



Dennis van Wijngaarden

Researcher
Micro Air Vehicle laboratory
TUDelft

Tactical Deconfliction within Bounded Airspace

Dennis van Wijngaarden
TU Delft Research

SAFIR-Med Conference & Demo Event
Port House, Antwerp, 02 June 2022

MAVLab TU Delft

- Developing advanced drone technologies
- Detect And Avoid
 - Vutura project
 - SAFIR-Med

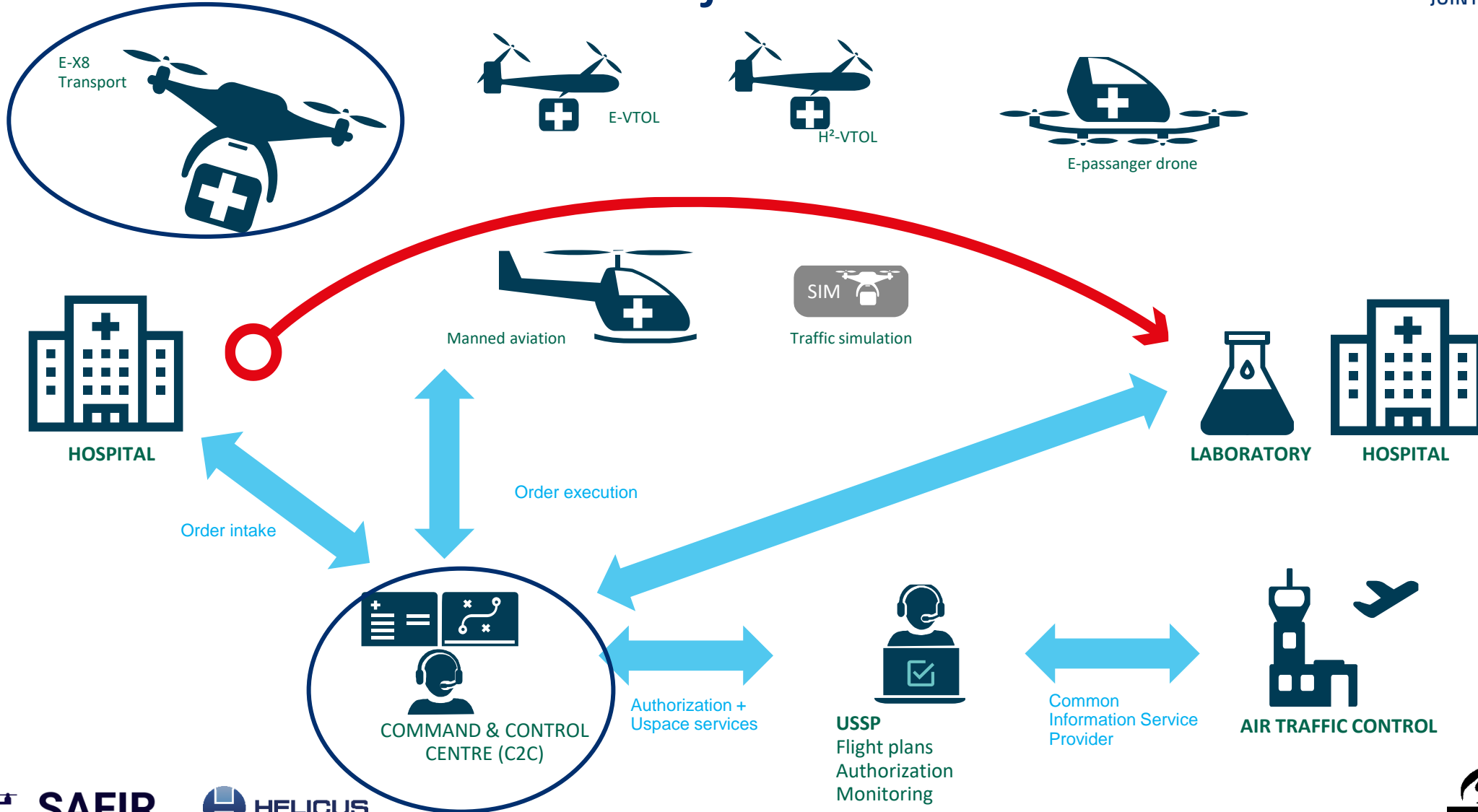


Role within Safir Med Project

- Develop and integrate AED drone with the Helicus C2C
- **Traffic Information based Detect And Avoid (DAA)**
 - Tactical deconfliction
 - (U-Space) traffic information as sensors
 - Automated (Calculated in C2C)
 - Avoidance within a drone geozone



Role within Safir Med Project

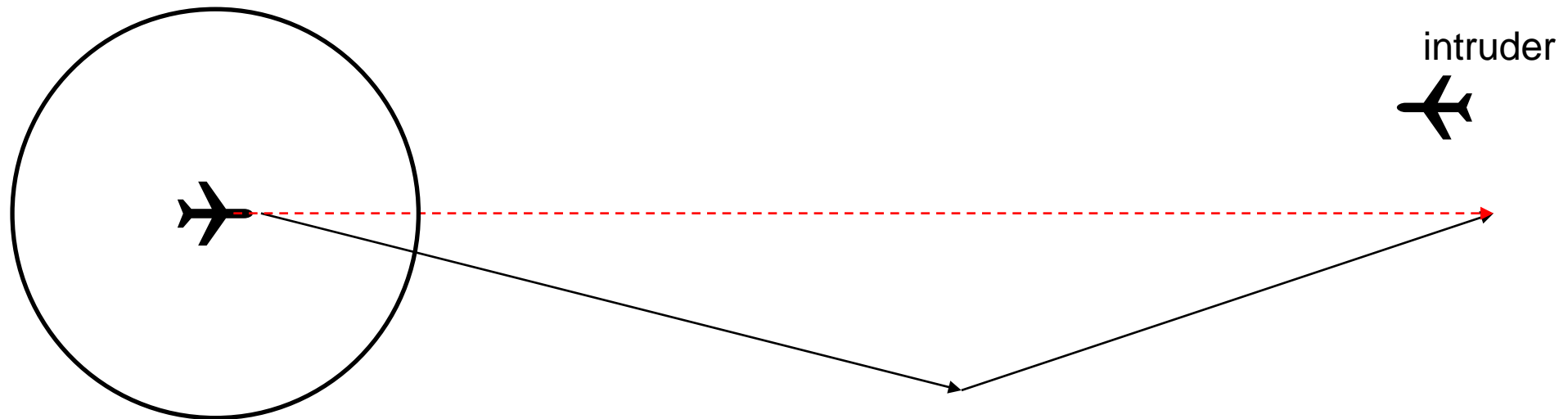


Forbidden Airspace



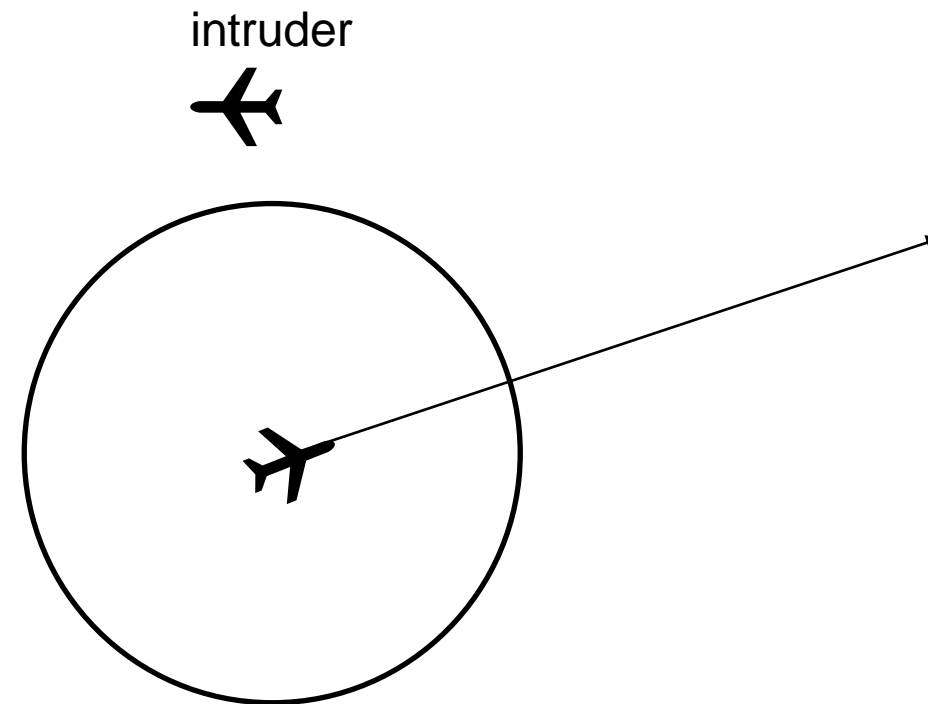
Forbidden Airspace

Forbidden Airspace



Forbidden Airspace

Forbidden Airspace



Forbidden Airspace

In-flight deconfliction



THANK YOU FOR
YOUR ATTENTION