A large, circular network diagram in red lines on a black background, with various icons in white circles connected to it. The icons include a signal tower, a network node, a padlock, a classical building, a city skyline, a car, and a drone.

GSMA INTERNET OF THINGS PROGRAMME



**SHAPING A BETTER
FUTURE WITH DRONES?**

GRAHAM TRICKEY
Head of IoT, GSMA

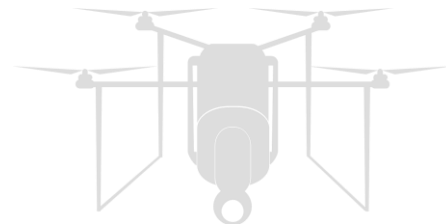
Current Drones Interest Group Members



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

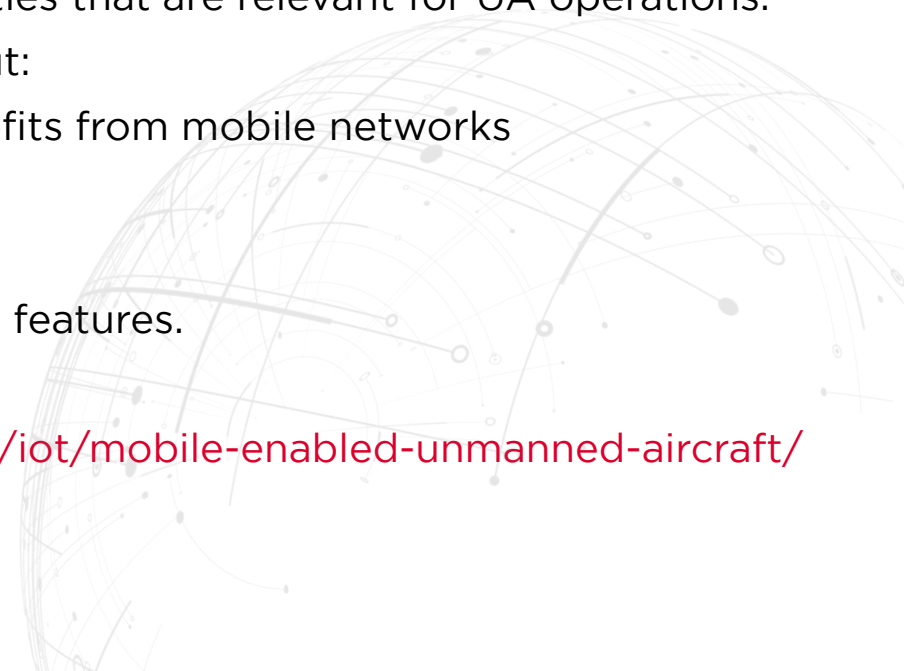
The position paper is available at [gsma.com/iot/iot-knowledgebase/drones](https://www.gsma.com/iot/iot-knowledgebase/drones)

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

