

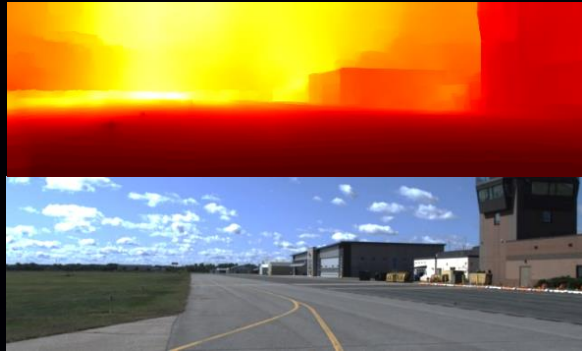
23 March 2021

MAKING IT REAL **AI IN AVIATION** BUILDING THE FUTURE OF AERIAL MOBILITY

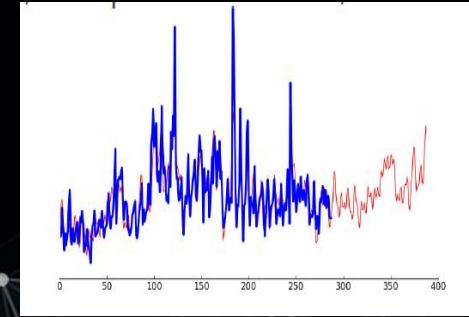


GEORGE PAPAGEORGIU
DIRECTOR
ADVANCED TECHNOLOGY EUROPE

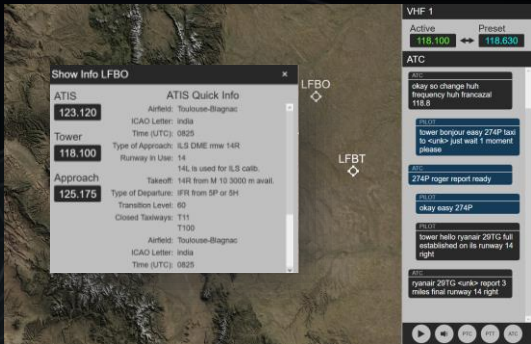
AI IN AVIATION HAS ARRIVED



VISION



TIME SERIES



SPEECH



**NATURAL
LANGUAGE
PROCESSING**

AUTONOMY

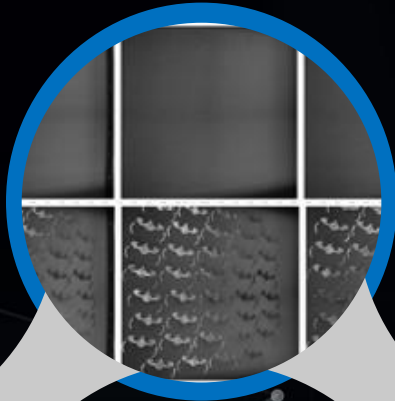
**HUMAN-MACHINE
INTERACTION**



PROOF-OF-CONCEPTS AND COMMERCIAL OFFERINGS

AI CAN PROVIDE VALUE ACROSS AVIATION

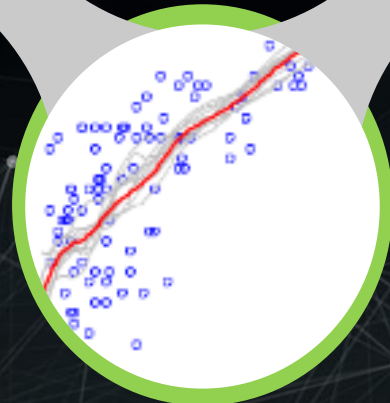
ANOMALY
DETECTION



PILOT ASSIST



PRODUCT
SUPPORT



HEALTH & PERFORMANCE
OPTIMIZATION

AUTONOMY

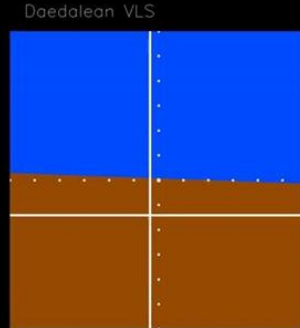


**REALIZING
THE FULL
POTENTIAL...**

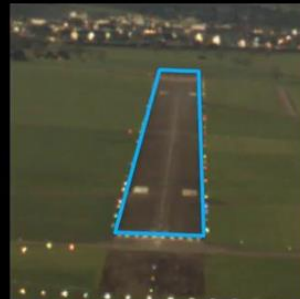
**BRINGING AI
ONBOARD
AND TO ATC**

TOWARDS AUTONOMY... VISUAL LANDING SYSTEM

- Single camera
- Vision-only
- Paved runways
- Pilot assistance or autoland



Dist to threshold [m]
1727
Lat Dev right [m]
11
Height above RWY [m]
131



Daedalean • March 2021



CHALLENGES TO ADDRESS

DATA LIMITATIONS &
PERFORMANCE



BIAS & ETHICS



EASY TO
OVERSELL



CERTIFICATION



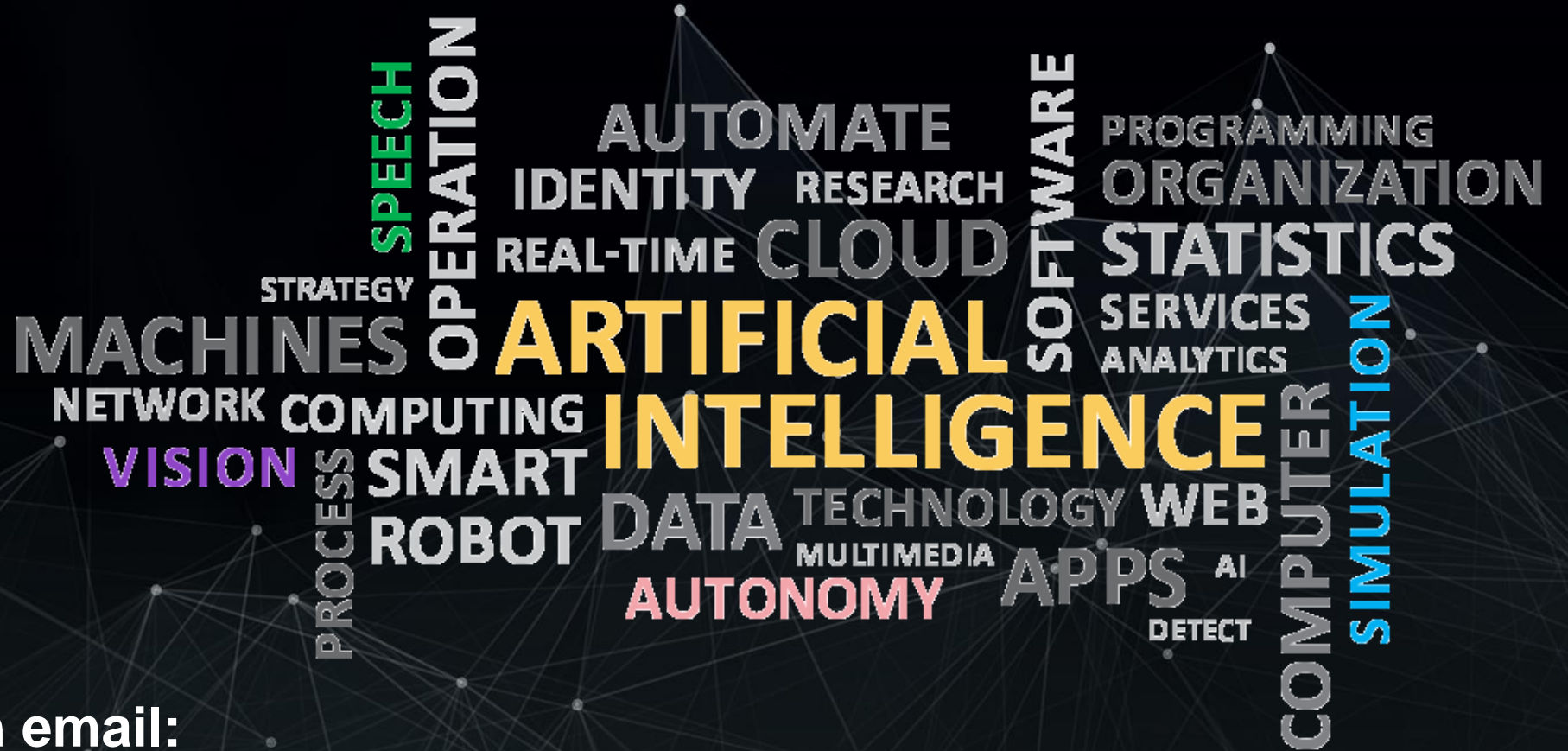
TRUSTWORTHY AI



TALENT GAP

THE ECOSYSTEM NEEDS TO WORK TOGETHER

LET'S SHAPE THE FUTURE TOGETHER



Have a question?
Please send me an email:
george.papageorgiou@honeywell.com