

Contact

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Bio

Born in 1973, French,
Head of Dosoft Consulting,
20 years of experience
in critical software
and aerospace systems
certification aspects.

Standards

- D0178, D0278
- D0330, D0331, D0332, D0333
- D0200
- D0254

Expertise

- All software and database aspects of certification, with a focus on Model Based approaches
- Knowledge of the key actors of the aeronautical certification domain (Aircraft manufacturers, system/equipment suppliers, Airworthiness Authorities)
- Eurocae Member, A400 accreditation, Airbus D0200 special adviser

Soft Skills

- Used to working in high-complexity international contexts
- Organisational capacities
- Sociability, Reactivity, Curiosity
- Full professional English
- Professional working Spanish

Laurent POMIES



Airborne and Ground Aerospace
Software and Methods Expert

Education

Engineer, Signal and Image Processing – Centrale Marseille, 1997.

Professional Experience

CONSULTANT FOR AIRBUS GROUP

Since 2003

- **Software Process Assurance** for Airbus Commercial and Airbus Helicopters, on multiple equipments in areas of surveillance, communication, flight control, radio-navigation, air systems, landing gear...
 - Audits and reviews of the systems providers for applicable standards compliance assessments (Airbus Directives, D0178, D0330, D0200, aircraft Certification Review Items - Assurance levels A to D).
 - Support to the design office for all software aspects of certification, including interface with Airworthiness Authorities (EASA).

DOSOFT CONSULTING

Since 2006

- **Audit, training and consulting** in all areas linked to software and database aspects of certification
 - Activities range from basic D0178C training to contribution in definition and optimization of complex development processes.
 - Involved on projects at AIRBUS (Spain) / Astronautics (USA) / ACTRI (China) / Elbit (Israel) / CMC electronics (Canada)...
 - Representative experiences:
 - Process assessment and streamlining of SCADE based processes on AIRBUS 350 Landing Gear developed by SAFRAN (Level A)
 - Significant contribution to the definition of a new certifiable SCADE based process for FN Herstal (Belgium)
- **Standardization:**
 - Former member of the RTCA SC205 / EUROCAE WG71, in charge of writing D0178C, D0278A, D0330 and technological supplements. Strong involvement in Model Based aspects (D0331).
 - Active member of the RTCA SC217 / EUROCAE WG44, in charge of aeronautical databases aspects: current work focused on D0200 rev C.
 - Active member of the RTCA SC240 / EUROCAE WG117, focusing on the production of guidance for integration of COTS, Open Source and use of service history in Software.

OTHER EXPERIENCE

Since 1998

- 2001 to 2003, as a CS France employee: for the Europe Union, participation in UML based research and development projects.
- 1998 to 2001, as a Logiquial employee: For SIEMENS Automotive, audio products software developer, architect and configuration management team leader.