

# Strategic Deconfliction: An initial approach

Indra Air Drones

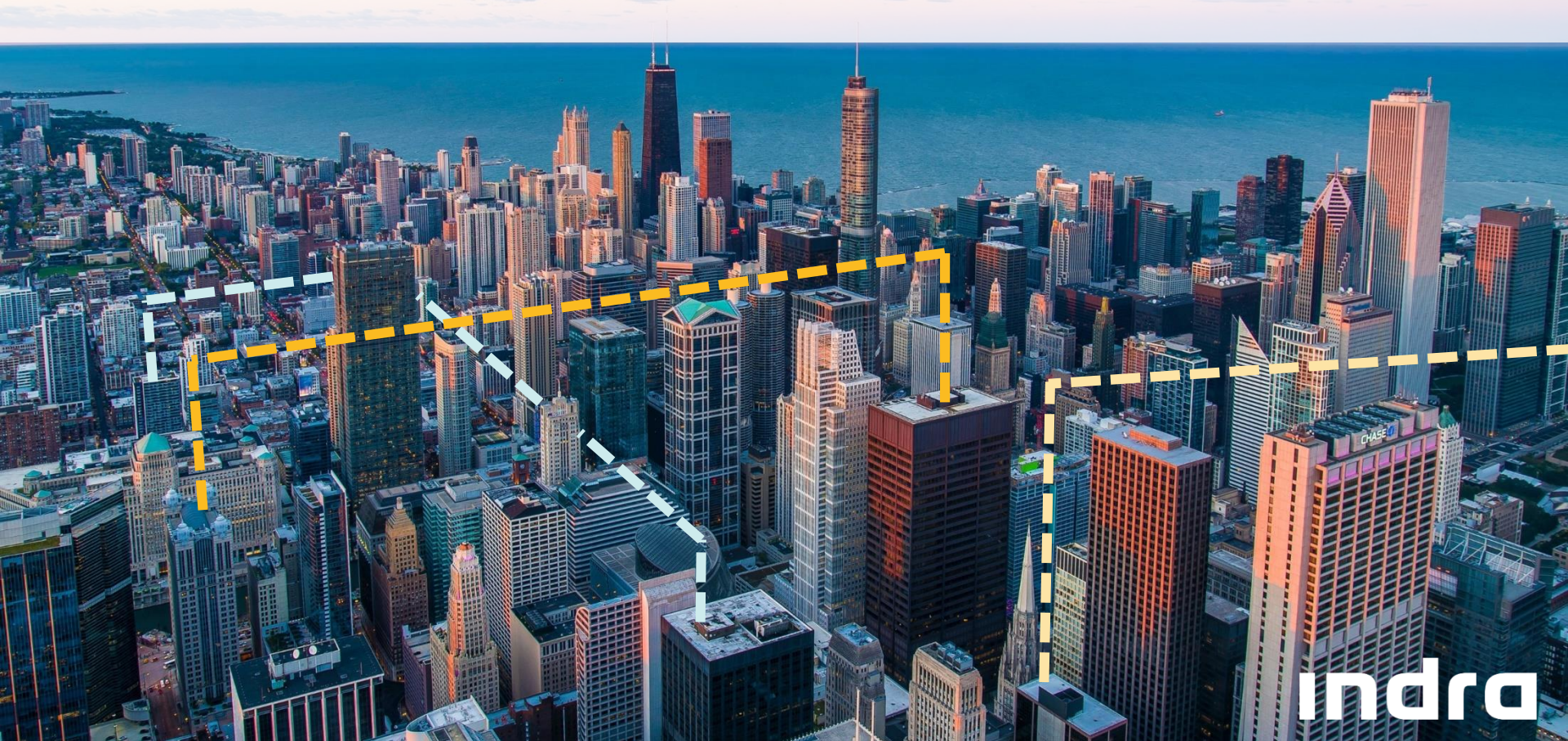
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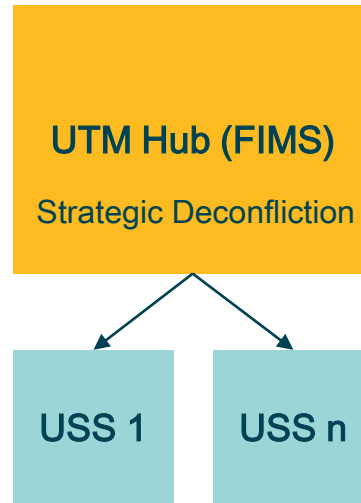
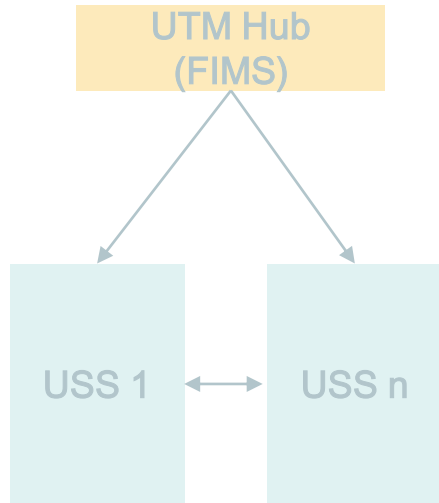


Strategic deconfliction is a fundamental UTM service required today to enable safe operations in cities and to boost the urban drone applications.

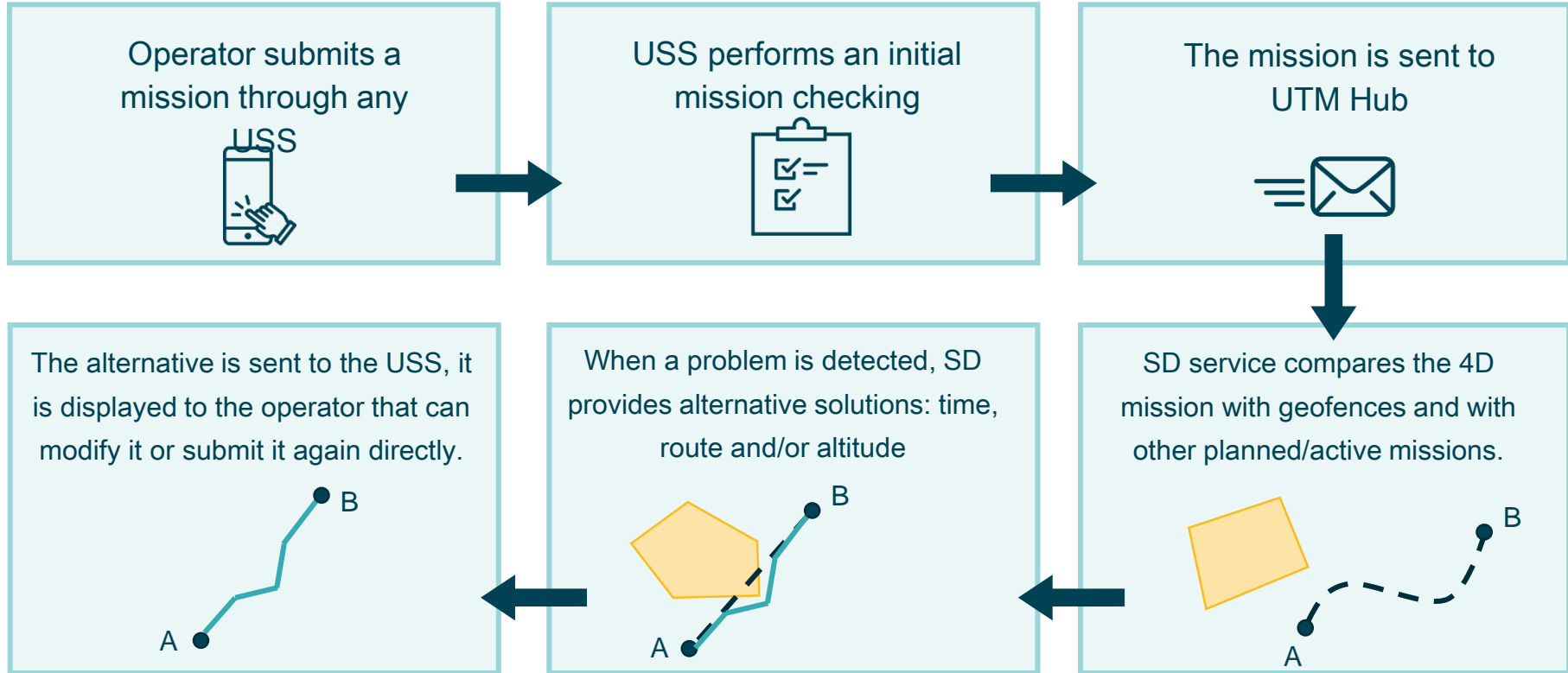


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# Two approaches for UTM architecture



# Strategic deconfliction process

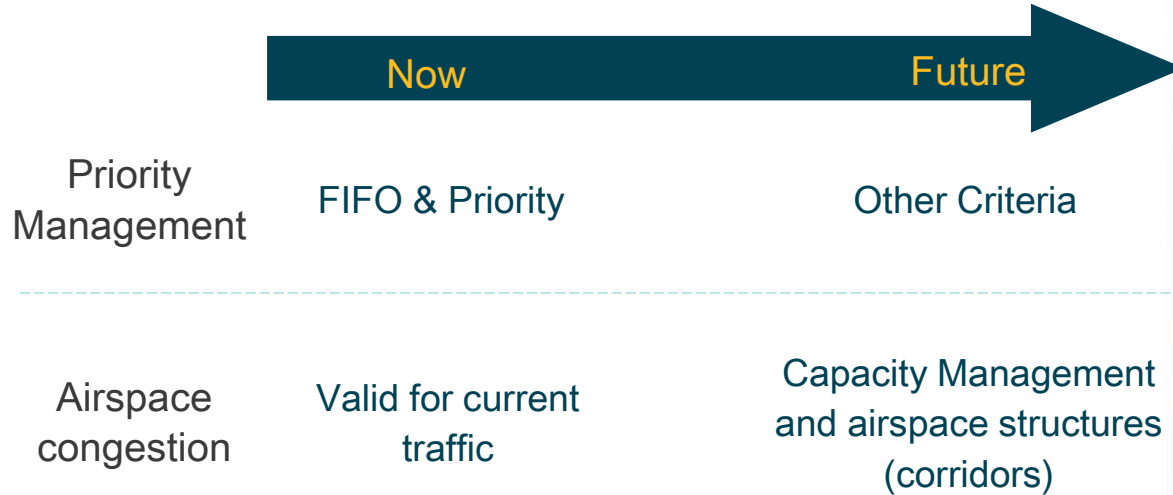


Linear FP vs Linear FP

# Linear FP vs Geofence

Polygonal FP vs Polygonal FP

# Considerations about the method



Centralized strategic deconfliction guarantees the privacy and the safety.





# Conclusions

The strategic deconfliction service is an essential key to reach the drone industry's full potential. It has also proven to be a crucial asset in maintaining the safety levels both in the air and in the ground.

Indra proposes an initial service able to detect potential conflicts between different flight plans or between flight plans and geofences, and providing suitable alternative solutions in each situation. All alternatives take into consideration the mission's scope and the applicable airspace regulation.

Even though there is still lots of work to be done, Indra's algorithms take today's society one step closer to safe drone integration in our skies.

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At the core

