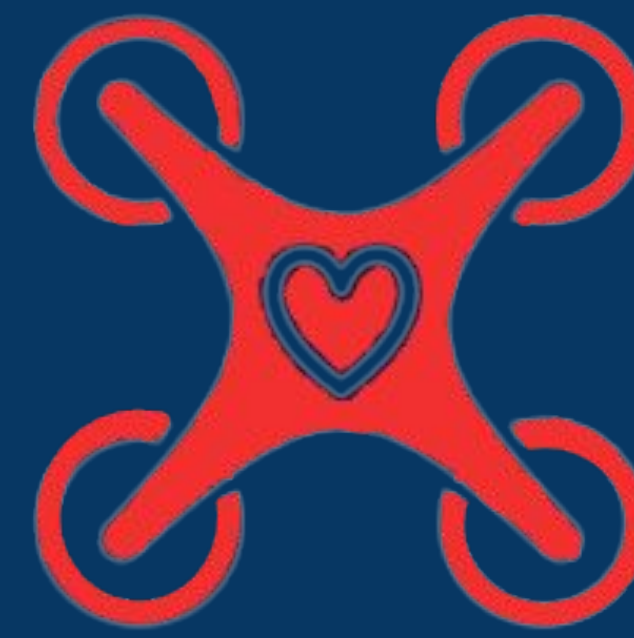


# AED Anywhere



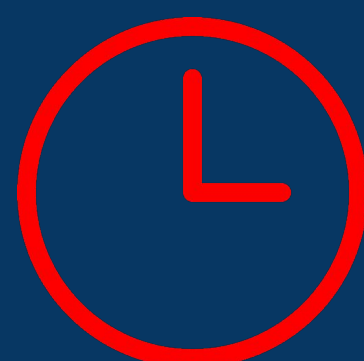
Braden Anderson, Kathleen Coleman, Pranav Chebolu, Miles Gordon, Natasha Setiadi, Brayden Drury

## How might we improve the survival rate for out-of-hospital cardiac arrests?

### Problem

**350,000**

heart attacks every year in the US



**14 minutes**

Is the average EMS response time in rural areas

Reducing time to defibrillation by

**1 minute**

would save

**20,000 lives per year**

### Key Insights

30,000,000 more static public AEDs would be needed to fully serve the US

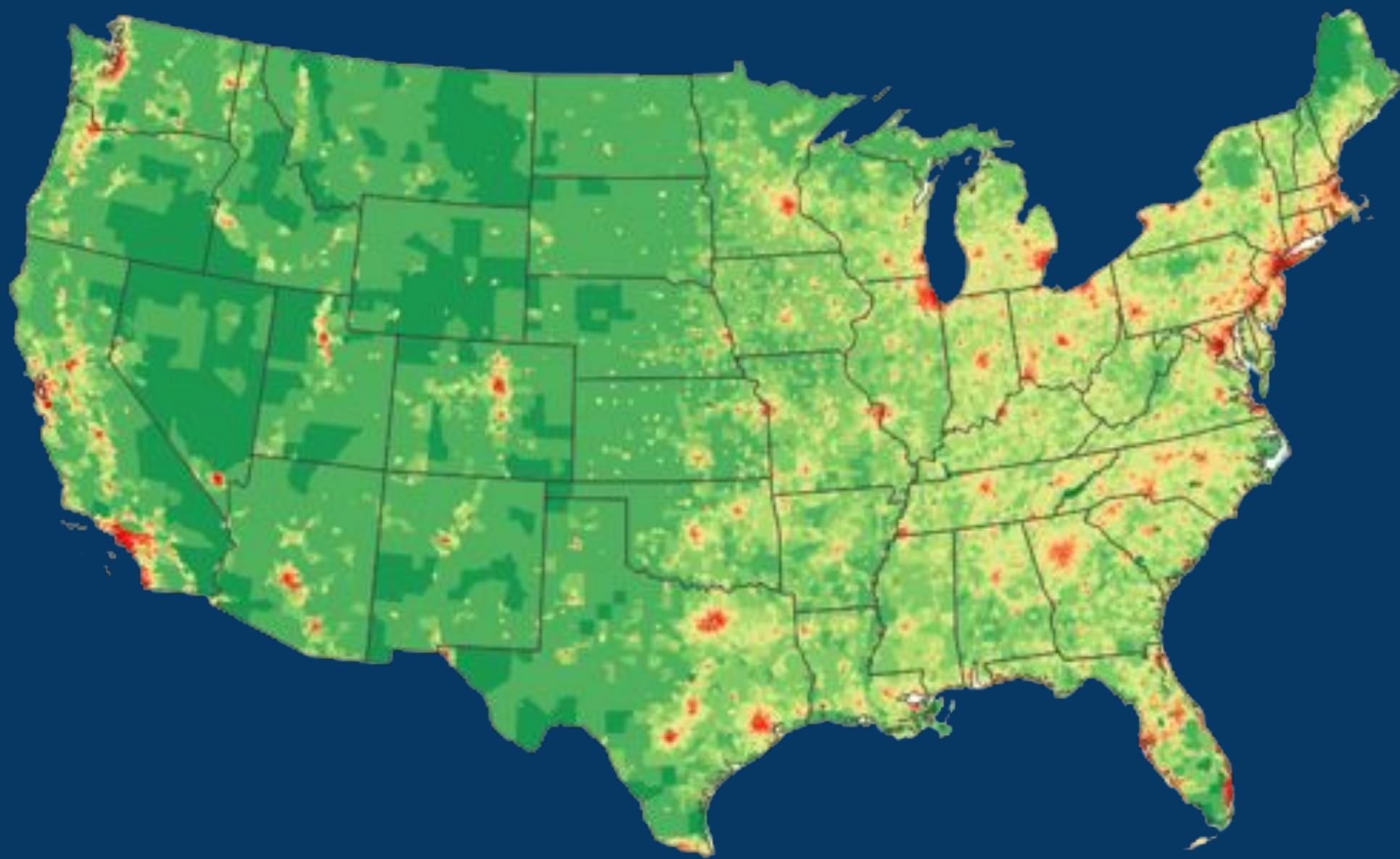
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Static AEDs only effectively serve a 600ft radius

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AED data is crucial for manufacturers, but modern AEDs cannot transmit that data

### Solution

- Use existing commercial and enterprise drone solutions
- Reduce weight and repackage the AED
- Integrate power supplies
- Integrate data transmission

### Population Density



The US' population concentration allows us to cover virtually the entire population with only a few thousand drones

### Mission

Our mission is to create a **network of autonomous drones** that can deliver AEDs anywhere, in a fraction of the response time of traditional ambulances.

### Potential

Just 1500 landing sites can cover 80% of the US population, and 10,000 sites can cover 99%

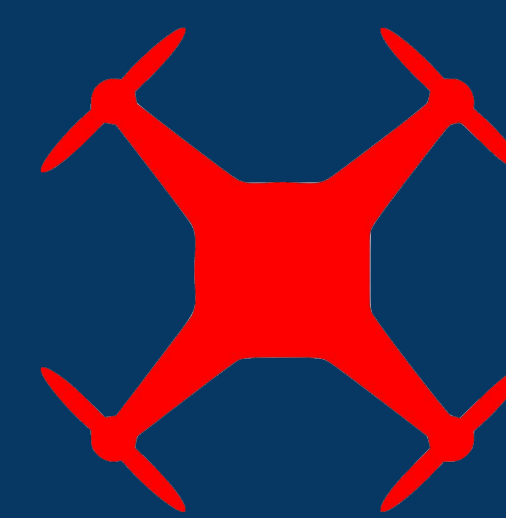
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Revenue from AED data alone could reach \$350 million a year



**Heart attack occurs**



**911 call is placed**



**Dispatcher deploys drone**



**AED is delivered**

