

We design to improve performance, while our Safety critical systems are engineered to ensure the Safety and reliability of your Aerospace operations.

Bluewind is a premier Research and Development company who creates cutting-edge electronics, embedded systems, and Safety critical systems for the Avionics and Aerospace domains.

APPLICATIONS



SAFETY COMPLIANCE

We provide analysis and assessment of avionic Safety concepts according to industry standards such as DO-254, DO-160G, DO-178C and CAST-32A/AMC 20-193, and we offer support for EASA certification.



SOFTWARE DEVELOPMENT

DO-178C compliant software for Avionics.



HARDWARE DEVELOPMENT

Safety-compliant ECUs for Avionic applications.



RUST AND ADA

RUST or ADA are used for an easier compliance to DO-178C.

BLUEWIND VALUE

Bluewind provides all the critical foundations of modern Avionic and space development which include: Hardware Design, Wireless Design, Software Technology, Artificial Intelligence, Safety System Design, Cybersecurity and Testing.



CUSTOMER'S BENEFITS

- Single provider for a full design solution.
- Full compliance with the Avionics Safety standards such as DO-254, DO-160G, DO-178C .
- Support in the architecture definition of the Avionic concept.
- Officially Authorized Competence Center to major Semiconductor Manufacturers.
- Academy program on Safety and Cybersecurity.



KEY EXAMPLES

Hybrid Motor ECU for Light Aircraft

Software Refactoring According to DO-178C

Avionic Safety Concept for Light Aircraft

RTOS Deployment for Avionic Safety Critical



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