



## UAV/ATM integration and U-Space Airspace implementation

[www.integra.dk](http://www.integra.dk)

### Our Commitment to Excellence:

- Integra Consult A/S is a privately-owned Danish consultancy company with more than 30 years of experience providing consultancy services for the aviation and defence industries. We have thorough knowledge of UAVs and U-Space obtained through our involvement in SESAR and European projects. Integra is responsible for the establishment of the UAS Test Center in Denmark and Greenland.

### Our services include:

- Developing operational concepts and specifying capabilities to meet end-users' expectations
- Preparing regulatory studies and assessments for operational approval
- Coordinating operations with other organisations
- Participating in UAV-related research and development activities
- Enabling drone operations near airports and in controlled airspace
- Creating drone system solutions for civil and military customers including sensors
- Developing procedures for seamless integration of drone operations into airport activities
- Establishing logistics for remote operations
- Managing stakeholder consultations
- Providing training for drone pilots
- Greenland experience with drones above 25KG
- Conducting Performance Specific Operations Risk Assessments SORA
- Specification of anti-drone systems

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## Our portfolio and practical experience:

- **International Recognition:** Proudly serving on the board of UFSI (What is UFSI?) for several years
- **European Representation:** Representing the Platform for Cargo Aircraft (PUCA) in the group of drone experts at the European Commission since 2018
- **European Commission:** European U-Space Demonstrator Network
- **SESAR:** PODIUM Project, Integration of drones in U-Space, PJ34-W3 (AURA) ATM U-Space Interface
- **FAB CE:** Support to common U-Space Airspace risk assessment methodology and CISP data exchange model for U-Space
- **Horizon 2020 Research:** Conducting studies on fuel cell usage in large drones for search and rescue operations
- **ANSP of the Czech Republic:** Procurement and implementation of a UAV System
- **CAA Denmark:** Implementation of U-Space
- **Academic Collaborations:** Partnering with Danish universities for groundbreaking research projects in Greenland, focusing on monitoring global warming at Station North
- **Manufacturing Collaboration:** Working closely with drone manufacturers
- Operating drones for commercial and scientific purposes
- Developing concepts of operation (CONOPS) and manuals
- Setting up a system for monitoring large infrastructure facilities (bridges – Great Belt)
- Prototype of Hydrogen Drone
- Development of specification for light tactical drone for the Danish defence
- Wildlife protection
- Operating drones to verify the efficiency of the drone detection