



Engineering Services

The problem

Our customers design systems & subsystems that include **safety critical embedded software** such as engine controls, avionics, and more. Our customers are typically Tier1 and Tier 2 suppliers to the aeronautics, defense, space, and automotive industries, and they can be challenged with variable workload due to product development cycles, expertise gap, and constraining schedules and budgets.

Our offering

- Mission and Safety Critical Software Life Cycle (DO-178B/C, ISO26262, EN50128)
- Model Based Design
- System Level Software Verification
- Application Software Development
- Test Bench design
- Cybersecurity (J3061, DO-326A)
- Formal Methods
- System and Safety Requirements (ARP4754A, ARP4761)
- DOORS implementation
- Project Management
- Configuration Management
- Software Quality Assurance
- Certification Office

Benefits

CS Canada support leading systems makers with on-demand engineering capabilities, world-class experts in niched skills, and important savings thanks to highly automated processes and offshore capabilities.

Why CS Canada?

We have been involved successfully for +15 years with the most demanding and the highest level of critical systems in the aerospace industry with jet engine controls within DO-178C Level A certification with the largest OEMs in North America and many other critical systems for aeronautics, space, automotive, train, and industrial markets.

This expertise is now available at your service!