



Systems Engineering Forum

Virtual Series

Agile Verification and Validation

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Abstract:

Agile has become the prevalent approach to developing software either in the commercial sector or government sector. Several traditional government acquisition activities are not quite compatible with agile approach. Given that Agile focuses on frequent delivery, close collaboration, and quick feedback, conducting a traditional independent verification and validation (IV&V) in an Agile development environment is an open problem. There are several frameworks that potentially address the issues, but there is no one-size-fits-all and none are perfect. In order to balance between ensuring quality through IV&V and rapid development, understanding the context and goals of a given program is essential to making smart tradeoffs among the options. This talk will discuss six potential alternative Agile IV&V practices.