



PROVEN TECHNOLOGY TO HARMONIZE OUR SKY

Unmanned Traffic Management (UTM) Solutions

- > At OneSky, our goal is to harmonize the sky by developing leading solutions for the Unmanned Traffic Management (UTM) and Urban Air Mobility (UAM) industry—ensuring safe, efficient and scalable access for all airspace users.
- > We are a proven UTM company developing airspace assessment, operations and management solutions for the aviation industry.



Our Core Competencies

- ✓ **Registration System**
- ✈ **U-AIM**
- 🛡 **Counter-UAS**
- 🔒 **Remote ID**
- 📶 **Dynamic Traffic Management**
- 🌐 **ATM/UTM Integration**

By combining analytical flight dynamics with advanced simulation capabilities, we deliver an enhanced level of engineering and operational analysis to the challenges of UAS and UAM integration into the national airspace.

Our Universal UTM provides airspace authorities the capability to register, identify, track, notify, monitor, approve, and manage UAS operations and all types of restricted flight areas in real-time. We follow all international ICAO recommendations and global industry requirements and standards, to enable a digital cyber secure cloud service.



- 7,000,000 lines of code
- 31 years supporting aero and defense
- 700 aero and defense companies



Our Pillars



Safety First

Everything we do revolves around the safe, secure integration of unmanned aircraft into our airspace. We're also ISO 27001 & GDPR compliant.



Your Long-Term Partner

We offer solutions to address today's airspace management challenges, while providing the roadmap for integrating UTM within the ATM environment.



Proven Technology

Whether it's CAA customers or FAA pilot programs, our UTM is already in the hands of pilots, operators, and airspace authorities globally.



Our Aerospace Heritage

Our software tools have already been adopted by 50,000 users worldwide and 700 aerospace organizations.



OneSky Universal UTM platform

The OneSky Universal UTM platform supports Airspace Authorities and other authorized government stakeholders in the safe, efficient and secure management and regulation of the airspace.

Our UTM platform provides drone operational support and flight validation. It uses airspace information, regulatory data, meteorological data, user data, drone data, traffic data (manned and unmanned) and terrain and obstacle data input to our rule-based engine authorization service.

The platform processes and alerts digitized constraints in real time and provides flight path conformance monitoring and emergency and contingency management.

The initial core operational service functions of the platform are to perform pre-flight & strategic deconfliction validation and authorization of all flights in conjunction with the registration system, track and monitor all flights with the assistance of (broadcast or network RID) and perform conflict resolution of flight paths in real time.

A Phased Approach to UTM

OneSky works with our customers to identify what UTM service levels are needed to meet their drone ecosystem stakeholder needs and airspace safety requirements. That's why we've developed a step-by-step approach to help our customers through this process. This phased implementation process starts with the deployment of a registration system to set the foundation for UTM, before implementing necessary services for basic airspace access and then more complex operations, including Beyond-Visual-Line-Of-Sight (BVLOS) operations.



Phase 0

UAS Registration and Education Portal

This phase will establish the platform for the UTM system and will ensure compliance with ICAO's mandatory requirements for the registration of UAS and their qualified operators.

- Operator Compliance
- Education & Training Portal
- Remote Identification
- Tracking & Monitoring

Phase 1

Basic UTM Services

In this phase, the basic UTM services will be implemented for the dynamic management of UAS traffic to provide ANSPs with a better understanding of airspace operations, airspace awareness, and situational awareness.

- Aeronautical Information Management
- Airspace Management
- Flight Planning Management
- Request Authorization & Directives
- Alerts & Notifications
- Geofencing

Phase 2

Intermediate UTM Services

As UAV traffic increases, additional services will be required for dynamic airspace management including digital traffic management and an ATC interface.

- Monitoring Service
- Traffic Information Service
- Emergency Management
- Accident & Incident Reporting
- Strategic Conflict Management
- Weather Service
- Analytical Services
- Conformance Monitoring

Phase 3

Advanced UTM Services

As all airspace traffic continues to grow and operations expand over complex, urban environments more advanced and automated UTM services are required within the ATM environment.

- Dynamic Geofencing
- Capacity Management
- Dynamic Conflict Resolution
- Dynamic Rerouting
- Full ATM & UTM integration

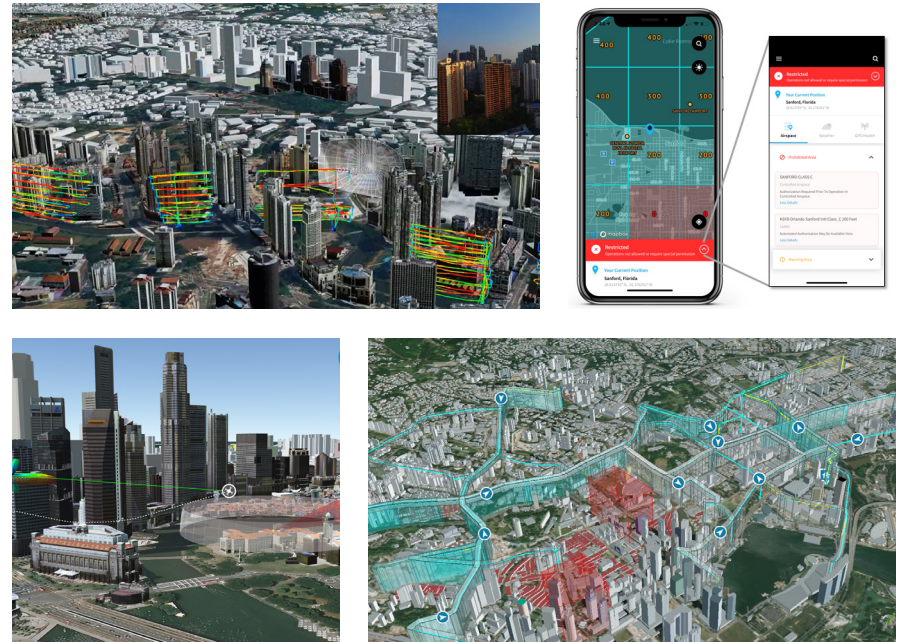
We're involved in all global UTM standards—so you don't have to be

OneSky is a member of, and active participant in, relevant global UTM standard groups. We adhere to these standards as they evolve and incorporate recommendations and requirements into our UTM to ensure the highest degree of compliance and interoperability. Not only do we implement them in our technology, but our team is ready to assist you in developing your UTM CONOPs, state policies and requirements based upon international standard bodies and special use cases.

INTERNATIONAL	EUROPE	UNITED STATES
ICAO	SESAR U SPACE	NASA
JARUS	Swiss U Space	FAA
ASTM	Global UTM	Small UAV Coalition
CANSO	Eurocontrol	
ISO	EASA	Assure

The OneSky Differentiator:

- Our UTM can be deployed as a system of systems centralized architecture, federated architecture or hybrid
- Our UTM platform and processes are cyber secure, ISO 27001 certified and GDPR compliant
- We can deploy our UTM as an on premise solution or as a service
- We have the most complete and advanced UTM services
- We offer a step by step implementation process
- OneSky can deploy in your national airspace both Broadcast and or Network RID depending on your requirements



See why airspace authorities and regulators globally are turning to OneSky with their UTM challenges.

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Contact Us