

Abstract

Security of the citizens linked not only with the business activities but also allow an individual to do the routine tasks with more sustainable environment. A solution to public safety are costly and ultimately tax payer community of the city will be charged when such big project implements its services. Less interaction of public makes it difficult for the police force to arrest the culprits and to carry investigation in smooth way. Ultimately we can observe the stinging boost in incidents having similar patterns while executing and escaping plan. Smart Surveillance plays an important role to bring the change in reporting an incident. The Smart devices such as sensors or actuators installed on the roads are the key components of any Smart Surveillance System. This brings the more agility to the system also provide a way to do the task proactively rather than re-actively. This will enable the security agencies to do better planing and take sharp actions in the case of any emergency. Moreover, the interference of Cloud Computing capabilities can change the way of traditional surveillance applications. The use of IOT with the extension of Cloud(Fog Computing) is the modern way to manage the security gadgets of the Field Forces. The investigation done in this research focus in deploying a smart surveillance Fog-enabled approach to reduce the action time of helping agencies. The objective is to allow optimized the journeys of an individual, by introducing RFID based passing system to report an incident to the nearest Field Force. This will bring improvements in consumption (energy, CPU and network usage) aspects in comparison to the traditional reactive approach. The evaluation is monitored in a set of experiments over a simulation environment, which proves that the proposal outrun the reactive approach.