

PragmaDev partners in a major digital integration project in the aeronautic sector.

Paris - France - December 14th, 2021 - PragmaDev is proud to be a partner of the OneWay project, led by Airbus and supported by DGAC (the French Civil Aviation Authority), which aims to ensure digital continuity throughout an aeronautical program.

In today's global economic competition, the aeronautics industry represents one of France's strengths. Made up of large companies, mid-size companies and small and medium-sized companies, the French aeronautics sector is the only one, along with the one of the United States, to have all the capacities to develop, produce and market aircrafts, civil or military. The French government has put in place a support plan for the aeronautics sector, the objective of which is to preserve French know-how and skills, while achieving the profound transformations to be carried out in favor of ecological transition. The strategy is geared towards environmental transition and the decarbonisation of air transportation.

The French aeronautics industry has acquired a recognized expertise of the complexity of its products, its programs and the interactions within its value chain. However, it must face growing challenges to acquire better control of its cycles, better efficiency of its engineering activities and to ensure continuous improvement in the performance of its products and support systems. At the same time, it must integrate technological innovations as quickly as possible and take advantage of the opportunities offered by emerging information technologies. These challenges inevitably lead to a need for a radical transformation of engineering methods within the French aeronautics industry and it is in this context that the ONEWAY project is situated.

The ONEWAY project aims at maturing digital functional bricks for the following capacities:

- **Digitalization, MBSE modeling and synthetic analysis by substitution model, of all the information and under all the points of view necessary for the design and validation across an extended enterprise of the complete aircraft system and at all its levels of decomposition,**
- **Generic and instantiable configuration management throughout the life cycle, on products and their support systems, in product lines or on aircraft programs, interactively in the context of an extended enterprise,**
- **Decision support for launching, then controlling and steering a Product Development Plan interactively in the context of an extended enterprise,**
- **Helping the efficiency of IVVQ activities: its operations, its testing and data processing resources, its ability to perform massive testing.**

The project started in May 2021 for a period of 18 months and a budget of 48 million Euros. It brings together 14 partners: Airbus, Dassault Aviation, Liebherr Aerospace, Safran Electrical & Power, Safran Aerotechnics, Thales, Altran Technologies, Cap Gemini, Sopra Steria, CIMPA, IMT Mines Ales, University of Rennes 1, ENSTA Bretagne, and PragmaDev.

About PragmaDev

PragmaDev is a privately held company based in Paris France that provides two sets of tools: PragmaDev Process to describe and verify business processes, and PragmaDev Studio to specify and design communicating systems: PragmaDev customers include Airbus, Nokia, Renault, the French Army, Wipro, ST-Microelectronics, Korean Telecom, the European Space Agency, Toshiba, and LG Electronics.

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