



SCADE Suite

A Design Story

Transport Canada Certification For Pratt & Whitney PW610F : SCADE KCG speeds time to market



Pratt & Whitney

On July 27, [P&WC](#) received Transport Canada Type Certification for the PW610F engine, set to power very light jets.

Esterel Technologies [SCADE Suite](#) has been used to design the complete application software for the EEC. [SCADE Editor](#), the graphical front-end module of SCADE Suite, eased communication and requirement transmission between development and certification of the engine controller. SCADE libraries allowed



important reuse of elements from current and previous projects.

[SCADE Simulator](#) enabled delivering validated requirements to subcontractors in charge of final software integration. The use of [SCADE KCG Qualified Code Generator](#) together with the Qualified [SCADE Model Test Coverage](#) module suppresses the requirement to perform MC/DC testing on generated C code. As a result, projects are completed early and saving resources, time and money.



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