

In recent years, there has been a significant increase in reports of car thefts in Toronto. At the same time, the police force has faced criticism for using excessive force against Black individuals. We propose three methods to track and detect stolen vehicles: perception, remote intervention, and multi-factor authentication. Utilizing the 5G network, we plan to implement real-time data transmission of camera data to monitor vehicle status and enable the remote deactivation of car engines.

We have identified five stages: Infrastructure, Pilot project, Collaboration, Mass implementation, and Diversity in the successful implementation of our service. Cameras will be incorporated into traffic lights and the renovation will be funded by government taxes. Traffic data collected by the camera will be securely stored in government facilities to ensure the privacy of individuals. Three stakeholders that will benefit from the service include: Taxpayers, Law Enforcement and the Government.