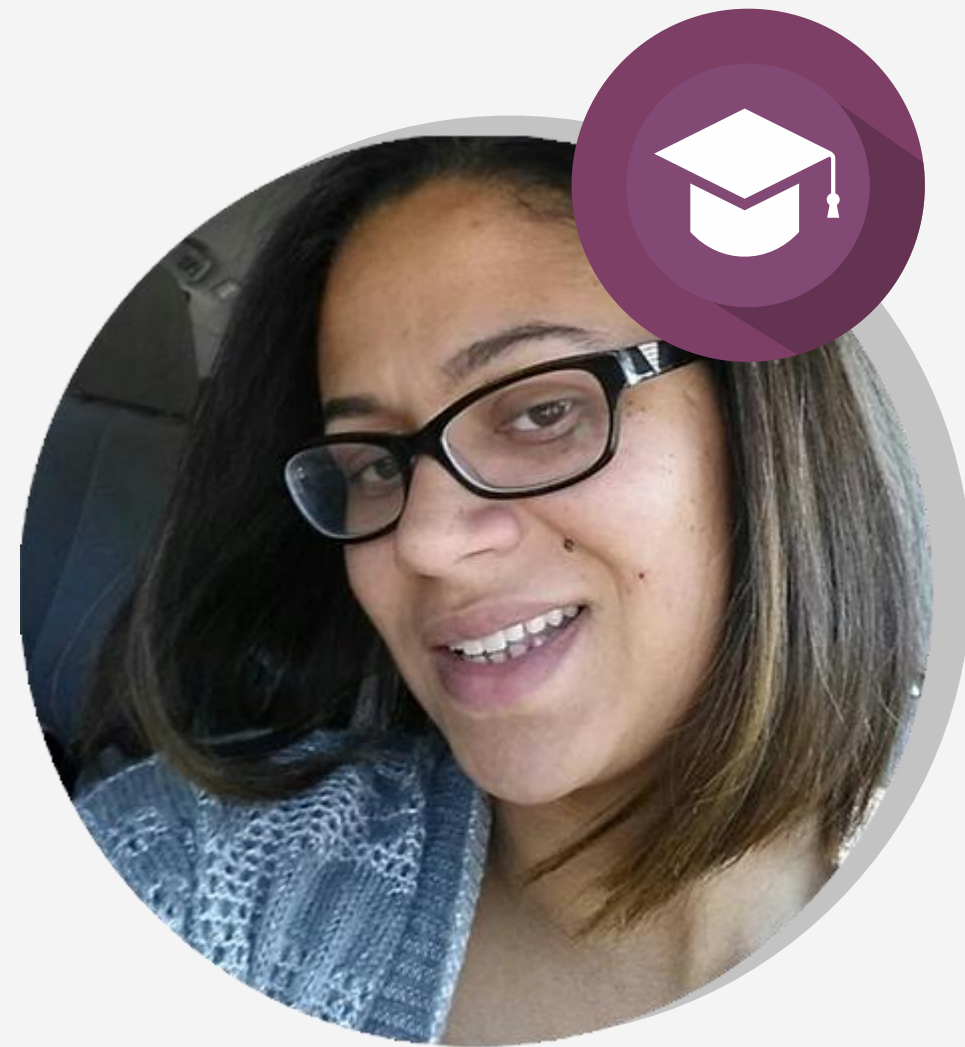




How to Avoid Traffic Accidents at US Crossroads

Founder



Rita Martins

Founder

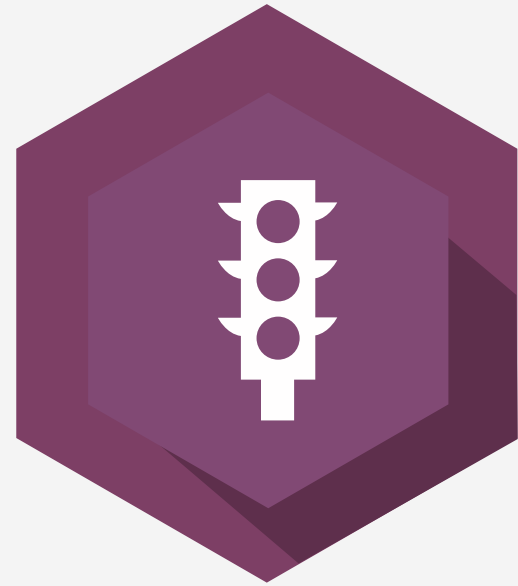
Our Team

This is an initial project, with future possibilities for team growth.

Objective

As the world changes, so does technology and this system is the new generation of intersection control system. I am Rita, founder of the project and am here to present my idea that will help reduce accidents.

What is the problem?



Nearly 700,000 police-reported motor vehicle crashes occur annually at stop signs, and approximately one-third of these crashes involve injuries. The purpose of this study was to develop a better understanding of the crashes that occur at stop signs and to identify potential countermeasures. There are places in the country where some vehicles can cross at the same time. If someone does not respect, an accident can occur.



Crash often occurs at intersections because these are the places where two or more roads cross and activities, such as turning left, crossing and turning right, have the potential for conflicts that result in failure.

Conclusion

This is a problem that increases the number of accidents and deaths in transit. Between 2005 and 2007 there were 246,385 accidents at intersections. 31.3% were traffic stop sign.

Important Informations

37K
peoples

Die in road crashes each year

8.000
peoples

Are killed in crashes involving
drivers ages 16-20

2.35M
peoples

May be injured or disabled

230,6
billion

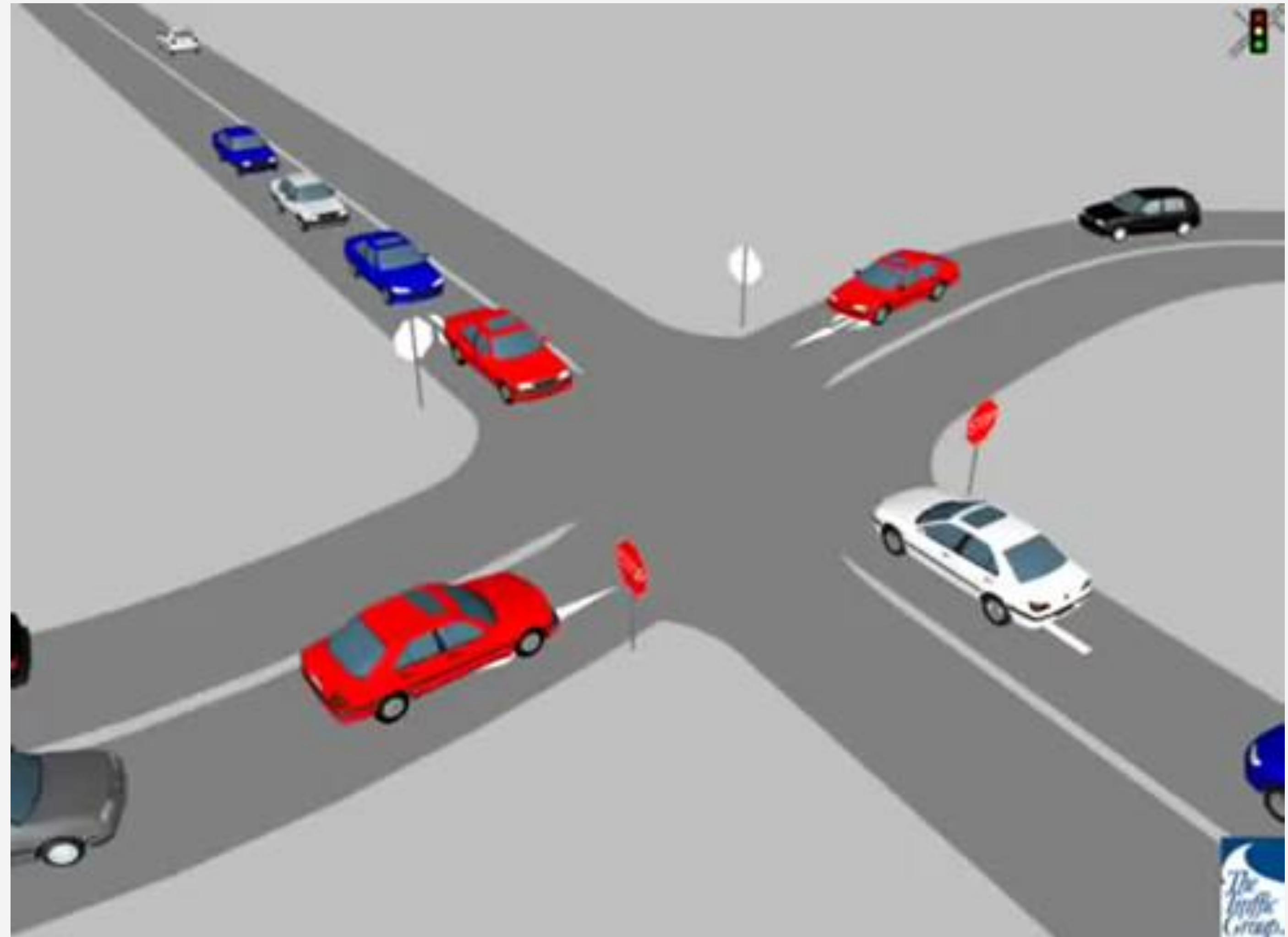
Or \$ 820 per person per year
were spent on road traffic
accidents

1600
children

Under 15 years of age die each
year

Road crashes are the single greatest cause of
death of healthy U.S. citizens traveling abroad

Example



Our solutions

Using a stop sign with led lights with optical camera that would identify who come first at the intersection and queue them the order to move.



When a driver is identified, the system would notify the first person who arrived and release the ticket.



The same thing happens with other drivers. The ticket is released on a first-come, first-served basis



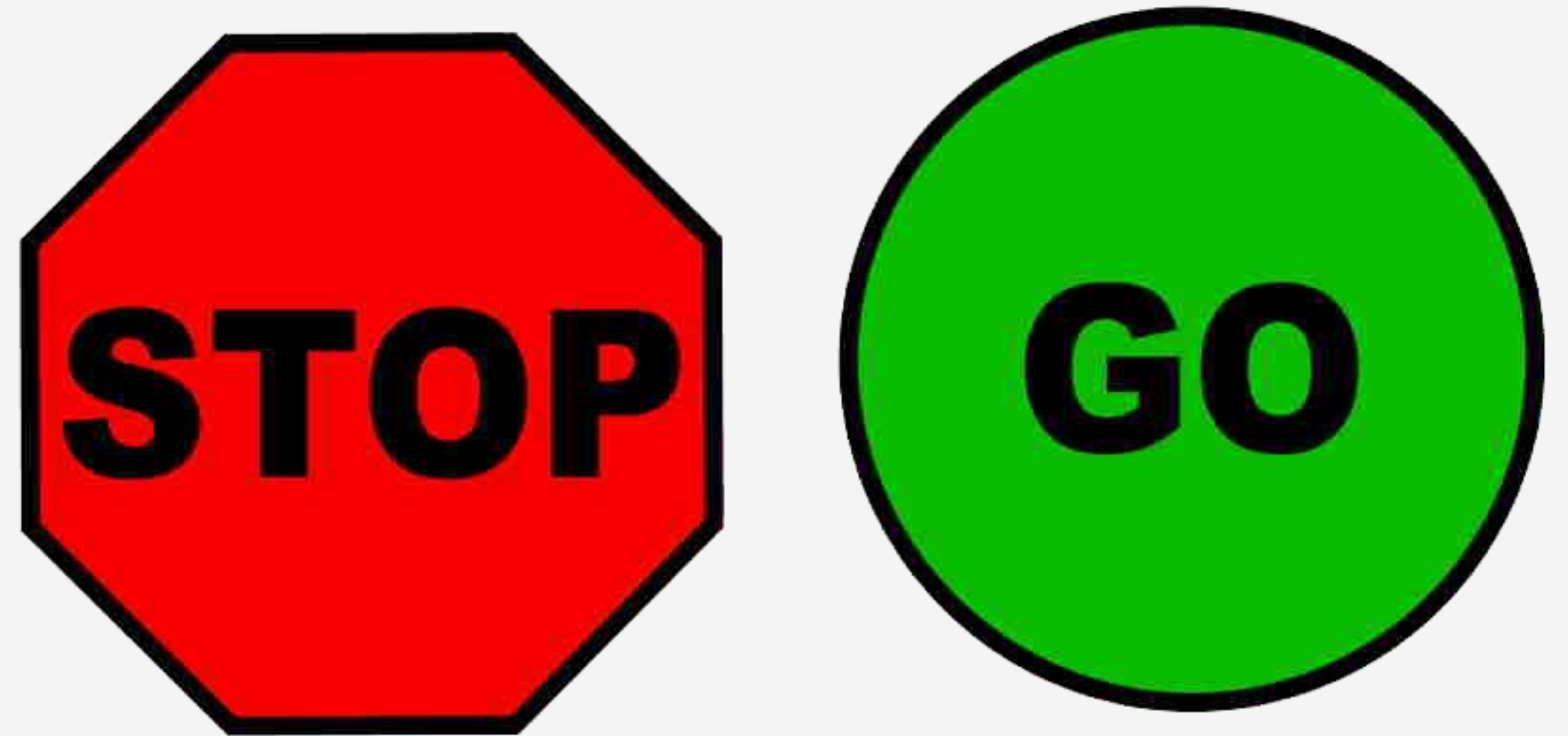
This would happen continuously, avoiding possible traffic accidents.



Example

How it works?

When the drivers arrive at the intersection
if it is their turn it will display **GO**
and if it for them to wait for it will display
STOP.



Our advantages



The number of deaths
and traffic accidents
would reduce



Transit would be a safer
place

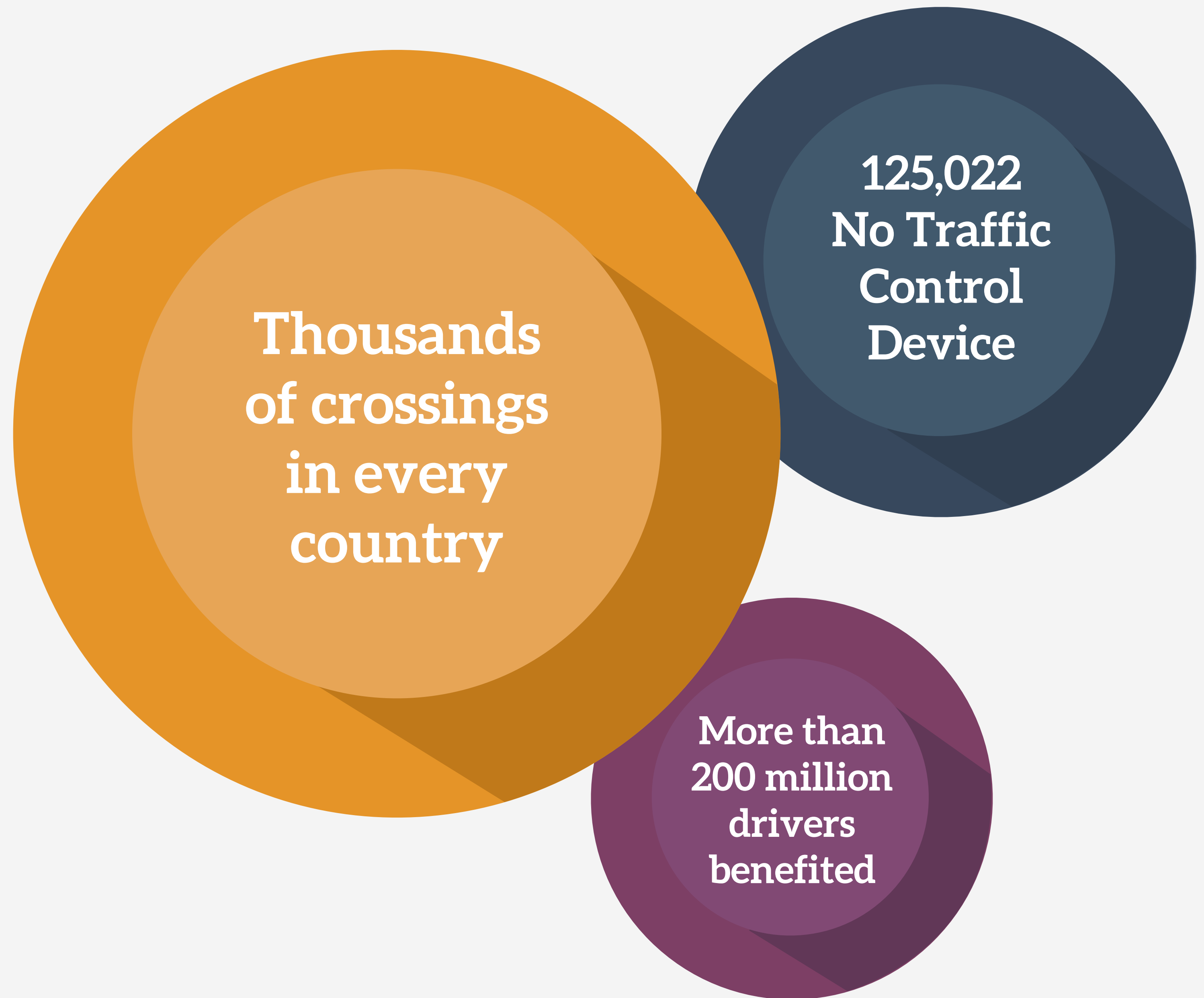


People would be more
patient and wait their
turn.

The market

Market opportunity

The road safety market is expected to exceed over USD 6.0 billion by 2022 owing to the increased road fatalities leading to the emerging need for road safety and security. Constant need for public security and road safety, new infrastructural development and longer commuting is expected to augment the industry growth.



Contact

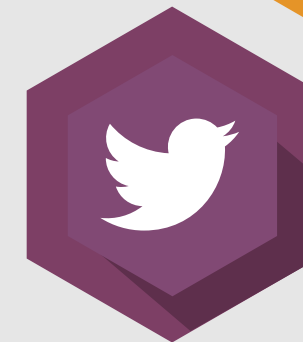
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