Avianco
Technologies Pvt. Ltd

# Unmanned Traffic Management

## Enabling Airspace for safer VLOS and BVLOS UAV Operations

www.avianco.in

Avianco

# ABOUT US

- Avianco Technologies Pvt Ltd is an aviation technology company based in Bangalore, INDIA.
- Avianco delivers 100% indeginous UAV UTM ATM solutions which enable safer integration and use of drones into Airspace.
- Aerospace and Aviation is our DNA, core leadership consists of experts with experience from IAF, DRDO and Private Aerospace OEMs.
- Team experienced working with regulators globally (FAA, EASA) and with in India (DGCA).
- Avianco is local with global experience.

**www.avianco.in**

Avianco

## FEATURES

### PRE-FLIGHT Applications

1. Registrations
2. Identifications
3. Planning, Approvals
4. Airspace Awareness
5. DGCA NPNT Compliance

# AviancoUTM Cloud Platform

**A secure and centralized platform enabling safer drone flights**

### IN-FLIGHT Applications

1. Flight Authentication
2. Locatioan Tracking & Geofencing
3. Flight Correlation
4. Traffic Alerts
5. Collision Avoidance
6. Dynamic Deconflict
7. Live Weather Advisories

### FLIGHT Data Applications

1. Flight Logs
2. Data Analytics

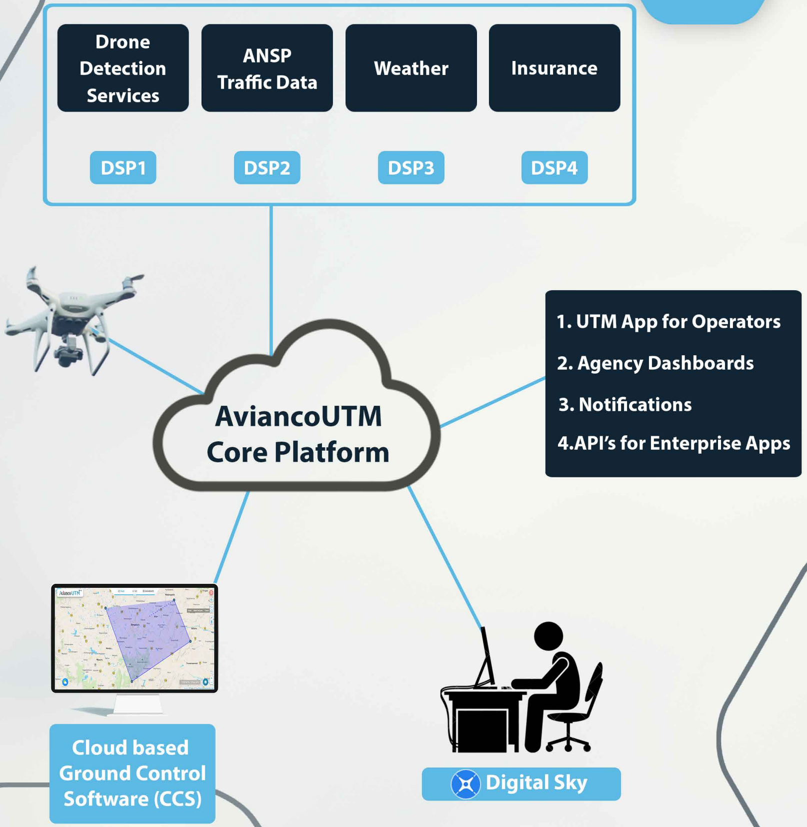
### OTHER Applications

1. Remote ID
2. Insurance

**www.avianco.in**

**Avianco**

# HOW IT WORKS



**Drone Detection Services**

**ANSP Traffic Data**

**Weather**

**Insurance**

DSP1

DSP2

DSP3

DSP4

## AviancoUTM Core Platform

1. UTM App for Operators
2. Agency Dashboards
3. Notifications
4. API’s for Enterprise Apps

**Cloud based Ground Control Software (CCS)**

**Digital Sky**

www.avianco.in

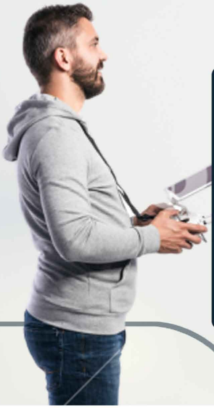
Avianco

# DRONE OPERATORS

## Get your job done Hassle-Free

1. Complete nofly zone awareness
2. Automated flight approvals
3. Manage flights
4. Limited Aviations knowledge required

1. Logbook and document management
2. Monitor your operations remotely & drone fleet
3. Real-time flights status and location



1. Visualize manned and unmanned flights
2. Complete and accuration national & local rules
3. Readable no-fly zones map

www.avianco.in

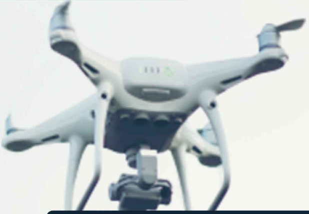
# Avianco

## AGENCIES

**MONITOR**

**PUBLISH**

1. No-fly zone maps
2. Publish temporary no-fly zones
3. Notify the Pilots
4. Real time flights status and tracking
5. Visualization of manned and UAV flights in the sky



## ENTERPRISES

**API's**

**ENTERPRISE DASHBOARDS**

1. API's covering Pre-flight , In-flight and Post-flight ops
2. Compliance with DGCA regulations and NPNT abstracted by APIs, quickly build your enterprise apps.
3. Dashboards for airspace availability, automatic routes generations, fleet management, real-time fleet tracking
4. Cost effective ( flexible plans, local and accessible technical suport )

**www.avianco.in**

Avianco

## FIND US

www.avianco.in

☎ (+91) 8904071010

☎ (+91) 9900197350

utm@avianco.in

in avianco-technologies-pvt-ltd

## CONTACT US

### INDIA

Avianco Technologies Pvt. Ltd.
CIN# U72900KA2018PTC112952
51, 4th Floor, 3rd Cross Rd,
Aswath Nagar, Marathahalli,
Bengaluru, Karnataka 560037

www.avianco.in