



Smart Tooling Promo event II

27 september 2018

Integrated Workflow for outside inspections



How can drones help ?

- More frequent inspections
- Less infrastructure downtime
- Safer inspections
- More objective & consistent data





THE CHALLENGE FOR PROFESSIONAL DRONES: Low risk and high speed acquisition of consistently high quality data

Fly Safely



No collisions!!!

Fly Accurately



Collect high quality images

Fly Automatically



Work faster
with a smaller crew



OUR SOLUTION

RGB or THERMAL camera



AVULAR CURIOSITY PLATFORM

Light, low impact (<5KG)

- Easy to deploy
- 20-30min autonomy



Collision avoidance

Accurate Positioning (RTK)

Geofencing to avoid ATEX and other zones

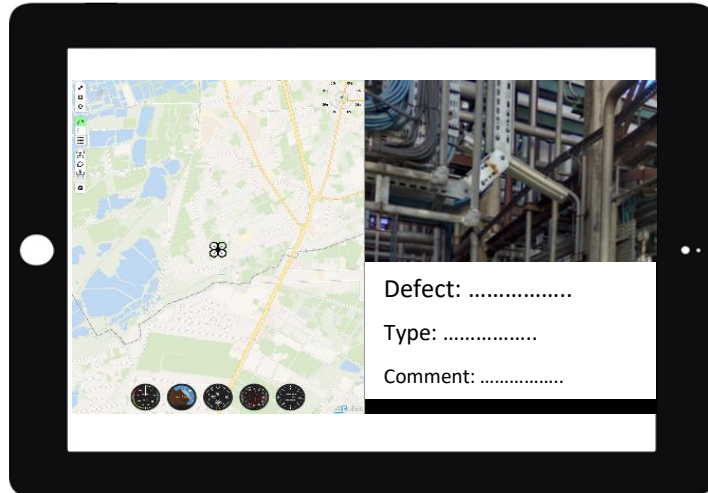
Easy Navigation software

Data-management software

Mechanical protection to avoid damage
Following an impact



OUR SOLUTION



- For each installation:**
- Points-of-interest
 - History
 - Coordinates for easy follow-up inspections



VALUE FOR ASSET OWNERS & MAINTENANCE TEAMS

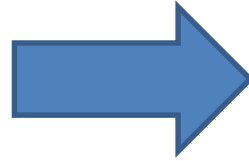
- Find defects in difficult to reach areas
- Monitor the evolution of these points-of-interest
- Gather relevant input for maintenance plans



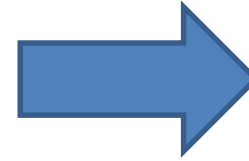


PLANNING

Subcomponent development



Platform
Integration



Data-management software

