skyguide

4th Swiss UTM Forum

U-Space Projects Achievement

19.11.2020

Robert Fraefel

member of FABEC

From

today

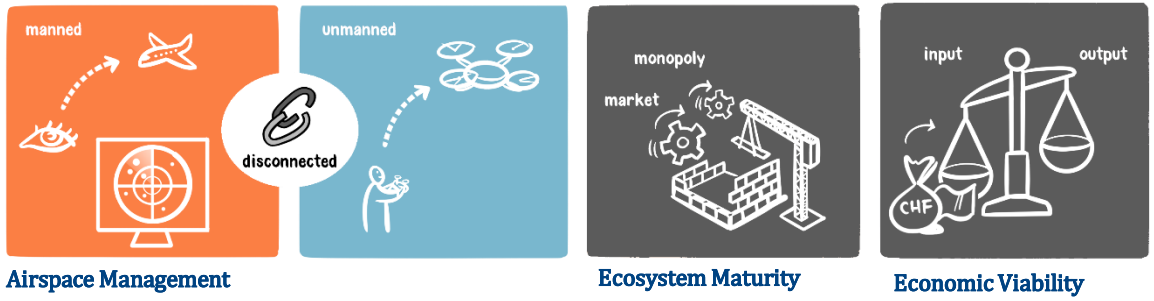
to

tomorrow

to

after tomorrow

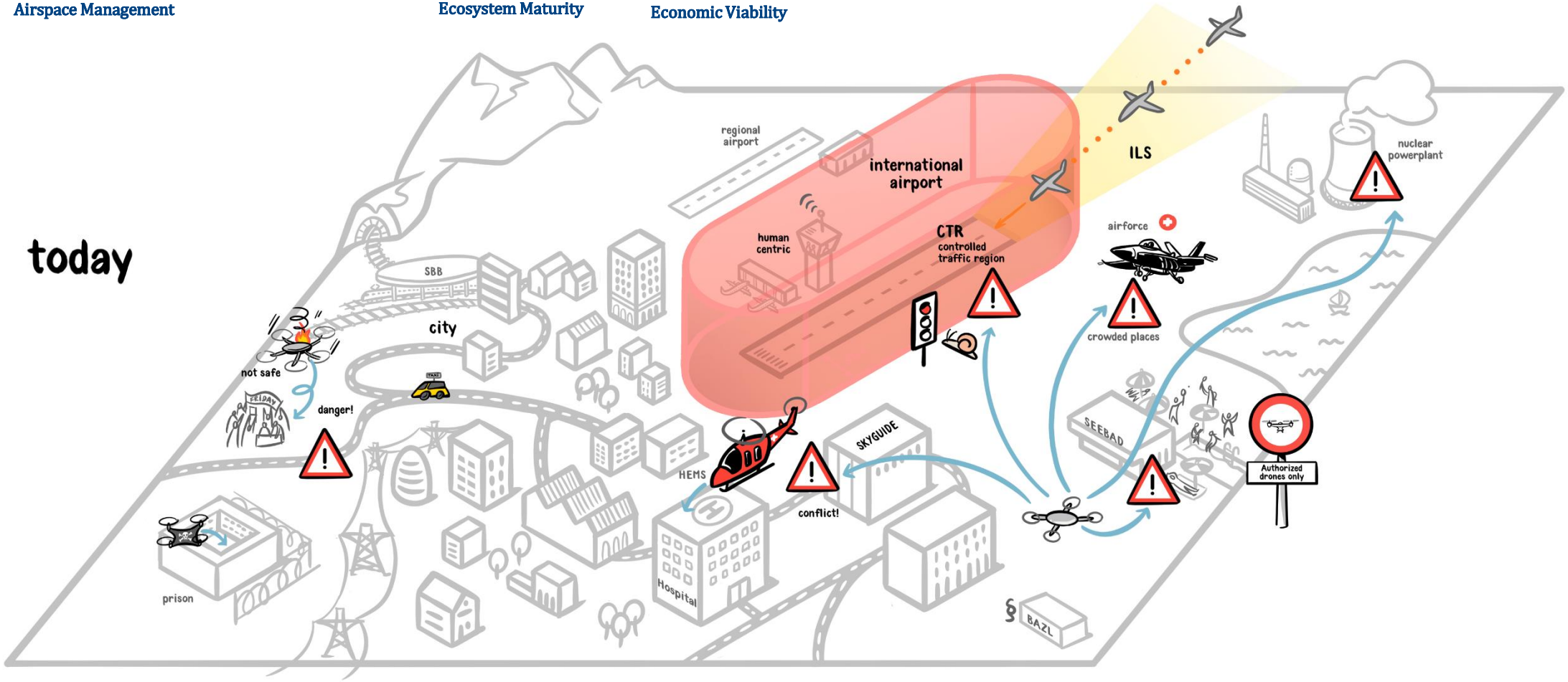
Key Elements



Airspace Management | Ecosystem Maturity | Economic Viability

Airspace Management

today



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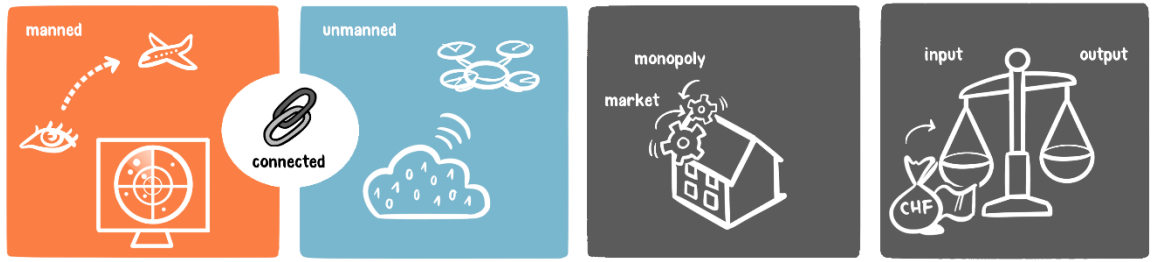
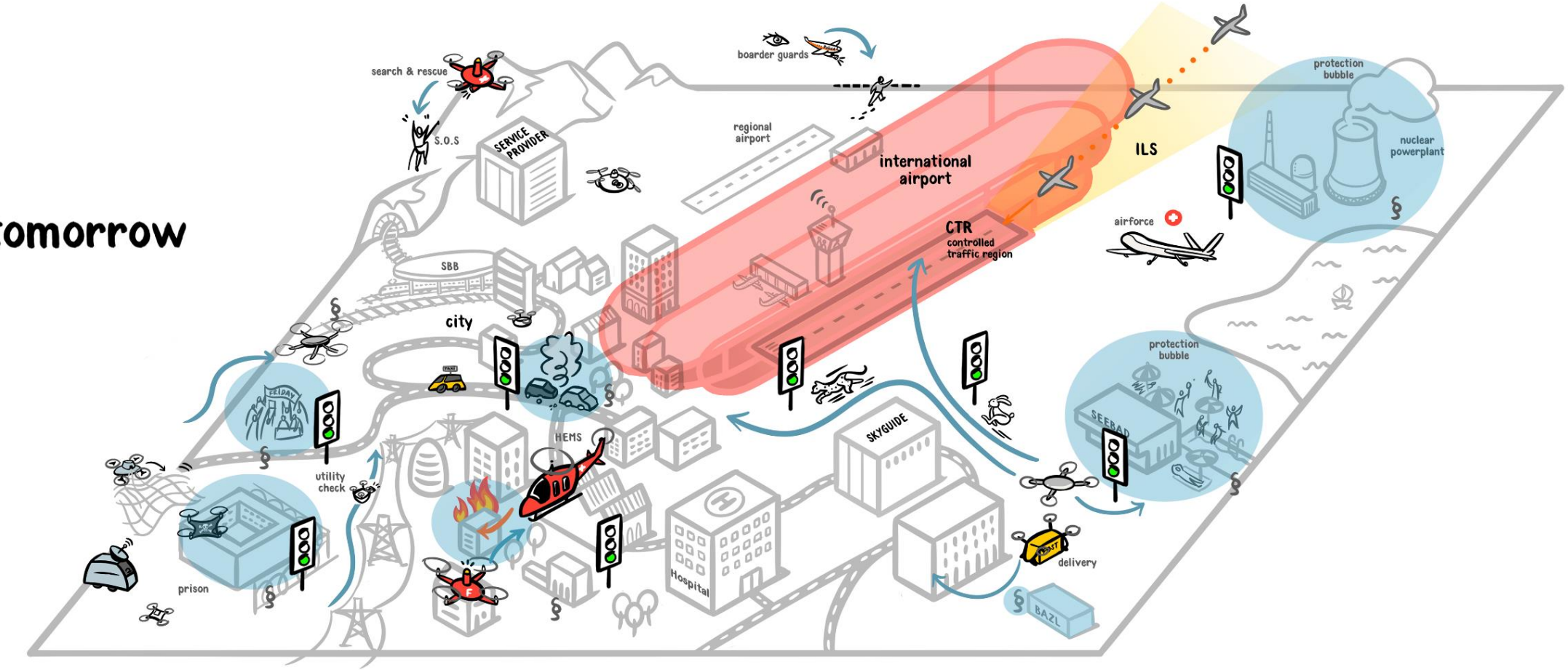


Airspace Management | Ecosystem Maturity | Economic Viability

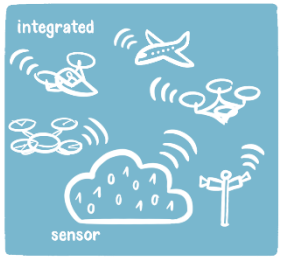
Airspace Management

tomorrow



member of FABEC skyguide

Key Elements

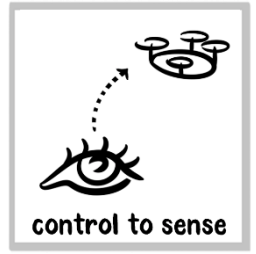


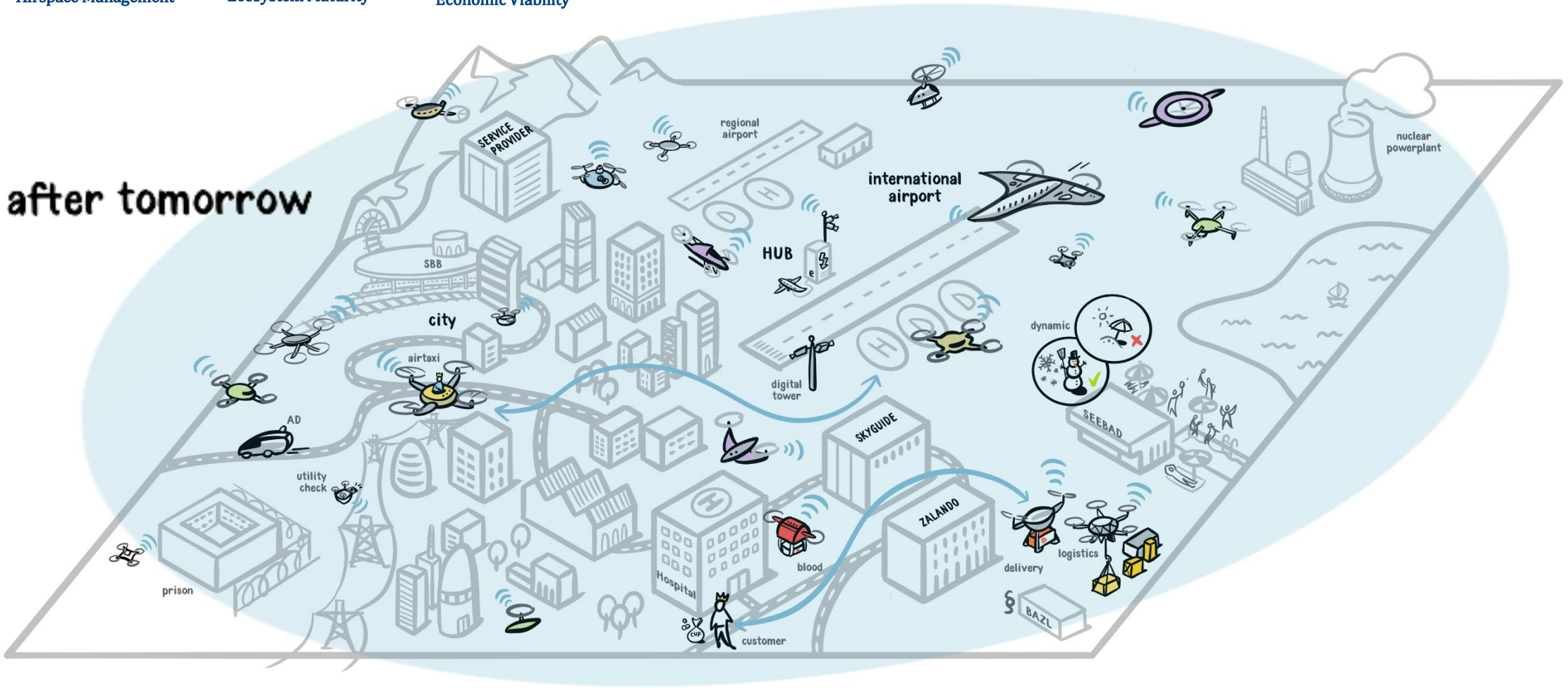
Airspace Management

Ecosystem Maturity

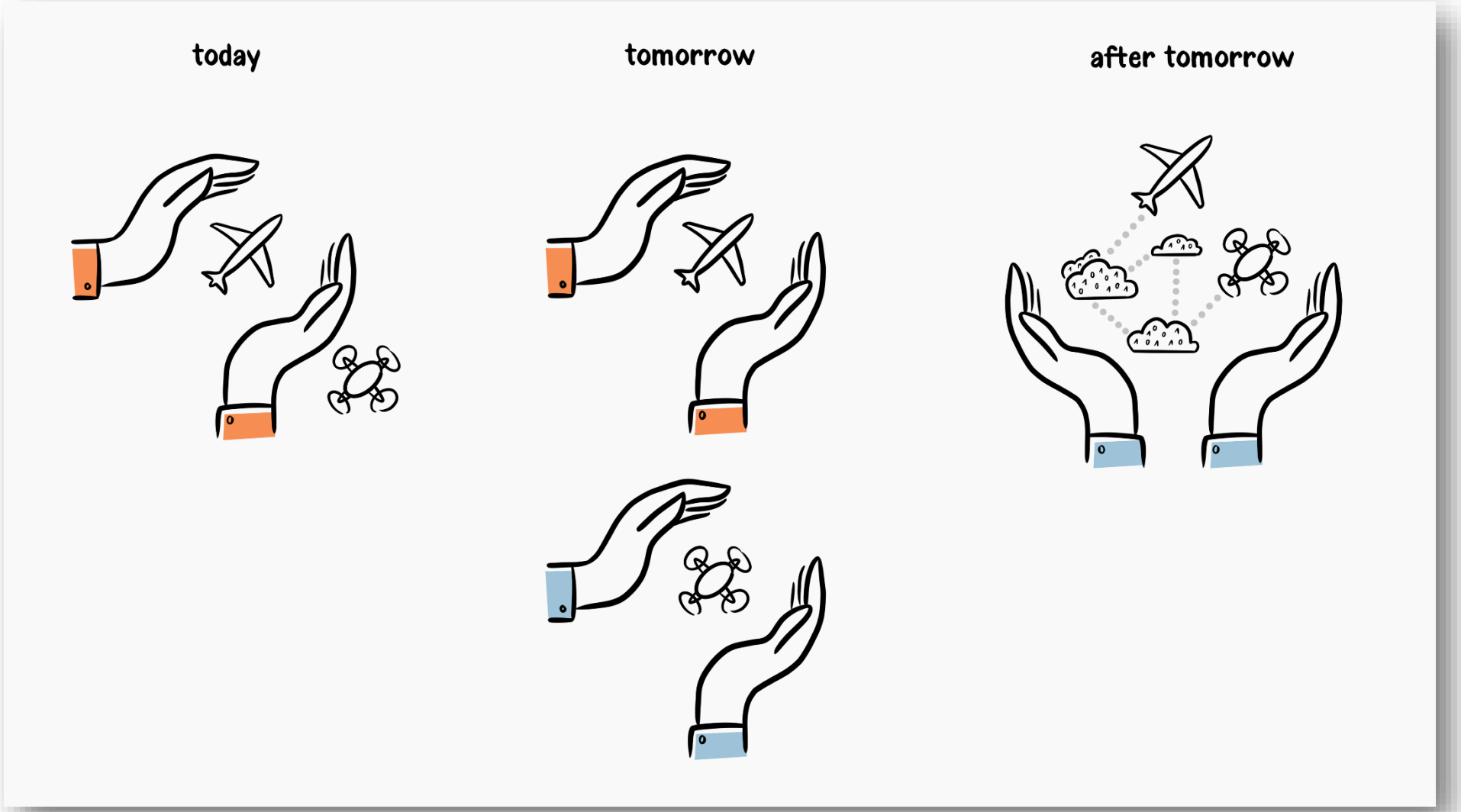
Economic Viability

Airspace Management

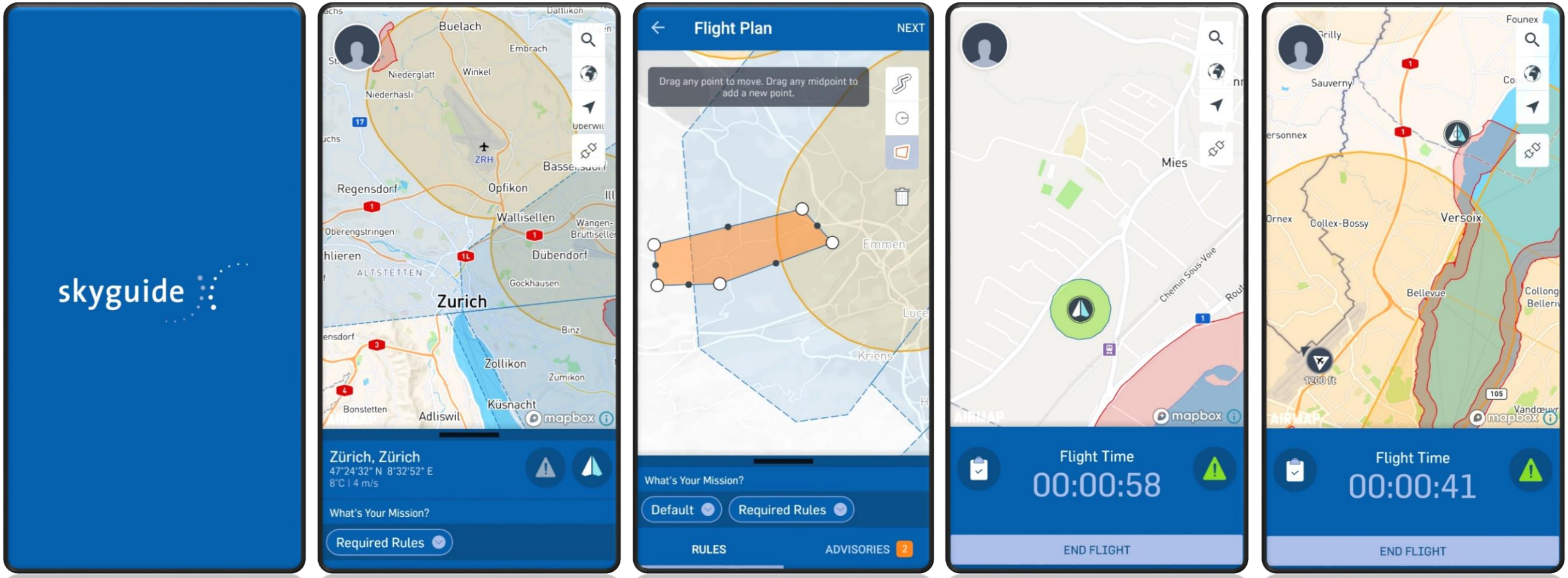




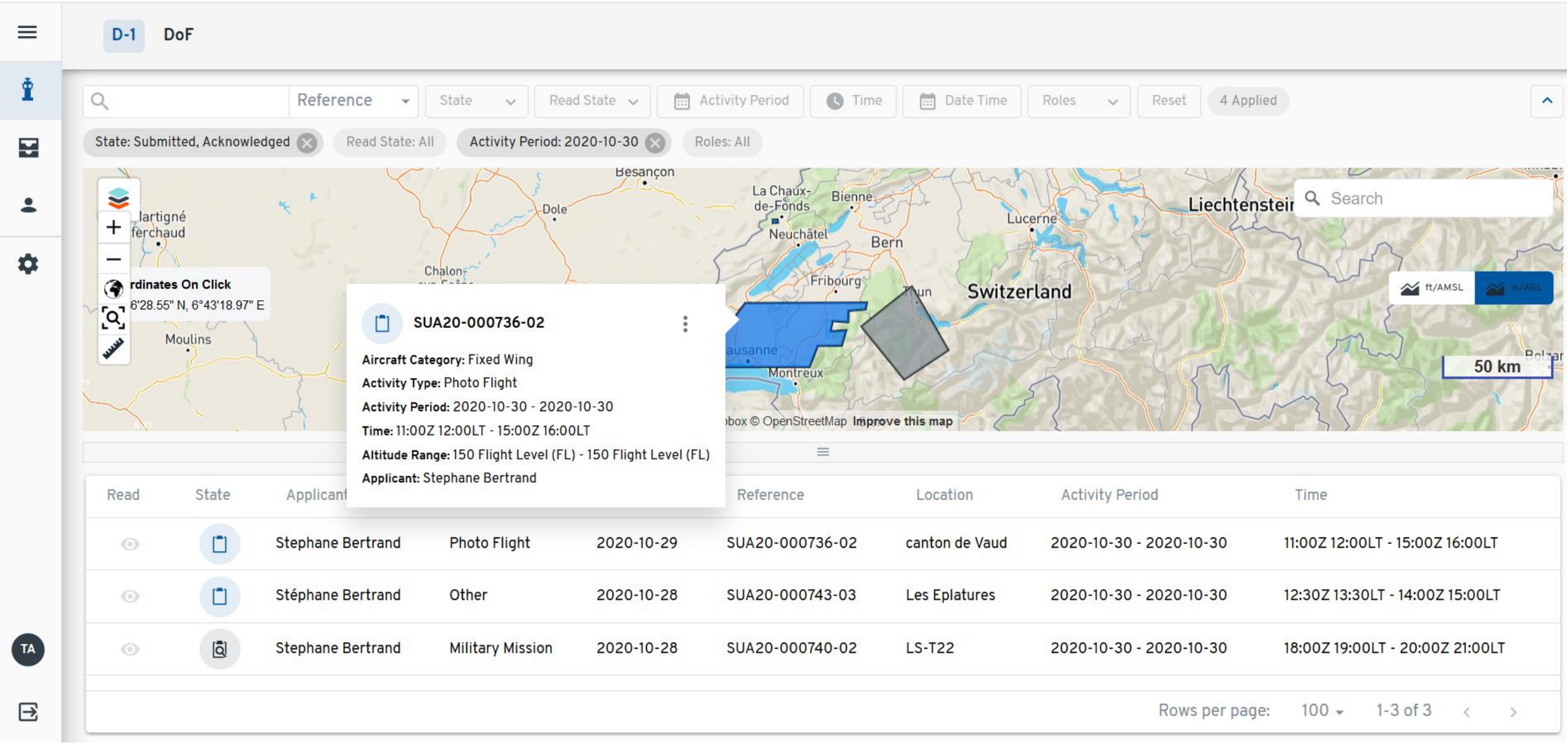
Transition from manned protection to fully integrated



Geo-Awareness APP (IOS, Android and Web)



SFO Tool



Read	State	Applicant	Type	Date	Reference	Location	Activity Period	Time
		Stephane Bertrand	Photo Flight	2020-10-29	SUA20-000736-02	canton de Vaud	2020-10-30 - 2020-10-30	11:00Z 12:00LT - 15:00Z 16:00LT
		Stéphane Bertrand	Other	2020-10-28	SUA20-000743-03	Les Eplatures	2020-10-30 - 2020-10-30	12:30Z 13:30LT - 14:00Z 15:00LT
		Stephane Bertrand	Military Mission	2020-10-28	SUA20-000740-02	LS-T22	2020-10-30 - 2020-10-30	18:00Z 19:00LT - 20:00Z 21:00LT

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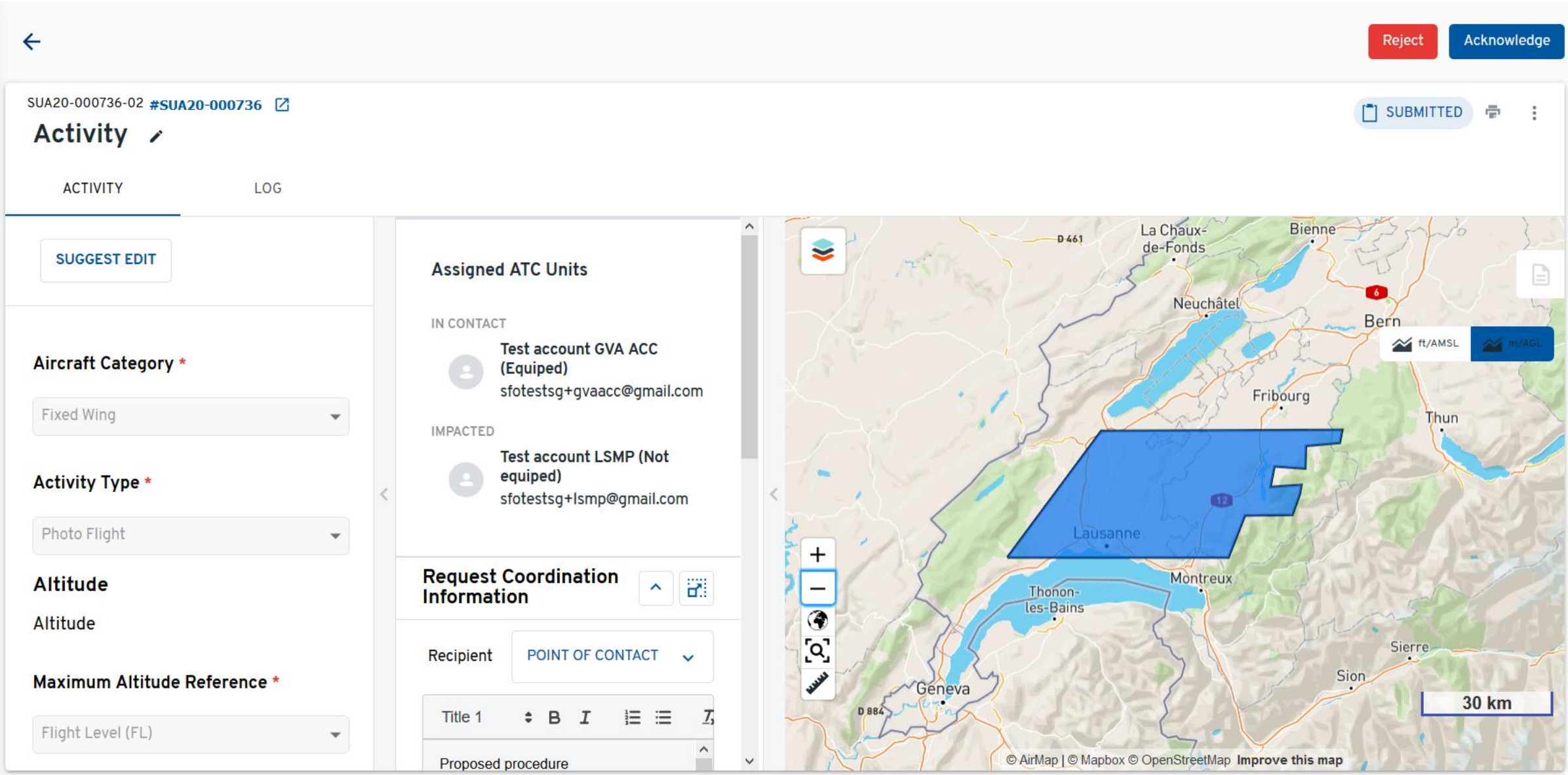
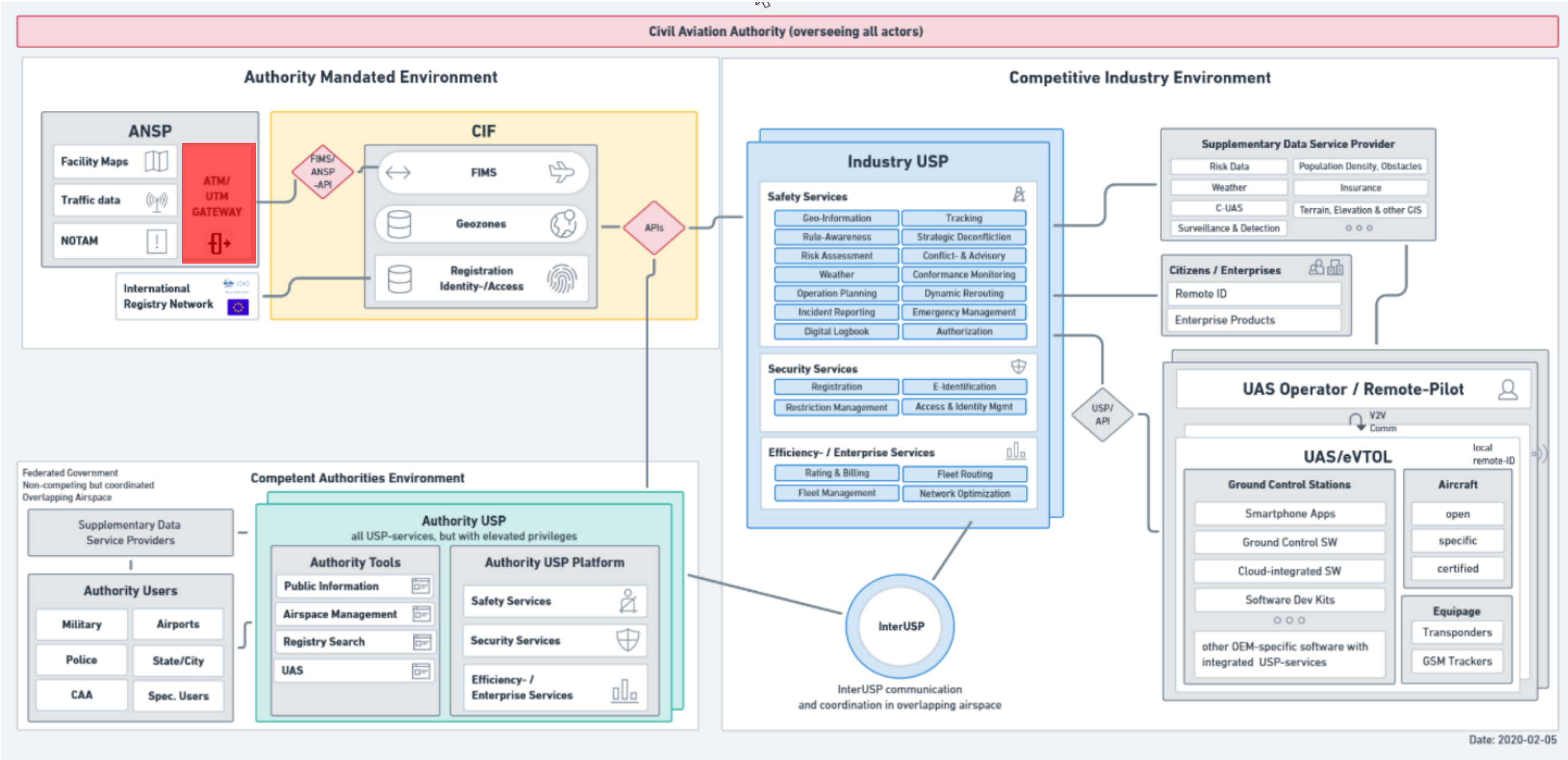
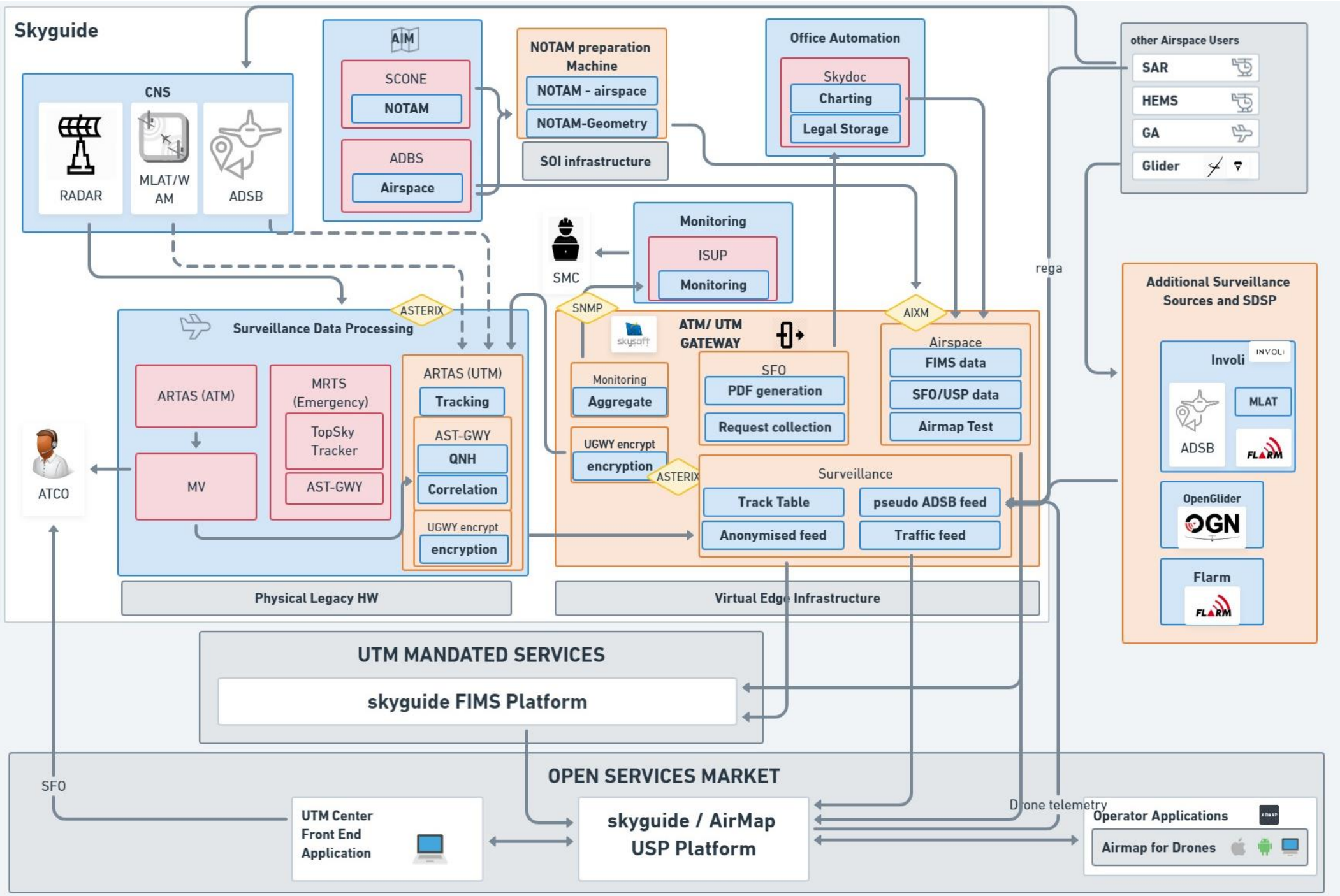
SFO Tool


Reject
Acknowledge
SUA20-000736-02 #SUA20-000736
Activity
SUBMITTED
ACTIVITY
LOG
SUGGEST EDIT
Aircraft Category *
Fixed Wing
Activity Type *
Photo Flight
Altitude
Altitude
Maximum Altitude Reference *
Flight Level (FL)
Assigned ATC Units
IN CONTACT
Test account GVA ACC (Equiped)
sfotestsg+gvaacc@gmail.com
IMPACTED
Test account LSMP (Not equiped)
sfotestsg+lsmp@gmail.com
Request Coordination Information
Recipient
POINT OF CONTACT
Title 1
Proposed procedure
La Chaux-de-Fonds
Bienne
Neuchâtel
Bern
Fribourg
Thun
Lausanne
Montreux
Thonon-les-Bains
Geneva
Sierre
Sion
ft/AMSL
m/AGL
30 km
© AirMap | © Mapbox © OpenStreetMap Improve this map

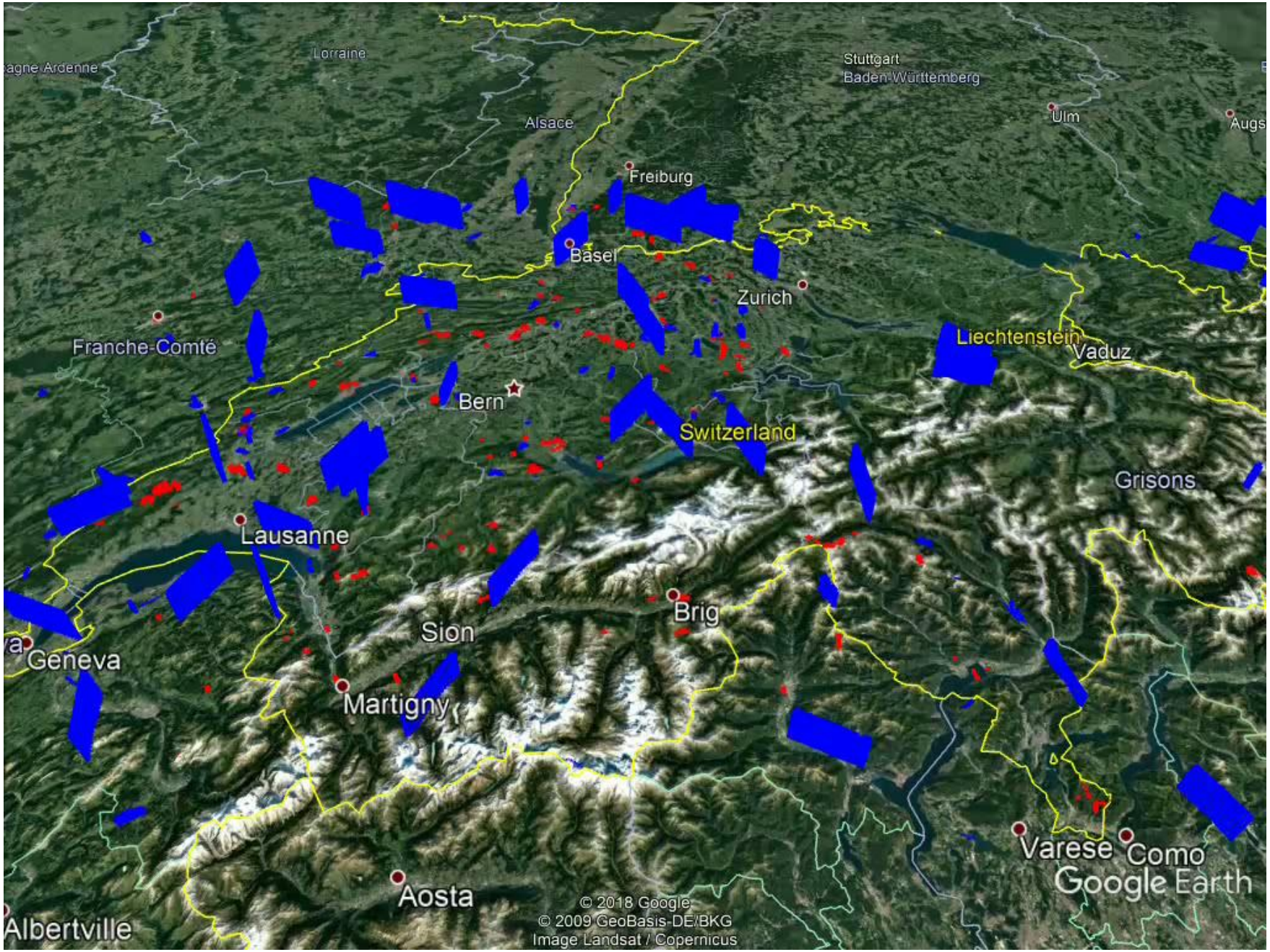
U-Space Architecture



U-Space Gateway



U-Space Gateway

Blue : Certified sources
Red : Everything else from UGWY

Peak day measured :
- ARTAS ATM : ~1050 tracks
- ARTAS UTM : 2035 tracks