

CANARD DRONES

smart solutions for smart airports



About us

CANARD DRONES was born in 2015 to offer an alternative solution for inspection of NAVAIDs and airports using drones and custom software tools.



The traditional solutions for ground and flight inspection of airports and NAVAIDs have a very high direct cost and are very complex in terms of planning. CANARD provides a smart tool for airport maintenance. It is a disruptive solution that saves money and time.



CANARD has a team with huge experience in the Aerospace Industry, with competences and deep understanding of our customer's needs. These skills are key to develop the best solutions that are solving airports problems.



CANARD has received several awards and recognitions, which makes us one of the most awarded tech startups in this industry, graduating from Startupbootcamp and ESA BIC incubators. CANARD has been granted R&D programmes, which have provided resources to continue innovating.



Just now there are around 10,000 commercial aircraft flying around the world, 1.1 million people depend on the safety of navigation systems, at all times.*

100,000

commercial flights around the world every day

1.1

millions of daily passengers

21,150

commercial aircraft with more than 100 seats

7,000

commercial airports

15,000

airports and aerodromes

48,000

aircraft in the next 20 years

*Flight Aware 2017 data

How we work

CANARD provides a simpler, faster and more flexible solution for NAVAIDs and airport inspections offering two options.

Solutions



With the purchase of our solution, we provide all the necessary resources to operate it (drone, payload, software tools, operational and maintenance support, ...). We provide training and support so our solutions can be operated by the end customer or a third party.



Services



CANARD performs inspections and calibrations with our fleet of drones and certified pilots, including COoR (Critical Operations on Request) cases. We take over the whole operation and provide the end results and reports.

Solutions and consultancy tailored to our customers on request

In order to perform the inspections in any country, CANARD obtains all the permits and certifications from the local CAA to operate drones within the airport environment.

In addition to the relationship with the CAA, CANARD coordinates with the airport the schedule and the logistics for the operation.

Spanish
DoD CAE

French
DGAC
recognition

We have successfully performed PAPI verifications and commissioning in France, Poland, Spain, Finland, and Panama among other countries.



CANARD has obtained an official certification from the French DGAC for CANARD's solution and procedures.

Inspected systems

The integral solution developed by CANARD supports several types of inspections and maintenance activities in the airport environment and air navigation systems.



PAPI
Precision approach
path indicator

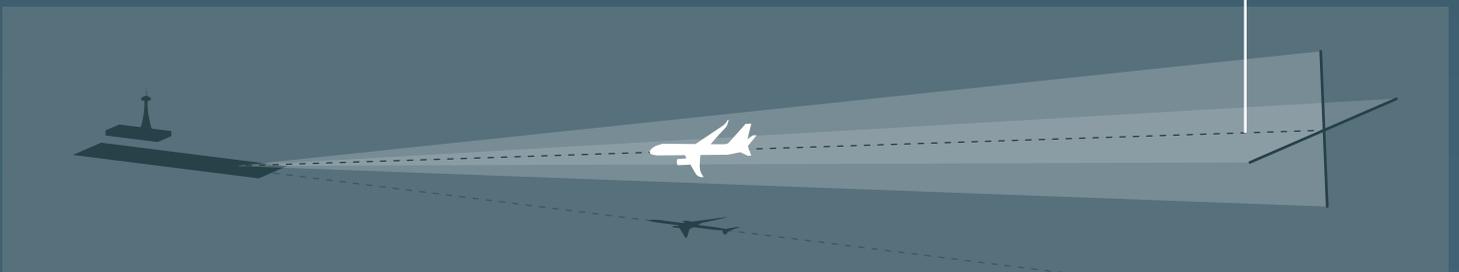
Pavement
inspection

Runway
lights

ALS
Approach
Lighting System

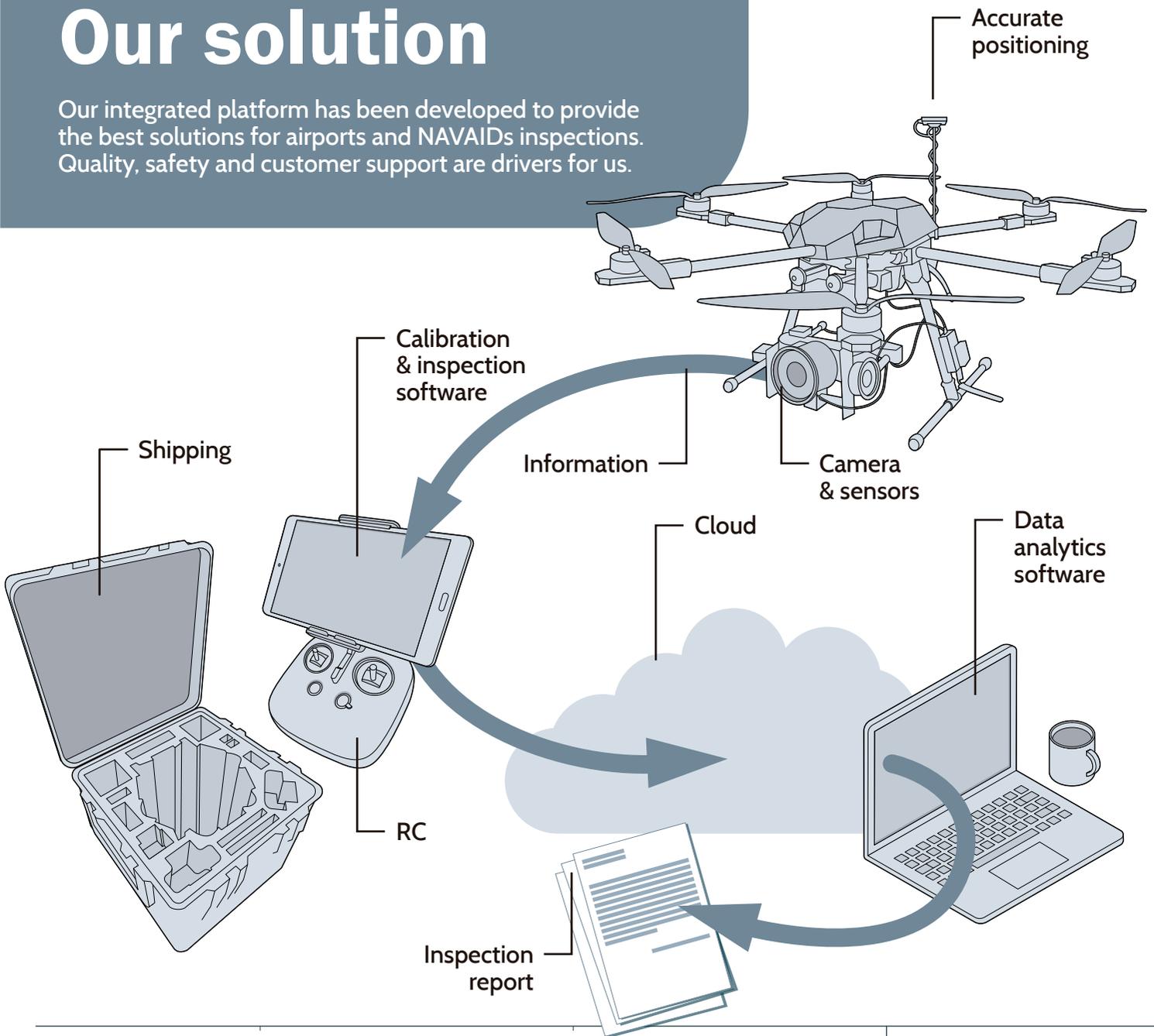
VOR
Very High Frequency
Omnidirectional Range

ILS (LOC & GS)
Instrument
Landing System



Our solution

Our integrated platform has been developed to provide the best solutions for airports and NAVAIDs inspections. Quality, safety and customer support are drivers for us.



Team



pilot + operator

Failsafe mechanisms

Geofencing



Return to home



Battery low



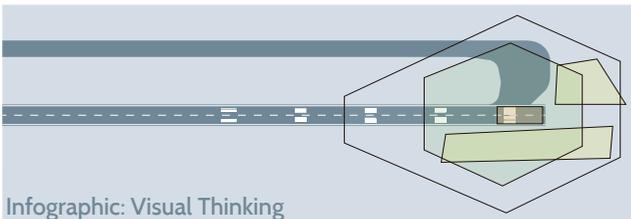
Operational support Maintenance



Procedures

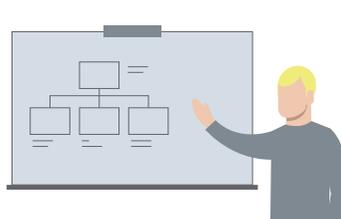


Operational area



Infographic: Visual Thinking

Training



1 Cost saving



CANARD's solutions reduce the time required for maintenance and inspection activities, minimising or removing the use of other tools such as flight inspection aircraft.

2 Customer services



CANARD provides support to customers with best-in-class quality services.

3 Time saving



CANARD performs inspections in only a few minutes, thanks to automated operations, software tools and quick deployment.

4 Efficiency



CANARD's smart solutions reduce runway occupation, operating within controlled airspace in scheduled runway closings, and even at night.

5 Automation



CANARD's operational procedures are automated, reducing risks and improving accuracy.

6 Certification



CANARD's smart solutions are compliant with international and local regulations and safety standards.

7 Risk reduction



Thanks to the operational planning and automated procedures, as well as failsafes and safety measures, CANARD can assure risk reductions.

8 Digitalization



The digitalization of the data of our inspections allow integration of information systems and data analytics.

9 Availability



CANARD's solutions allow a quick response to customer needs worldwide, unlike other expensive and scarce means such as flight inspection aircraft.

10 Smart Management



CANARD allows airports, air navigation services providers and aviation authorities self-sufficiency for NAVAIDs and airport inspections. Our products can be operated by any third party that receives our training and validation.

CANARD DRONES SL

Av. Gregorio Peces Barba, 1, 28919 Leganés, Madrid

CANARD DRONES LTD

71-75 Shelton Street, Covent Garden, London, England, WC2H 9JQ

info@canarddrones.com

canarddrones.com