GSMA

GSMA INTERNET OF THINGS PROGRAMME

SHAPING A BETTER FUTURE WITH DRONES?

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Current Drones Interest Group Members

GSMA Regulatory Position on Drones

GSMA have created a policy position, on behalf of the mobile industry, to explain to policy makers and regulators the benefits of using mobile networks to provide 'cellular connectivity' to drones, which are:

- Support of unmanned traffic management solutions and no-fly zones
- Identification and registration schemes can be made possible for drones
- Tracking of drones can be enabled assisting law enforcement
- Mobile networks have a track record and useful tools to ensure privacy and data protection.

Mobile technology is a great enabler for the emerging drone market as:

- Infrastructure already exists & wireless services can be used for communications using commercially available licensed spectrum

The position paper is available at gsma.com/iot/iot-knowledgebase/drones

Mobile Networks Enabling Unmanned Aircraft

The paper provides an overview for the different stakeholders in the drone industry (regulatory authorities, law enforcement, drone manufacturers, drone pilots, etc.) about the existing mobile network capabilities that are relevant for UA operations.

- The document provides information about:
- Example of Use cases and how they benefits from mobile networks
- Set of capabilities of mobile networks
- 3GPP work and results for UA.
- Brief description of UTM architecture and features.

This document is available from: gsma.com/iot/mobile-enabled-unmanned-aircraft/

Today's Speakers on Drones

Globe UAV: Joerg Brinkmeyer, CEO

Skyward, a Verizon Company: Matt Fanelli, Director of Strategy

Infineon: Lars Wemme, Head of Product Line Mobile Security