



First Responder Location Technology

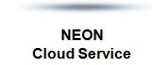
NEON Equipped Individual



NEON Location Service

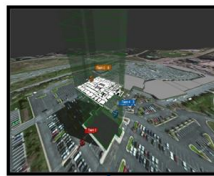


LTE



NEON Cloud Service

3D Visualization



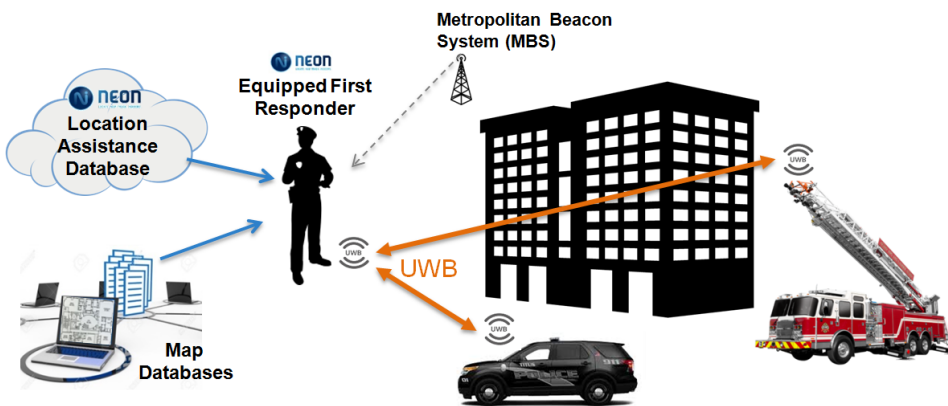
NEON Command Software

NEON Personnel Tracker Solution

- Android application deployed with wearable accessory or embedded in 3rd party device
- Location calculated using inertial, basic map information, BLE, UWB, inferred map data
- Command display supports 3D mapping and real-time visualization of user location/tracks

- Delivering high accuracy 3D location for first responders
 - Fusing multiple technologies (inertial, map data, BLE, UWB, terrestrial beacons)
- Making available comprehensive map data sources and tools
 - Expanded use of known and inferred building information
- Delivering easy to use 3D visualization
 - Collaborative map databases that are easy to validate & synchronize

Proposed Solution Architecture



Team Members



ARLINGTON COUNTY FIRE DEPARTMENT



Harris County Public Safety Technology Services

