MAKING CYBERCOM

Based on Cybercom's values and inclusive culture, we are developing skills, client offerings and employees.

This is how we are making Cybercom.

Cybercom Innovation Zone
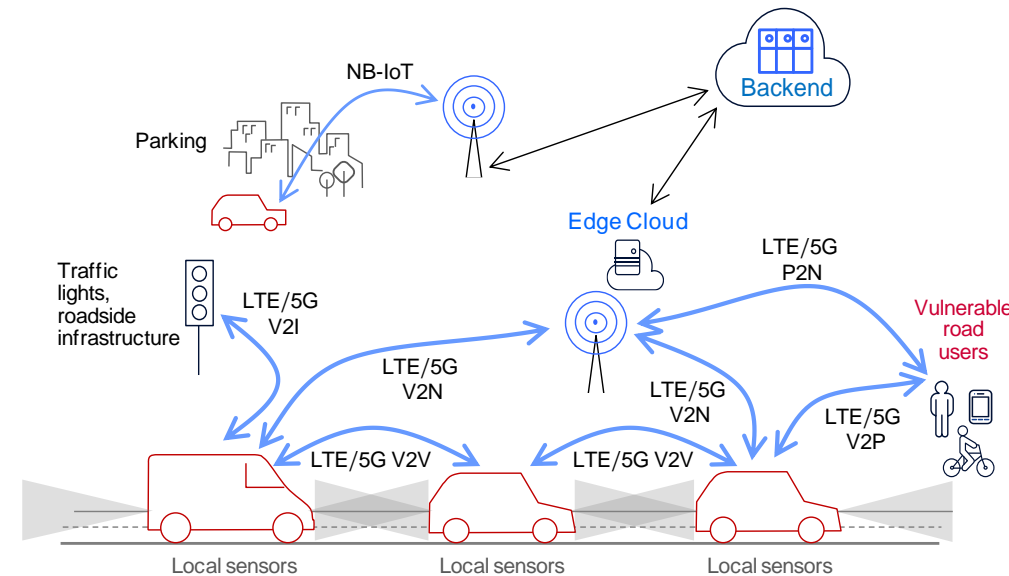
V2X – feature development

Backgroud – *Vehicle-to-everything (V2X) communication is the passing of information from a vehicle to any entity that may affect the vehicle, and vice versa. It is a vehicular communication system that incorporates other more specific types of communication as V2I (Vehicle-to-Infrastructure), V2N (Vehicle-to-network), V2V (Vehicle-to-vehicle), V2P (Vehicle-to-Pedestrian), V2D (Vehicle-to-device) and V2G (Vehicle-to-grid).´The main motivations for V2X are road safety, traffic efficiency, and energy savings.*

Through its instant communication V2X allows road safety applications such as :

- Forward collision warning, Lane change warning/blind spot warning

- Emergency Electric Brake Light Warning

- Intersection Movement Assist, Emergency vehicle Approaching

- Roadworks Warning, Platooning

Solution/Tasks

- Study the Cybercom V2X stack and framework
- Set up environment for development and simulation
- Propose based on above and develop a feature for XXX and evaluate based on the simulation

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