



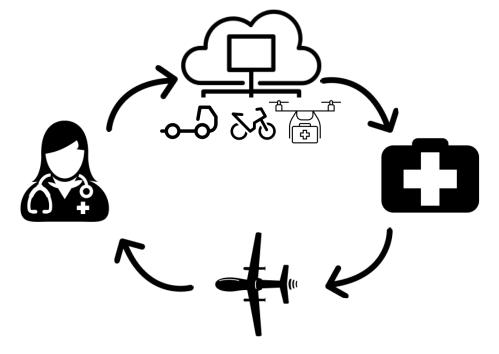
The Solution.

A platform that optimizes supply routes across a network of vehicles ranging from ground vehicles to autonomous drones, providing an end-to-end delivery solution that saves our users time and money.



How it works

Cloud platform picks vehicle type and routes available vehicle to nearby hospital.



Clinic requests

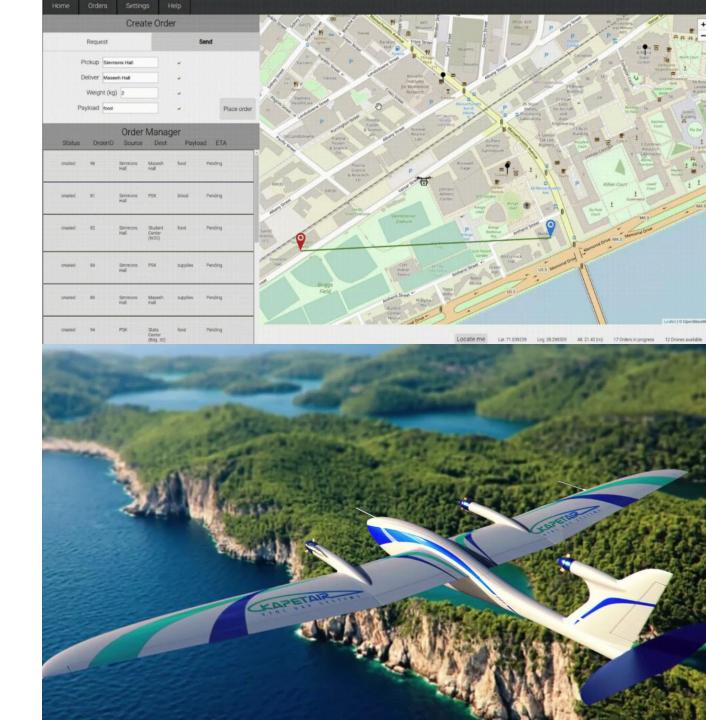
1L of blood.

Hospital loads package.

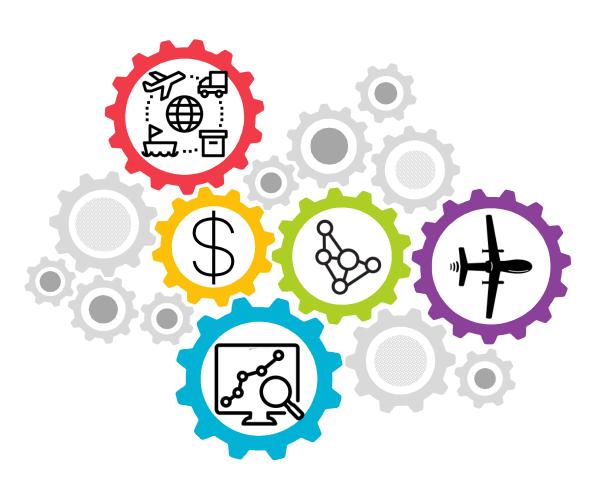
Drone deployed and is unloaded at clinic.

The Technology

Astral coordinates ground transportation with autonomous drones to provide a rapid, inexpensive, and on-demand delivery solution. This enables remote clinics to get the supplies they need quickly, and at a lower cost. Our technology utilizes route optimization algorithms and a suite of sensors on our drones to provide reliable transport every time.



Key Differentiators



FLEXIBLE

Platform that incorporates a variety of vehicles for varying terrain and conditions.

AFFORDABLE

Out platform continuously monitors drones and optimizes routes based on weather conditions and vehicle availability.

SOFTWARE

Optimized ground transport and logistics

RELIABLE

Out platform continuously monitors drones and optimizes routes based on weather conditions and vehicle availability.

ACCESSIBLE

Travelling at 100 km/hour, our drones cut down hourlong ground deliveries to 30 minutes or less.

Go-to-Market



MEDICAL SUPPLIES

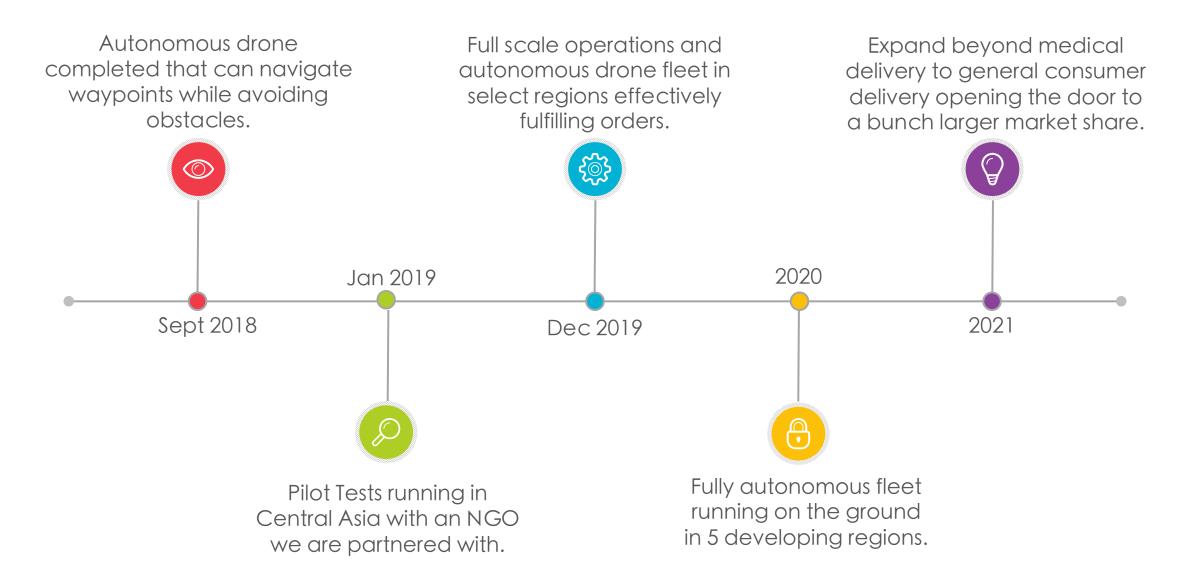
In Peru for example, local doctors report an average of 45 snake bites per month with no rapid access to anti-venom. In situations such as these, road access takes over 6 hours but can be done via drone in under half an hour.

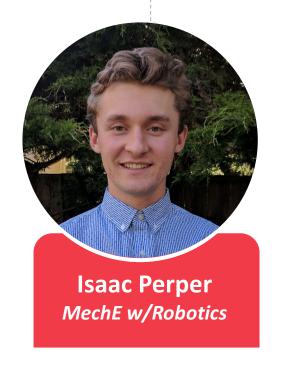


DISASTER RELIEF

In sub-Saharan Africa 85% of roads are inaccessible during the rainy season which cuts off huge swaths of the population. A typical route which can take up to 6 hours can be done within 35 minutes via drone.

Business Timeline











meet the team.













