

V&V Accelerator

Overcome peak workloads and unexpected challenges with our V&V quick-response team

SCOPE

Many projects face challenging workload peaks and unexpected difficulties even when activities are carefully planned out. V&V activities are particularly susceptible to these challenges because they are often tightly squeezed around project milestones with little room for maneuvering. Critical's V&V Accelerator service provides a quick-response team of experts to help customers overcome project peaks and other unplanned and challenging situations. This service can be called on at any point of the development life cycle to boost V&V activities the project may be struggling with. This can be used as a modular month-by-month service or in sprints, providing customers with the freedom to tailor the level of support they need.

KEY ACTIVITIES

With the ability to call on our support at any point during the project life cycle and the freedom to combine a host of other useful features, the V&V Accelerator service has proven to be a highly flexible solution for our customers. Key elements include:

- A review of software and/or system requirements, including a review of traceability.
- A review of design documentation including the integrity of partitioning, if applicable.
- A review of source code, including a review of checklists and the verification of traceability.
- Unit/module testing of software components, including specs, procedures and results analysis.
- Software and/or HW/SW integration testing, including specs, procedures and results analysis.
- System testing, including specs, procedures and results analysis.

DELIVERABLES

As this service is designed for flexibility, the deliverables depend on the exact options selected. The deliverables for review activities include:

- All formal review checklists are completed and cross-checked.
- All problem reports are filed in the agreed tool and/or format.

The deliverables for testing activities include:

- Test specifications and procedures, providing the corresponding review evidence.
- Test logs and file problem reports, in the agreed tool and/or format.



LOCATION
Worldwide



DURATION
Monthly sprint



TEAM PROFILE
A team of two
specialist V&V
engineers

Critical
software

ABOUT CRITICAL SOFTWARE

Critical Software provides systems and software services for safety, mission and business-critical applications. We work closely with our clients, helping them to meet the most demanding standards for performance and reliability.

We were founded in 1998, with NASA our very first client. Today, we work across many international industries and have offices across the globe.

criticalsoftware.com
info@criticalsoftware.com

We are CMMI Maturity Level 5 rated.
For a list of our certifications & standards visit our website.

