V＆V Plus

The complete solution for affordable, stress-free safety certification

SCOPE

Critical Software covers specific V＆V needs by offering customers a tailor-made service package that covers the full range of safety and V＆V activities for safety-critical systems and software projects. The service provides customers with a range of options to satisfy all their unique V＆V and safety project needs. This service package is supported by a team of experts specialising in safety and certification, with each expert fully-trained to deal with the impact of such activities on project performance.

This service covers the following areas: aerospace, space, defence, railway, automotive, industrial systems and medical devices.

KEY ACTIVITIES

The activities included in the V＆V Plus range from planning and preliminary safety assessments to final system testing. This allows customers to select and tailor activities to their specific project needs.

Typical activities include:

• Certification support including liaising with the relevant certification agencies.
• Project planning to efficiently tackle safety and certification requirements.
• Safety analysis addressing system and software aspects.
• Requirements analysis, including reviews, changes and organisational improvements.
• Design reviews, including the integrity of partitioning for safety segregation.
• Source code reviews and HDL, including the production of required review evidence.
• Testing services (SW unit/module, SW integration, HDL design testing, system testing).

DELIVERABLES


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