

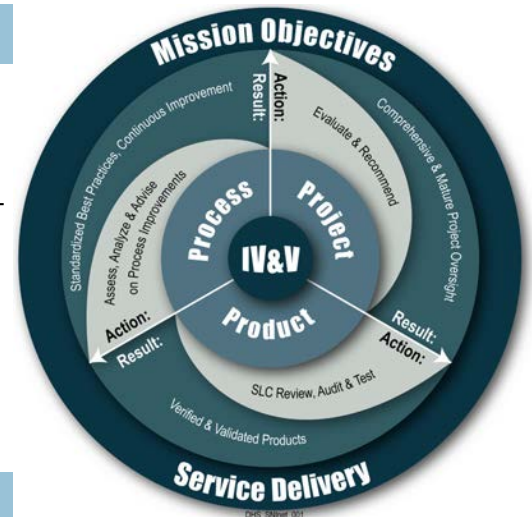
K3SOLUTIONSLLC

Independent Verification & Validation (IV&V)



Overview

Our disciplined software engineering practice, along with our knowledge of process improvement best practices, allows us to provide superior IV&V that covers all aspects of the systems development life cycle (SDLC). Using the Capability Maturity Model Integration (CMMI) framework and IEEE 1012-2004 standard, K3 Solutions has developed a robust and proven IV&V methodology that focuses on a program's most critical components.



K3 Solutions, LLC

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Solutions

Our consultants have extensive experience in process improvement and can introduce efficiencies in your process that help you achieve your business goals. Our full-service IV&V approach emphasizes the following:

- **Process IV&V** – we identify and mitigate risks early, thus preventing long-term product and project issues and ensuring adherence to documented standards, guidelines, and best practices. We review and audit our customers' current processes and recommend improvements. We concentrate on progress and performance.
- **Project IV&V** — we focus on independent project oversight and provide comprehensive and mature evaluation of the activities that keep the overall project on scope, on time, and within budget.
- **Product IV&V**— we ensure that work products adhere to SDLC standards as they are produced and that they meet the requirements of their intended use. We also provide the traditional core activities of testing, auditing, and reporting the status of actual deliverables.

For additional information, please contact:

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Benefits

Companies and agencies that have engaged in IV&V efforts have reported the following results:

- **Cost** – reductions in the cost to produce quality software products; reductions in the cost to repair defect
- **Schedule**—reductions in release delivery time; increases in the percentage of milestones met on time; increased accuracy of estimating efforts
- **Productivity**—improved reusability of processes
- **Quality**—reduced number of defects
- **Employee Morale**—increased employee retention and satisfaction; reduced need for heroic efforts to fix defects or to meet upcoming deadlines