-19** exposure in a **private, non-intrusive** manner.
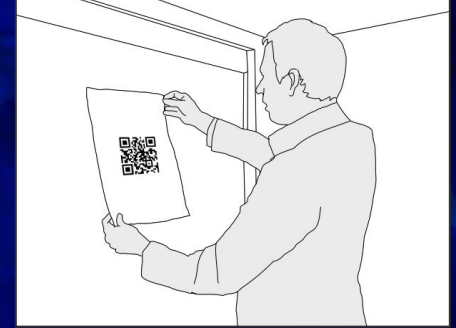
Zerobase

- Keep your community safe and save lives
- Enable public health officials to recreate travel chains
- Estimate exposure probabilities within communities
- Effectively contain community spread of the novel coronavirus
- Free, privacy oriented, easy to use, fast to deploy, and ready now
- Visit https://zerobase.io/ or scan a QR code to enroll - that's it!

How ZeroBase works

Zerobase is a location tracker for community hot spots.

Businesses and public locations use a designated smartphone to enroll, print out a QR code, and request that every individual entering the premise or testing center scan the code.
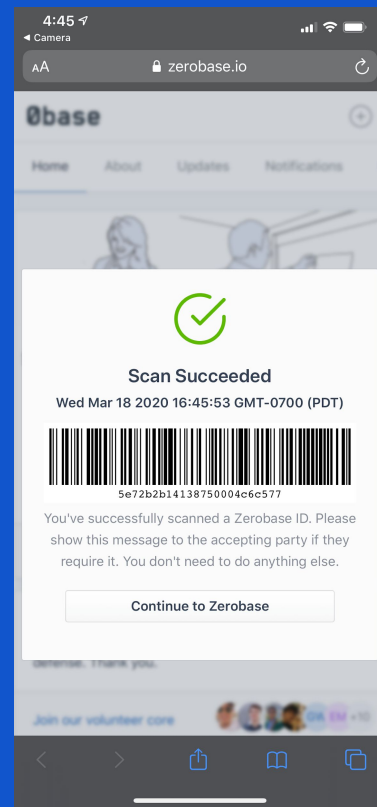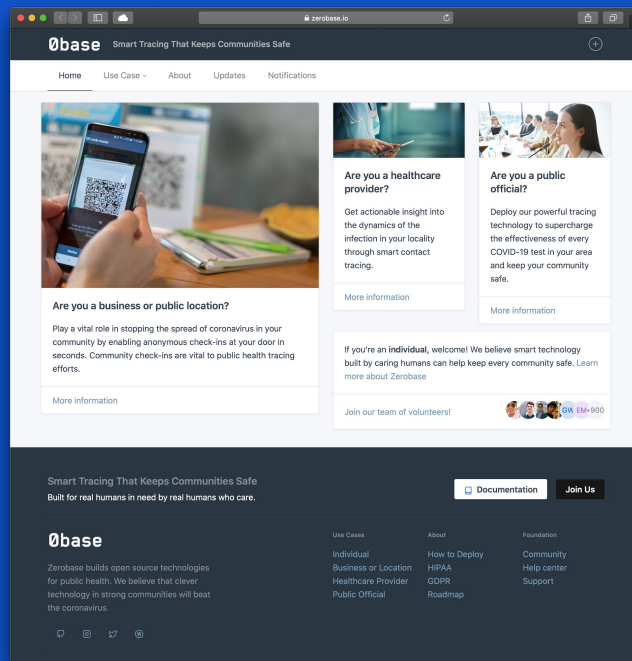
We work with public health agencies to then backtrace potential exposure events and notify all affected locations and individuals with next steps.

ZeroBase

If you're visiting from a smartphone you are already deploying Zerobase.

The process is entirely voluntary and passive in nature leading to high levels of security and privacy.

Data security by design

- Personally identifiable information is not associated with test results
- Users are not required to set up an account for smart tracing to work
- Contact information is only used to facilitate notifications
- Our infrastructure meets military data security specifications
- We follow the fundamentals of zero knowledge proofs
- Our global DevSecOps team operates around the clock
- Our platform is audited by our legal and privacy compliance team

Effectiveness

Public health efficacy can be distilled into the following components

1. Do you have a direct line of communication with individuals?
2. Can you administer individualized public health guidance at scale?
3. Can you establish some baseline metrics in order to automate triage?

Strong privacy guarantees enable high levels of trust and high levels of user adoption. Strong community adoption enables a strong feedback mechanism.

Containment

The public health response protocol is: Test, Isolate, Trace, Contain

- Test results are recorded and actionable immediately
- Trace the historical path of exposure
- Estimate exposure severity
- Allow informed and measured public policy decisions
- Enable surgically precise community containment
- Immediate notifications for individuals with exposure risk
- Zerobase enables an efficient and low impact solution

ZeroBase is for Public Health Officials

Are you a public health official? ZeroBase enables you to:

- Contain infection spread and resurgence with automated notifications of an individual's interactions when they are likely infected
- Implement contact tracing without the time delay and burden of manual contact tracing
- Deploy testing to communities where needed through reporting on locations where ZeroBase shows an increased likelihood of infections for earlier intervention.
- Use a technology solution without lengthy sign-ups while protecting the privacy of my constituents.

ZeroBase is for Businesses and Public Spaces

Are you a business owner or manage a public space?

- Reduce the likelihood of infection to staff and community by enforcing check-ins
- Assist health officials with early detection
- Demonstrate a commitment to preventing the spread of infection and my commitment as an organization to providing a clean safe space, as a grocery store or other service entity.

ZeroBase is for Individuals

- Intelligently find my risk if I have likely been infected or in the vicinity of someone who has tested positive by tracking my locations
- I can reduce the spread of my infection by automatically and anonymously notifying anyone I have been in contact with
- There is no burden of contacting people when I test positive
- Protect myself without lengthy sign-ups while protecting my privacy

Our three phase approach

Short term: Beat coronavirus spread to vulnerable communities now. Deploy before coronavirus arrives and give them a virtual defense.

Medium term: Allow communities to regain a sense of normalcy. When people start interacting with each other again, we give them a sense of confidence that even though the virus will come back with our system we can lock it down quickly.

Long term: Zerobase will be folded into the standard public health response. When outbreaks happen in the future, agencies, non profits, communities can quickly roll out our solution. The act of taking a simple scan action should be built into our instinct, just as we have natural instinctual responses to dangerous things. Never again should viruses take hold of our community's confidence and stability

Free, Open Source, and Community Built

Zerobase builds open source technologies for public health. We believe that innovative technology in strong communities will beat the coronavirus.

Designed and created by a team of dedicated expert volunteers from around the world working around the clock to deploy our smart tracing technology as quickly as possible to save as many lives as possible.

Free and open source. Built for real humans in need by real humans who care.

Deploy ZeroBase Today

Supercharge the effectiveness of every COVID-19 test in your area and keep your community safe.

Visit zerobase.io or email info@zerobase.io to enroll and start saving lives