DEVELOPMENT & SUSTAINMENT
DEVSECOPS

KEY CAPABILITIES

DevSecOps Best Practices ◆ Integrated Threat Modeling ◆ Comprehensive Code Analysis ◆ Change Assessment and Management ◆ Automated Security Testing ◆ Compliance Monitoring and Reporting ◆ Security Training and Awareness
Security Testing Methods ◆ Software Composition Analysis (SCA) ◆ Static Application Security Testing (SAST) ◆ Interactive Application Security Testing (IAST) ◆ Dynamic Application Security Testing (DAST)

Agencies seeking to reduce software development times and implement agile practices face a growing need to integrate security at every stage of the software development process. Kurtek provides a robust DevSecOps approach that combines effective threat modeling and assessment, rigorous application of security testing practices and tools, and robust process monitoring and reporting to enable consistent early detection and mitigation of software vulnerabilities, reduce development and testing timelines, ensure compliance with government-wide and agency-specific security mandates, and build a security-aware engineering culture.

Kurtek engineers are experienced with a comprehensive range of security testing methodologies, including Static Application Security Testing (SAST), Interactive Application Security Testing (IAST), and Dynamic Application Security Testing (DAST). We have successfully integrated automated security test tools into continuous integration and delivery pipelines and agile release trains and leveraged those tools to provide program stakeholders with effective monitoring and reporting of security compliance.

Working with Kurtek gives you access to a proven combination of experience and expertise from across the global space industry. Our engineers have led the development and sustainment of numerous flagship space and ground systems, and their comprehensive knowledge, broad mission experience, and specialized skillsets enable us to deliver an effective solution for your unique needs.

REPRESENTATIVE PROGRAM

- Applied static and dynamic security test methodologies and utilized automated security test tools as part of a multi-year software development process for elements of a NOAA ground segment.

To learn more about our capabilities, email us at **info@kurtek.io** or call our team at **703-943-7236**.