



You

DO-178C defines 10 processes of the software life cycle and categorizes several objectives within each process, as shown in Table 1.

Process	Number of objectives
Software planning	7
Software development	7
Software requirements	7
Software design	13
Software coding	9



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Synopsys helps development teams build secure, high-quality software, minimizing risks while maximizing speed and productivity. Synopsys, a recognized leader in application security, provides static analysis, software composition analysis, and dynamic analysis solutions that enable teams to quickly find and fix vulnerabilities and defects in proprietary code, open source components, and application behavior. With a combination of industry-leading tools, services, and expertise, only Synopsys helps organizations optimize security and quality in DevSecOps and throughout the software development life cycle.
