

ICAO DRONE ENABLE/2 Symposium Chengdu, China September 13, 2018

**White Paper Presentation** 

A Decentralized Solution for Integrating Large Scale UAS Operations into Future Aviation System







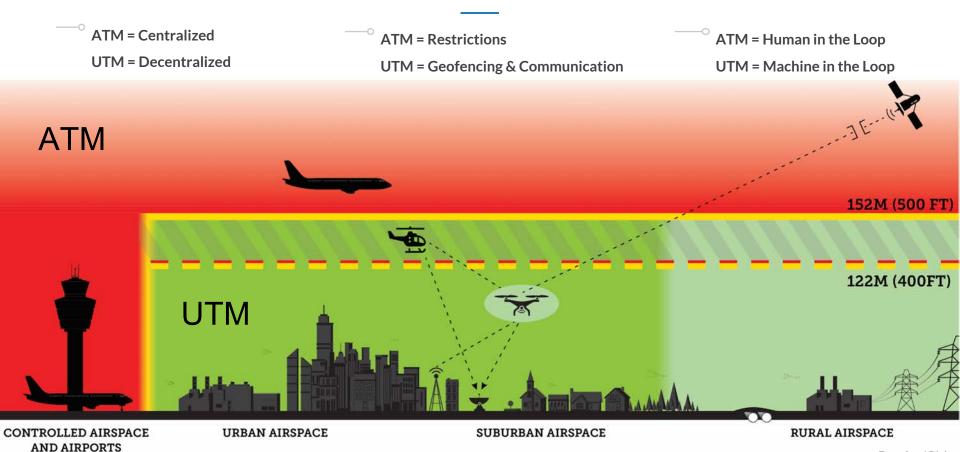
### Contents

This presentation will discuss the following





# The Challenge



Density / Risk Demand for Automation

## **Geofencing & Communication**

#### **Boundaries**

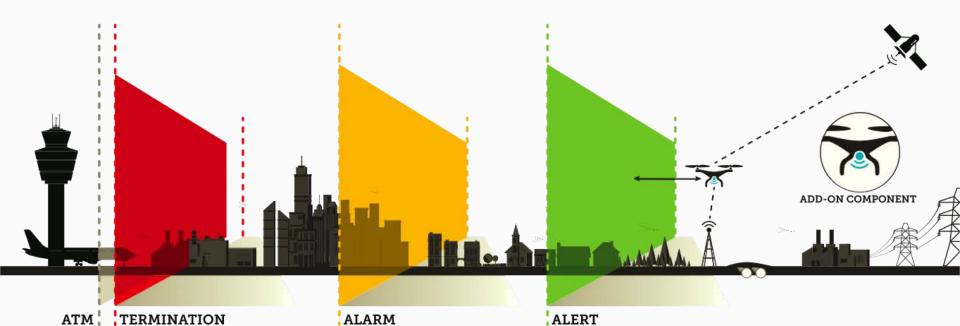
- Fixed & Temporary
- Customized Breach Action(s)

#### Ownership and Management

- Regulators
- Delegated Authority

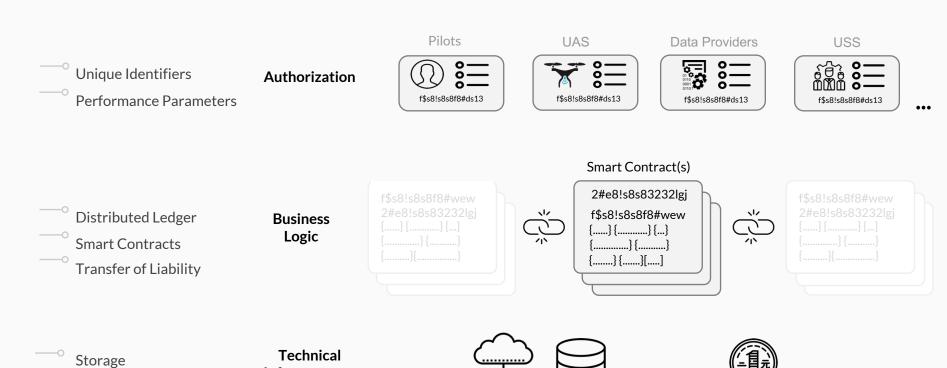
#### Implementation

- Onboard & Remote Strategies
- Remote Access to UAS



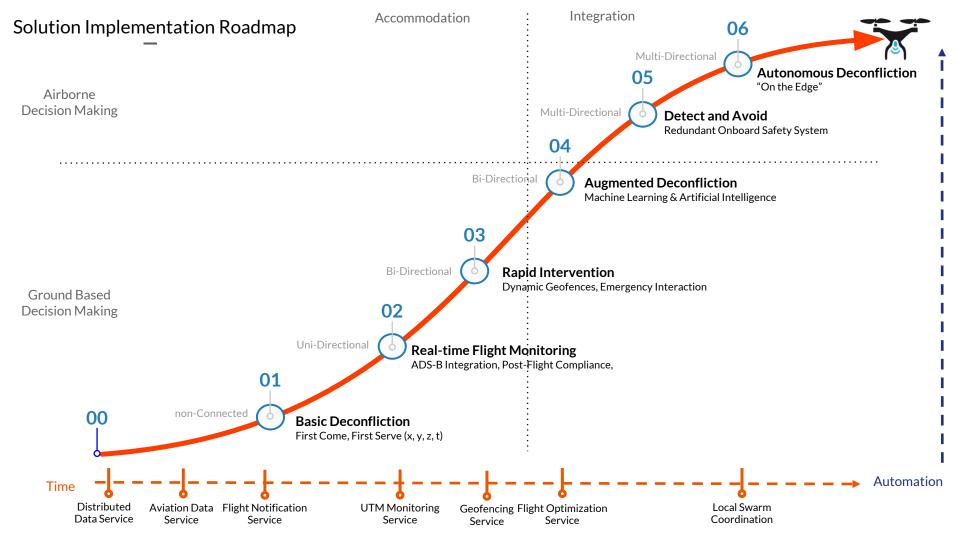
## **UTM System Architecture**

**Distributed Solution Framework** 



Infrastructure

Monetization



### **Solution Summary**





Reliable Channels



Trust

Single Source of Truth



Accountable

Transfer of Liability



**AIRMARKET** 

### Work to Date



Delivering the Vision

