

EADS uses VectorCAST for DO-178B Development

Challenge:

EADS Defence Electronics in Germany is developing avionics software for the A400M Military transport, as well as the "Eurogrid Tactical Maneuver Computer - Graphical Elevation Processor (GEP)" for the Eurocopter Tiger helicopter. The challenge was to achieve DO-178B structural coverage using minimal time and resources.

Solution:

VectorCAST was chosen because of the tight integration with the Green Hills environment and the high level of automation provided. On the Eurocopter Tiger project for example 99.55% Level C Coverage was achieved in 2.5 months using VectorCAST.

Details:

EADS has been using VectorCAST products on projects such as the A400M and Tiger since 2004. Products used include: VectorCAST/Cover, VectorCAST/C++, and VectorCAST/RSP, as well as the VectorCAST DO-178B qualification materials for these products.

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