Draft – For Discussion Purposes

IOTaB Public Safety Ad-Hoc Group

Overview

- Ad-Hoc Group Members: Maria R., Nicole C., Mike B., Ann M.
- Advisor: Barbara C.
- Kickoff Meeting Held: Wed, Mar 1 1-2pm ET
- Follow-up Meeting Held: Apr 13 5-530pm ET
- Mike B. requested to be removed from the Public Safety Ad-Hoc Group
- Overall Focus Areas for Discussion: Barriers of IOT Adoption, Achieving Overall IOT Value

Ad-Hoc Group Challenges

- Coordinating busy calendars of subcommittee members
- Maria R. and Ann M. were the only two members that joined the Apr 13 follow-up meeting

Report Section Outline

Barriers to Adoption for IOTaB

- Education – a barrier and an opportunity to advance IOT adoption

In-scope

- Autonomous Vehicle Infrastructure
- Smart Traffic and Transit (another ad-hoc)
- Fire, Rescue (EMT), and Police Equipment/Devices – onsite, in office, critical infrastructure
    - Health, environmental most widely used IOT areas
- Communication between departments – radio to IOT
- Preemption (traffic lights) – collision between PS resources
- Cameras (license plate readers), portable devices, facial recognition – multi-functional devices
- Does a reference exist that outlines/itemizes ALL the IOT devices used for public safety purposes
- Local, County, State, Federal, Tribal, Combination (weather across multiple states, conflicting info, tsunami alert)
    - SLTT (state, local, tribal, and territorial) – Guam, Native American Reservations
- Data Management, Data Standards, Data Privacy; Cybersecurity
- Biometrics (NC state sensors inserted in clothing, hostage pilot)
- Crisis training (public safety resource vitals)
- 1 crisis itself, 2 individuals in crisis, 3 resources deployed for the crisis
- Local – large fire (32 apartment bldg., gas line cut, multiple fire depts, Gaithersburg NIST area), Federal – targeted issue
- Distant IOT
- Monitoring IOTs
- GPS
- Environmental monitoring devices
- Robotics

Out of scope

- Deployments of US teams for international public safety crisis and needs
- Personal Safety

Next Steps

- NIST Public Safety Group ($31M fire fighters devices project) (Allison Kahn)
- NIST Fire Research Group (firefighter, deer, robotics)
- WIP – speaker names