



# U-Space: Draft Opinion Workshop Scope of U-Space

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# The World's Leading UTM Solution

*The future of airspace management, today*



# Scope: A U-Space Service Provider Perspective

Capabilities and Services

# U-Space Regulations View

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Capability  
Timeline



Regulatory  
Aspects

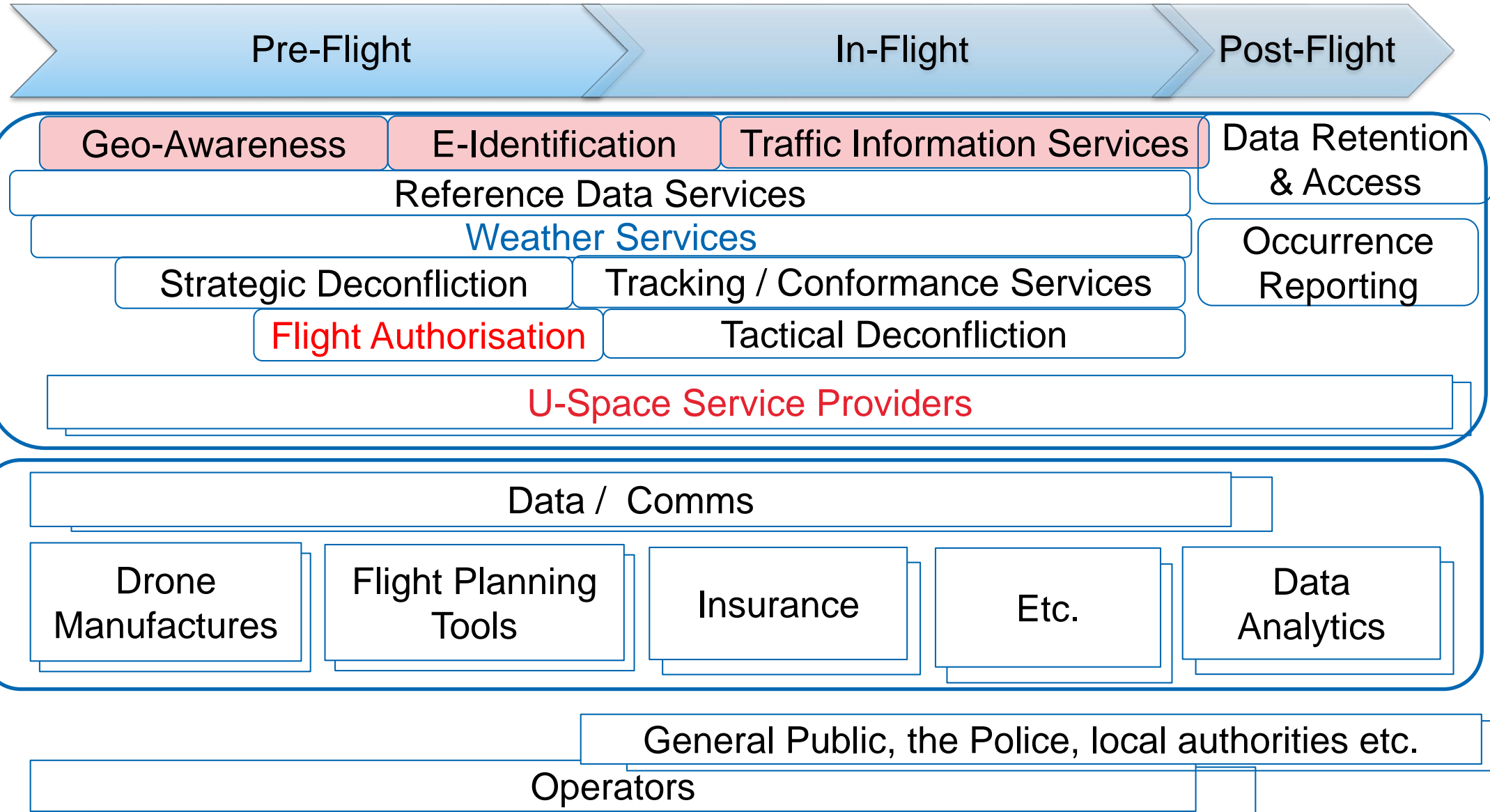


State Level  
U-Space  
Services



# U-Space Service Provider View

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# Some Thoughts

A good basis, but ....

## OBJECTIVES:

1. “This proposal **intends to set a level of safety and environmental protection, security and privacy** that is acceptable to the public.” (para 2.2)
  - ❖ **Safety Levels** not defined and deferred to Member States (Art. 4.5)
  - ❖ **Environmental** – not really addressed
  - ❖ **Security** – only for CIF (Art. 5.3 & 6.4)
  - ❖ **Privacy** - ???

# Some Thoughts

2. “The European approach will facilitate this **competitive model** by providing the basis for **common data exchange protocols**, establishing the **cooperative environment** where **all the necessary information is available** and **transmitted to those who need it**, to ensure seamless exchange of and operators intent, operational constraints and other data critical for safety and security purposes” (para 2.1)
  - ❖ Competitive Model is not clear. As noted previously.  
Also, U-Space SP cannot be in charge of the CIF (Art. 5.5) – but ANSPs are not excluded, potentially giving wider monopolistic powers.
  - ❖ Common data exchange protocols are not really addressed.  
“Digital data/information” does not provide or assure efficient machine readable exchanges.
  - ❖ A cooperative environment is not fully addressed.  
The authorisation process (Art. 15) is not really clear and does not consider various stakeholders and their roles.
  - ❖ Necessary information / to those who need it is a variable to be defined by Member States – hence could be inconsistent.  
Much of this may need to be provided for FREE - What is the expected financial model to sustain the market.



# Guardian

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Operator-  
friendly  
interface to  
encourage safe  
drone use



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