

JSF SEAL Software Certification Support

FEATURES AND BENEFITS

- Meets application requirements where Joint Strike Fighter (JSF) Safety Evidence Assurance Level (SEAL) is the acceptable means of compliance.
- SEAL evidence package supports systems requiring SEAL level 1 “safety-critical”.
- SEAL 2 and SEAL 3 evidence data can also be provided.

INTRODUCTION

SEAL is a process defined as an acceptable means of showing compliance with the applicable airworthiness regulations of software in certification of the F-35 Joint Strike Fighter.

CoreAVI develops software drivers and libraries to meet RTCA DO-178B, RTCA DO-178C, ISO 26262, and additional functional safety standards. CoreAVI provides safety evidence meeting SEAL 1 requirements. CoreAVI software elements are developed outside the context of F-35 flow-down requirements and provide industry standard Application Programming Interfaces (API). The high-level functional requirements for the software are based on industry standards such as those published by The Khronos Group. As the software provides a general-purpose API, it is not specific to a particular application and may be used by various applications.

Please contact Sales@CoreAVI.com for more details.