



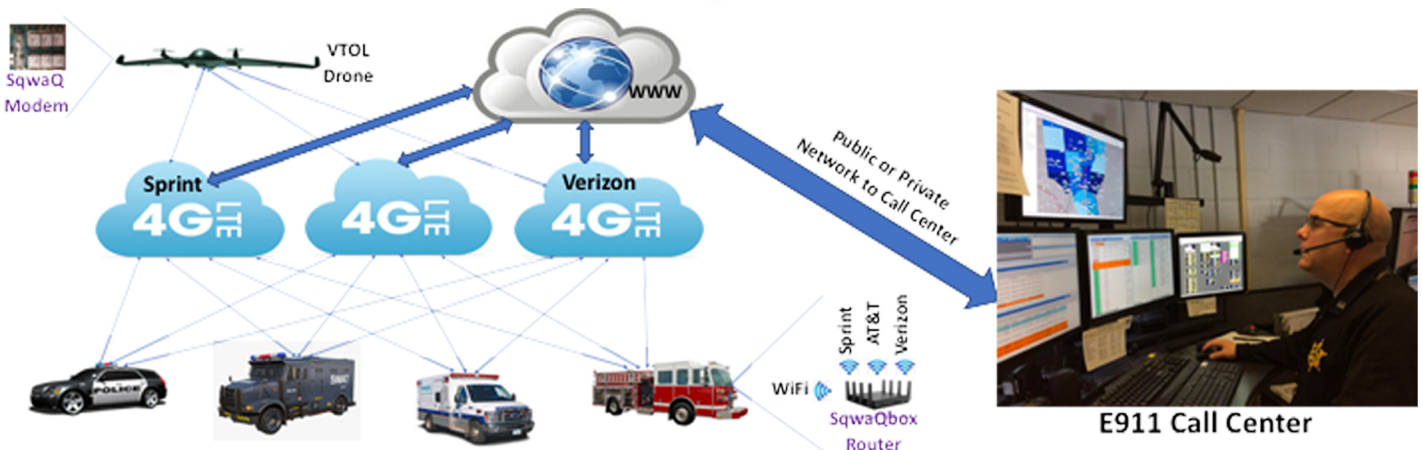
PUBLIC SAFETY

EMERGENCY MOBILE & AERIAL APPLICATIONS

Public safety experts and the first responders continue to look for ways to improve the safety of their constituents. In emergency situations SqwaQ can provide critical data networking solutions to improve public safety. SqwaQ is an MVNO (Mobile Virtual Network Operator) aggregation service provider – offering solid connectivity using multiple cellular networks for Mobile or Aerial high bandwidth needs of n x 4G LTE cellular bandwidth aggregation.

Listed below are a few applications where we could assist First Responders:

- Improve overall quality of the communication between First Responders
- Deploy UAVs as needed for eyes-on surveillance that all First Responders can view
- Provide high bandwidth mobile routers to any First Responder vehicle
 - Multiple, hybrid, and redundant 3G/4G LTE cellular links (mobile or aerial)
 - Robust bandwidth using n x 4G LTE channels of best cellular networks for up/down bandwidth needs, including multiple live HD video streams





PUBLIC SAFETY APPLICATIONS

Public safety is a wide-spread network of organizations working together to make our life's safer. Advanced technology is already in many places that enable these first responders and specialty teams to function in a cohesive manner. As an example, FirstNet is a service offered in many locations which provides a highly prioritized communication solution, but it is not ubiquitously deployed throughout the USA. In those locations where FirstNet is not available, or there are coverage areas that are spotty, we can help. There are many areas where SqwaQ can provide excellent data connectivity, some of which include the following:

POLICE AND POLICE VEHICLES:

- Squad cars – offering live video feeds to command and control sites
- Body cameras – WiFi to router with encryption of live video feeds
- Helicopters with video feeds to track car chases or manhunts using InfraRed
- SWAT Vehicles for advanced connectivity or research on criminal activities
- Command Control Hubs – vehicles that are the main point for communications
- Drones that can be deployed for missing persons situations or boarder crossings

ER AMBULANCES

- Direct communication services to the hospital(s) being used in the emergency situation
- Helicopter Ambulances if medivac is needed, to provide connectivity to the hospital and their team prior to delivery of patient

ADVANCED E-911 SYSTEMS

- Systems exist and more solutions are coming to augment E-911 systems to deploy on demand FAA approved drone missions to get to the locations as quickly as possible for a live aerial video feed to be available to the first responder team

FIRE ENGINES

- Provides high bandwidth connectivity to fire trucks if needed for collaboration or video feeds from drones to assist containment.
- Command and control for primary fire truck communications


DISASTER RECONNAISSANCE & SURVEILLANCE VIA DRONES (ROTOR OR VTOLS)


- Wild Fire Containment – Use drones to capture video feeds of fire and changes – drones can go where it is too dangerous for helicopters and/or their pilots to go.
- Helicopter collaboration to drop chemicals on wild-fires
- Video Feeds for news and command and control
- Natural disaster reconnaissance to check power lines, towers, communication lines, &/or pipelines for safety concerns or dangerous chemical leaks/spills



SQWAQ FOR FIXED/MOBILE/AERIAL BANDWIDTH

SqwaQ is providing MVNO (Mobile Virtual Network Operator) service offerings across diverse cellular networks for Fixed/Mobile/Aerial high bandwidth needs of n x 4G LTE. Our market Verticals include: Oil & Gas, Aviation, Drones, Utility, Pipeline, Security, GIS, Construction, Smart Agriculture, Public Safety & Emergency Response, DOD, DHS, and Telemedicine.

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