SqwaQ

SECURITY APPLICATIONS

Unmanned Aircraft Vehicles (UAVs/Drones) can be used in many "security" situations to offer safer ways to monitor people, property, or events. SqwaQ can provide the data connectivity via n x 4G LTE channels for fixed cameras or drones carrying cameras for mobile surveillance. Security has a broad range of meanings, let's look into several examples of how UAV's can be used in Security Applications as listed below:

EXAMPLES OF LIVE CAMERA SURVELLIANCE

- Perimeter surveillance of restricted areas, like power plants/water treatment

- Jails/Prisons during suspected escape events or contraband drops

- Large event monitoring with live video feeds to watch crowd movements

- Boarder security, especially at night where IR cameras can detect people

- Police manhunt searches using live video & IR to monitor suspects

ENABLING LIVE VIDEO/SENSOR INFORMATION

- Providing connectivity to drones and their sensor information with GIS input, can provide multiple team members with live video feeds with less than get 1 sec delay to help make real time decisions on what to do next.

- Bandwidth in the sky is not ubiquitous in all areas, and protection of sensitive information is demanded in these situations. Allow Sqwaq to select the best LTE network at the site while providing encryption and prioritization of the traffic needed in these urgent situations.

REMOTE CAMERA SECURITY

Security Cameras maybe a good deterrent—most criminals do not like to be video recorded, but if it does not stop the nefarious activities at least it is recorded. Best practices will have video recordings sent to a video storage provider on the cloud so criminals do not remove or destroy the recordings.

CONSTRUCTION SITES OR REMOTE LOCATIONS WITHOUT BROADBAND SERVICE PROVIDERS

If you want to use security cameras at locations where there are no wireline service providers or at construction sites without broadband services options, use our ruggedized router with LTE connectivity. This option can use the LTE signals of various LTE providers and combine the bandwidth of 3G/4G signals for live video transmission over SD-WAN network. See block diagram below

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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