Beyond the Visible: Enhanced Vision Systems

Challenge:

The Opgal organization needed a robust software test solution that would identify, solve, and prevent code issues so that their Enhanced Vision System (EVS) cameras provide clear pictures for improved flight safety both in the air, and on the ground, in all weather conditions. In addition, the EVS applications were required to meet strict DO-178B Level B standards.

Solution:

Opgal selected the VectorCAST/Cover™ and VectorCAST/C++™ embedded software test solutions, which offers an integration with the Wind River VxWorks® RTOS, to ensure that the company was able to meet DO-178B standards and provide high quality software for the EVS project.

Details:

Going forward, the Opgal company plans to use their VectorCAST test environment to drive software quality, time-to-market, and safety-critical standards initiatives.

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