



Application Security || Software Quality Assurance || Independent Verification and Validation || Static and Dynamic Analysis

“Dr. Maughan [Cyber Security Division Director for the Department of Homeland Security] complained about the poor quality of software being bought by agencies, coupled with the volume of software development. The takeaway for vendors here is...demonstrate how security is baked into [your product or process] and the role it might play in protecting or making the environment more secure.” -- Washington Technology, 12 June 2015

FULL-LIFECYCLE SECURITY AND QUALITY

Our approach “bakes-in” software security and quality before, during and after development and testing activities to encompass the entire SDLC from requirements building through transition to sustainment operations. Our processes will also enhance the security and quality of legacy software.

ENHANCED TESTING THROUGH AUTOMATION

Development tools have come a long way, but few teams properly integrate them with software assurance products. We utilize source control, test management and continuous integration tools like Jenkins, Rational Tools, Git, Code DX, and HP Fortify to streamline testing and increase coverage.



USING ADVANCED THREAT INTELLIGENCE

Identifying and mitigating the latest threats to software applications in an ever-evolving landscape. We leverage advanced intelligence systems curated through academic research and other analysis activities to support threat modeling during requirements building and other phases.

DEVOPS, SUSTAINMENT AND MAINTENANCE

Bridging a critical gap between software development and other IT operations, DevOps is an ideal juncture in which to integrate robust cybersecurity and assurance processes. We have deep expertise in these practices and add a unique focus on security and quality, especially for legacy products.