

GREEN CORRIDOR FOR EMERGENCY VEHICLES

Creating a Dynamic Emergency
Vehicle Movement Mechanism



A resilient and smart system that effectively coordinates vehicle location, route navigation and traffic lights to ensure shortest route and fastest travel time for the emergency vehicles to reach their destination while having minimum impact of general traffic and utilization of manpower and other resources. In case of a medical emergency, the patient's health status and hospital information is integrated to provide the required help in time.



IMPACT



Reduced travel time for vehicles like ambulances and fire engines in case of an emergency



Can prove to be life saving in the case of medical emergency, fire, disaster management



Better response time for citizens in need of emergency services



Reduced police workforce to manage green corridor



Reduced organ (for donation) wastage due to transportation



Less impact on traffic, saving fuel and time of other citizens on the road

CITIZEN BENEFIT



More lives can be saved during health emergencies



Organs for transplant can be transported without traffic hassles



Help in an emergency situation can reach in time when required e.g. police and fire engines can reach the site faster

HOW IUDX MADE THIS USE CASE BETTER AND EASIER TO BUILD?

- Use cases built for one city can easily be ported to another
- Opportunity for partners to scale engagement across multiple cities with IUDX facilitation
- Easy access to city data held by city administration, which otherwise might be difficult to obtain.
- IUDX acts like a bridge between city specific implementation and global standards.
- Reduced development cost as IUDX provides an open source foundation to build upon, with standard interfaces simplifying implementation.
- For this use case, IUDX acts as a bridge between implementation partners, city officials and vendors.
- IUDX ensures high quality of data