



# SESAR walking tours

2020 World ATM Congress



#PoweredBySESAR

context  
U-space en S



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2020 World ATM Congress



# droneport



- One drone is easy to organise
- Two drones can be dealt with as well
- Three is a crowd!



- How to organise this  
=> *service providers*



## DELF

- » URBAN AREA
- » FIVE DRONES
- » TWO U-SPACE SERVICE PROVIDERS
- » ROTTERDAM CTR
- » B-VLOS



**NRTC:** Agriculture inspections

**Delft:** Surveillance/Counter drones

**Enschede:** Package delivery

## NRTC

- » RURAL AREA
- » THREE DRONES
- » TWO U-SPACE SERVICE PROVIDERS
- » B-VLOS

## ENSCH

- » URBAN AREA
- » FIVE DRONES
- » TWO U-SPACE SERVICE PROVIDERS
- » SMART CITIES
- » B-VLOS



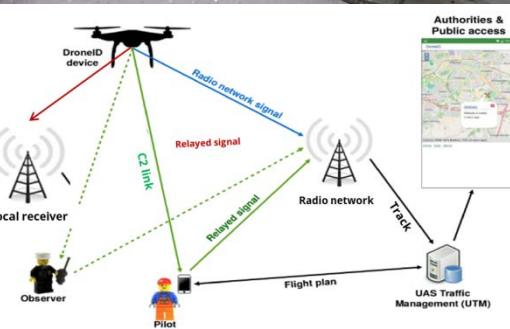
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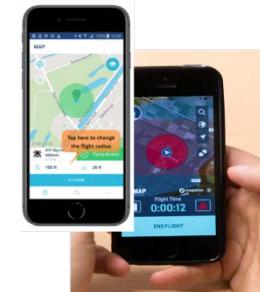




## Challenges for VUTURA:

- Beyond visual line of sight
- Communication
- Priority drones
  - AED
  - Overview of incident (fire)

=> *U-space*





## Three demonstrations

### Main achievements

- 50 safety considerations
- 25 waivers
- 2 U-space service providers
- 13 different drones
- about 100 flights