European Union Aviation Safety Agency

FAQ n.139175

FAQs:

Development Assurance for Software or Hardware, Air Traffic Management / Air Navigation Services (ATM/ANS) ground equipment, Regulations

Question:

Who is going to define software / software assurance level (SWAL) requirements for a particular ATM/ANS system? EASA, ANSP, ...?

Answer:

The design or production organisation (DPO) should anticipate the SWAL that is expected by the air navigation service provider (ANSP). This SWAL needs to be incorporated into the DPO's software development process of the equipment. The EASA attestation is granted according to that SWAL. It is the responsibility of the DPO to declare the SWAL that will be followed for the development of the equipment. This needs to be documented by the DPO in the certification programme.

The ANSP has the responsibility to select equipment in accordance with the safety assessment and the SWAL requirement for the functional system.

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Link:

https://www.easa.europa.eu/en/faq/139175