Drone Identification & Authentication

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Creating a Better Future with Drones

Rapid growth in the drone market due to shift from toy to professional drones

Trend

› **Shift** from toy towards **professional** applications

› **Strong market growth** – US$100 Billion

Growth

Multi application

› **Multi-function** & applications platforms developing

› Creating a new **eco-system** – Hardware to services

New ecosystem

Regulation

› Standards & **regulation** arising

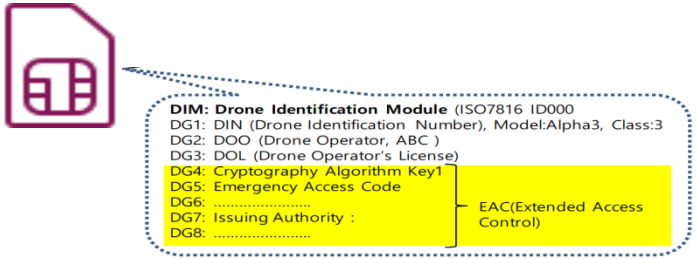
Regulation drives security for drones

Several activities regarding **regulation** for drones are **already ongoing** and focusing largely on **security**

Suggestion of a
Drone Identity Module

Requirements discussed in ISO SC 17

SIM form factor & **eGOV** principles



Possible use case for connected drones based on eSIM solutions – Drone ID (remote)

- Cellular connectivity supports security
- eSIM supports communication and regulation requirements

Further security use case implementations

- **Drone ID**
- **Battery & Ancillaries Authentication**
- **Protected Control**
- **Protected Communication**

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