

## **The ITS Canada 2021 Mobility Award for Smart Mobility - Connected Infrastructure recipient is Kapsch TrafficCom's *Emergency Vehicle Corridor Project, Calgary***

Kapsch delivered an emergency vehicle (EV) service corridor in Calgary, Alberta. The corridor comprises 16 contiguous intersections and uses Kapsch hybrid (DSRC/C-V2X) RIS-9260 roadside units (RSU) at the roadside, and Kapsch OBUs in EV firetrucks to enable emergency vehicle pre-emption services. When the vehicle sirens are active, the traffic lights will automatically become green and enable the EVs to speed through



crosswalk.

the cleared intersections, thereby saving vital time and in some cases, ultimately lives. The system is managed by the Kapsch Connected Mobility Control Center (CMCC). As part of the project, Kapsch has also installed its smartphone-based eWalk system at the Calgary intersections. The system enables pedestrians, in particular the visually impaired or other pedestrians with special needs to safely cross the street by using connected transportation technologies and audible smartphone notifications that activate whenever the pedestrian is near or in a signalized