

## SQUADRONE SYSTEM

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# CUSTOM DRONES DESIGN AND MANUFACTURING

## DRAMATICALLY IMPROVE YOUR BUSINESS PROCESSES

Automate and secure the work of your teams  
Increase your productivity  
Digitalize your company

## OFFER INNOVATIVE SOLUTIONS

Explore, test and validate  
Differentiate your offer with an existing or tailort made drone  
solution Generate extra revenues



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[www.squadrone-system.com](http://www.squadrone-system.com)

They trust us :



THALES



LIGHT UP  
YOUR FUTURE  
**HARDIS**  
GROUP



hexo+



SQUADRONE  
SYSTEM 



## DESIGN AND PRODUCTION OF UAVS

- ✔ Sizing and optimization of the autonomy/ payload ratio
- ✔ Integration of specific sensors dedicated to business need
- ✔ Indoor and outdoor UAVs piloted or autonomous



## SOFTWARE DEVELOPMENT AND CONTROL API

- ✔ Artificial intelligence and embedded software to carry out missions
- ✔ Interconnection with the existing ecosystem thanks to the SDK of its Brain4Power autopilot
- ✔ Multi-sensor data fusion



## VALIDATION AND QUALITY PROCESS

- ✔ Testing and validation process to ensure the security and reliability of the solutions
- ✔ Software and hardware flight simulation
- ✔ Certification, industrialization and production

## IDENTIFICATION OF A USE CASE

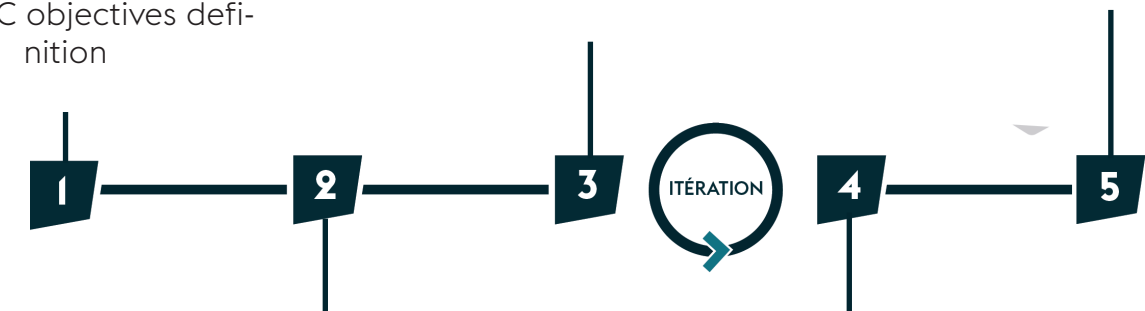
Understanding of the real business; Targeting and description of a use case; Business case writing; POC objectives definition

## PROTOTYPE DEVELOPMENT

Working in collaboration with end users; Software development; Hardware development

## INDUSTRIALIZATION AND DEPLOYMENT

Production on a varying scale; deployment of the final solution



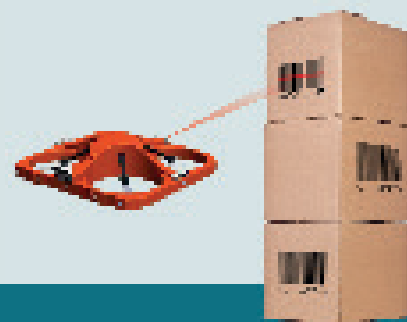
### PROOF OF CONCEPT

Proving feasibility  
Demonstrations of unit functions; Identification of required developments

### TEST ET VALIDATION

Tests in simulation; in a real environment. Hardware and software short cycle iterations. Adjustment of specifications and use case. Final validation of the prototype.

## APPLICATIONS OF OUR UAVS



### DATA COLLECTION

With the help of many sensors, our UAVs collect all types of data more reliably: people search, counting, stock control, inventory, asset location, quality control, VIP tracking...

Current technologies increase the possibilities of drones tenfold: RFID, image processing algorithms, computer vision, infrared...



### TRANSPORT

Squadrone System UAVs can carry loads over short and long distances. These new transport solutions make it possible to complete a transport offer for small urgent or strategic loads.

The medical, industrial and civil security sectors are the first to have identified the added value of unmanned air transport.



### AIR ACTIONS

UAVs are true flying robots with capabilities that were unimaginable just a few years ago. From the air, they can act on their environment and perform dangerous or impossible operations from the ground:

Object deposition, aerial projection, buoy dropping, bi-directional communication, internal maintenance in hostile environments, aerial interception,...