DO-178C Workflow with Qualified Code Generation

Effort Distribution in Traditional Development Workflows

Specifications → Unit Design & Implementation (5% to 10%) → Integration (20% to 40%) → Test (30% to 50%) → QC Verification

Effort Distribution in Model-Based Design Workflows

Specifications → MATLAB/Simulink Design → Autocompilation (5% to 10%) → Integration (20% to 40%) → Test (30% to 50%) → QC Verification

* Effort estimates are approximate and can vary depending on project size and complexity.

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