

Meeting the Challenges of DO-178B Testing



Challenge:

The engineers at Honeywell needed to achieve DO-178B structural coverage using minimal time and resources and increase the reliability and quality of their flight software. Honeywell needed test tools that supported DO-178B compliance and both the Ada and C languages.

Solution:

Honeywell selected VectorCAST/C++ and VectorCAST/Ada for unit and integration testing and VectorCAST/Cover for code coverage analysis.

Details:

Honeywell Aerospace is a leading global provider of integrated avionics, engines, systems and service solutions for aircraft manufacturers, airlines, business and general aviation, military, space and airport operations. Honeywell has successfully used VectorCAST as a standard for software quality and testing for safety essential and critical applications on several commercial and defense aerospace applications.