

Launchers
Satellites
Transversal competencies
Balloons



Hionos helps every aircraft manufacturer to build a software Flight Controller meeting most demanding aeronautics embedded software standard (DO-178C), while ensuring cost and time control.

Hionos has been built around the two major skills:

- The ability to develop safety critical, DO-178C software;
- The ability to develop software for drones.

COMPETENCIES & CAPABILITIES

Thanks to our sound experience in safety critical software development for different type of aircraft, we provide manufacturers a mix of process, development environment and already developed software allowing to meet safety regulation objectives (DO-178C) efficiently.

#FlightController

#DO-178C

#Safety

#Autopilot

HIONOS

PRODUCTS & SERVICES

Hionos provides three different products:

1. **Supvareno®**: A process compliant to DO-178C, approved by DGA and Onera;
2. **Pulsar**: A COTS autopilot for drones, compliant to DO-178C;
3. **Pulsar Factory**: A development environment to modify Pulsar.

Our product package allows our customers to choose reusable software bricks and develop the elements specific to their project.

Our development environment ensures a **cost reduction up to 80%** compared to the development of a Flight Controller from scratch and a **reduction of the development duration from 30% to 80%**. Moreover, it will allow small and medium companies to access safety critical market segment that is currently too expensive to reach.

MAJOR SPACE PROJECTS & REFERENCES

CNES : For a project requiring DO-178C compliance, the CNES decided to evaluate Pulsar Factory and Supvareno.

The goal of the project was to set up and deploy a development environment to develop efficiently and in compliance to DO-178C a safeguard equipment reusing previously developed software.

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TURNOVER Not Relevant in 2020 (Product Launch)

WORK FORCE 12 people

SPACE TURNOVER

SPACE WORK FORCE