

AIRBORNE COMMON OPERATIONAL PICTURE (aCOP)

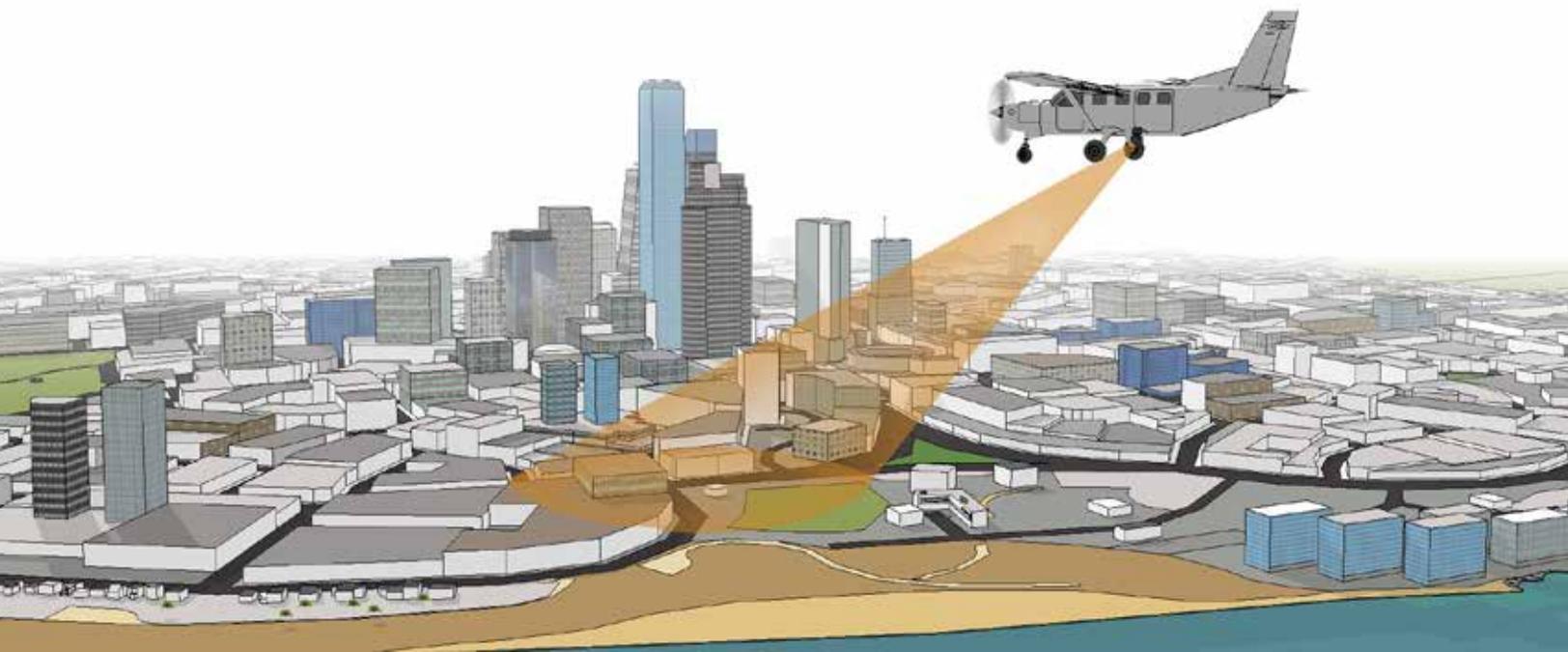
Share data between multiple operators on a mobile map



- aCOP's intuitive User Interface builds situational awareness and communications while in the field.
- Officers and operators in the field have hand-held access to critical information on the go.
- Communications with voice or text.
- Real-time location of users displayed on map.
- Moving-map displays location and status of other Officers and operators.
- Real-time information shared between Officers in the field, airborne surveillance and dispatchers.
- Operators can use "John Madden" style screen markup to relay information such as threat positions or locations of concern by directly writing on map.
- Multiple simultaneous users can all receive streaming surveillance video.

Integrate airborne surveillance into boots-on-the-ground activities

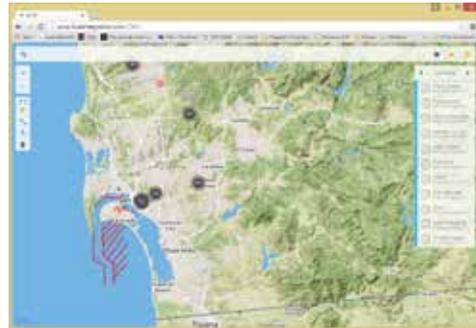
When operating in austere environments teams are able to better coordinate activities when sharing a Common Operational Picture of team-member locations, landmarks, targets of interest and visual communications. aCOP is a lightweight COP that is built for intuitive ease of use when sharing map-based data and video surveillance between many users. Encrypted with AES, it is an Android and browser based tool built to operate in a secure private network.



AIRBORNE COMMON OPERATIONAL PICTURE (aCOP) (CONTD.)

Network Architecture provides optional flexibility and range

- Airborne server includes embedded mesh network radio
- Mesh network range up to 26 miles per hop with up to 8 successive hops
- Stand-alone network enables operations in remote environments
- Encryption ensures security of sensitive law enforcement data.
- System can be customized to connect to public networks to further extend capabilities



Portable hand-held device provides SA and Communications on the go

- System functions over a private, secure mobile network with connection directly from the air to ground
- Ground radio provides high bandwidth network connection supporting streaming video from the aircraft to over 100 simultaneous ground users.
- Video voice and location data are all integrated into the intuitive COP application

