

LOCAL GOVERNMENT APPLICATIONS

Area	Application	Benefits
Parking	Put in a system of meterless parking that can generate revenues for the council Assist users to find empty spots on the street and in the parking lots Minimize the requirement for parking rangers	Cost savings in placement/ maintenance of meters Citizen welfare Cost savings
Event Management	Estimate Crowd density and publicize it on Council websites so that citizens can use the information to decide where and when to participate. Use this traffic data to understand the crowd behaviour and measure the success of the event. The data can also be used for planning future events. Help find missing children at events Manage VIP access Alert for any overcrowding incidents Identify illegal parking that is blocking the traffic	Citizen welfare & planning Citizen welfare Cost saving and citizen welfare Safety Citizen welfare & revenue generation
Workshops and Garages	Prevent Theft Provide predictive maintenance on equipment	Asset Management Maintenance cost savings
Library	Count the traffic into the library as well as the demographics of those entering so as to provide a better service Understand how long people spend in the library so as to be able to provide a better service to users and ensure better staff scheduling.	Citizen welfare Citizen welfare and cost savings through improved efficiency
Swimming Pool	Ensure no one enters the pool when it is not meant to be used.	Safety
Rubbish Dump sites	Ensure vehicles only dump their rubbish in prescribed areas Identify the culprit of any illegal dumping or dumping of extra large items Smoke and fire detection in an open air environment	Citizen welfare and savings in cost of clean up Cost savings in managing the facility Safety
Council Building and other structures	Detect and prevent graffiti by being able to identify those involved immediately Detect slips and falls Detect acts of vandalism (eg around the local war memorial) and be able to identify those involved and track them till they are apprehended. Protect bridges Detection of homeless people at or near public buildings.	Large savings in clean up costs Reduction in public liability costs and citizen welfare Savings in clean up and repair costs Safety Citizen welfare and safety
Day Care Facilities	Ensure that only authorized adults pick up children Ensure children are well cared (eg no aggressive behavior etc) for during the day	Safety and citizen welfare Safety and citizen welfare
Shopping Precinct & Public Areas	Understand people traffic in different areas - how many people, how long they spend in each area, their demographics - to enable the council to provide better services to their citizens and better information for their retailers. Detect slips and falls Detect fights Detect and prevent graffiti by being able to identify those involved immediately	Citizen welfare - could be revenue generating Savings in public liability and citizen welfare Savings in public liability and citizen welfare Savings in clean up costs
Parks	Detect rubbish that is dumped in the park and detect the vehicle involved capturing its plate Detect fighting Detect aggression and ensure users of the park can be safe Detect loitering Detect vandalism Detect accidents. Detect homeless persons sleeping in the park Detect smoke and fire	Savings in clean up costs Citizen welfare Citizen welfare Citizen welfare Citizen welfare Citizen welfare Citizen welfare & Safety Safety
Roads/Streets	Detect red light violation on roads Detect speeding on the roads particularly near school zones/parks Count the number/types of vehicles on significant roads to understand traffic flows, plan road maintenance and optimize traffic lights Detect if oversized vehicles enter a restricted road Detect accidents at key locations such as school zones/ junctions in real time and automatically advise emergency services Detect Jay walking Detection of hawker stands outside designated areas Blocking of pedestrian walkways by hawkers	Prevent accidents and revenue generating Prevent accidents and revenue generating Improved efficiency for citizen welfare Safety and citizen welfare Safety and citizen welfare Safety and revenue generation Safety and citizen welfare