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# Developing Safety Critical Software A Practical Guide For Aviation Software And Do 178c Compliance

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Safety-Critical Requirements - Jama Software

In software engineering, software system safety optimizes system safety in the design, development, use, and maintenance of software systems and their integration with safety-critical hardware systems in an operational environment.. Overview. Software system safety is a subset of system safety and system engineering and is synonymous with the software engineering aspects of Functional Safety.

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All of these approaches improve the software quality in safety-critical systems by testing or eliminating manual steps in the development process, because people make mistakes, and these mistakes are the most common cause of potential life-threatening errors. Examples of safety-critical systems

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