

Civil Certification Services

Ensuring FAA Compliant Safety-Critical Software and Hardware



ENSCO, a recognized leader in providing DO-178C, DO-254, DO-278A and other safety-critical commercial and military solutions, brings more than 30 years of experience in providing full or partial software and hardware solutions to the certification life cycle.

Plan, Execute and Achieve Compliance

ENSCO has an established history of building long-term relationships in both the commercial and military sectors, providing certification services across a wide spectrum of avionics systems.

FAA, EASA and Transport Canada Certification Support Offerings

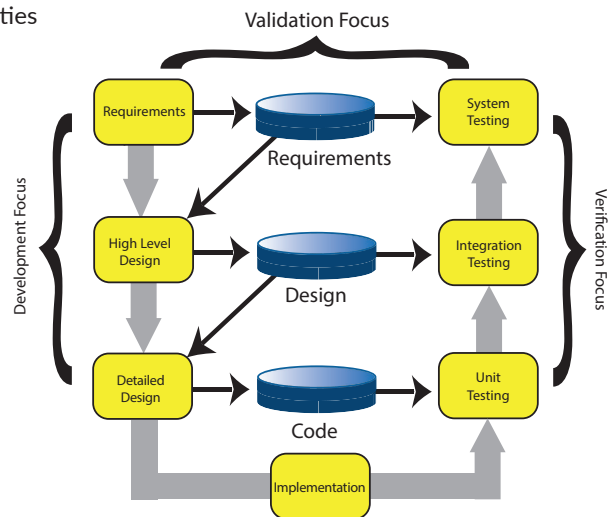
- Project oversight and guidance
- Certification liaison with FAA, military and other certification authorities
- Gap analysis and recommended steps for closure
- Customized training
- Planning, standards and process documentation
- Full or partial DO-178C development and verification services
- Full or partial DO-254 development and verification services
- Tool selection, tool qualification, artifact review
- Aircraft certification (TC, STC, ATC processes)
- Equipment certification (TSOs and PMAs)
- Certification impact analyses

Benefits

- Mitigate certification risk and related cost impacts
- Minimize schedule and budget overruns
- Fill technology gaps with access to subject matter expertise
- Take advantage of the industry's best practices
- Realize long-term ROIs across future programs

Domain Expertise

- DO-178C – Airborne Systems and Equipment Certification
 - DO-330 – Software Tool Qualification
 - DO-331 – Model-based Development and Verification
 - DO-332 – Object Oriented Technology and Related Techniques
 - DO-333 – Formal Methods
- DO-254 – Airborne Electronic Hardware
- DO-278A – Communication, Navigation, Surveillance and Air Traffic Management
- ARP-4754A – Aircraft and Systems Development
- ARP-4761 – System Safety Assessment



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