



## application security services

Whether it's enterprise, web, or mobile, the two most important aspects of any application are quality and security. By integrating security into your existing software development lifecycle, software can be developed and released rapidly while maintaining appropriate security practices. The need to build secure applications has never been more important. Automated attack and compromise tools easily detect vulnerabilities in web, cloud, and "as-a-service" applications. The potential financial and legal liability can be devastating.

### Saltworks Secure SDLC

Having led development of one of the original automated web application scanning tools, as well as the secure code libraries and development environment that supported this groundbreaking product, Saltworks secure software development life cycle (SDLC) services were created to provide services for a complete security solution. Our direct experience inventing and improving market-leading secure application scanners, combined with deep expertise in structured application security best practices, help businesses of all sizes protect themselves by developing the secure SDLC expertise they need to build better code and document that process. Saltworks secure SDLC services range from best practices education to ongoing third-party validation. We also provide comprehensive consulting offerings that span from on-site coding assistance to product selection and hands-on training for automated secure SDLC tools.



## Application Security Program Creation

- Consultants work with security professionals, development staff, and other stakeholders to create an application security program plan.
- The application security program will identify how policies and procedures will be modified to address application security.
- An implementation plan for which methodologies and technologies will be implemented and a timeline will be established.
- Technologies and methodologies and the sequence of their use will be determined. These could be static analysis, dynamic analysis, penetration testing, threat modeling, and more. Generally, high-value/low-effort tasks will take priority over low-value/high-effort tasks.

## Socialization

- With any new program, the likelihood of resistance to change is high; therefore, a critical step is ensuring everyone understands the value of the program.
- We work with the developing teams to ensure the application security program can be integrated effectively into existing agile or waterfall SDLC methodologies.
- Consultants work with the security team to ensure the program meets security and compliance requirements.
- We will help business stakeholders understand the value of an application security program and how it will impact their delivery timelines.

## Tooling

- Software solutions will be implemented and configured to support the application security program, and staff will be trained on the use of these solutions.
- These solutions include static analysis, dynamic analysis, integration into defect tracking systems, as well as other solutions and integrations as needed.

## Ongoing Implementation

- Development teams will be mentored to ensure full integration of the application security program into their SDLCs.
- Saltwork consultants will work with the security staff to transition all efforts being conducted over to full-time employees. This transition ensures that when consultants leave, the program is mature and can be maintained by the staff.

## Application Security Program Manager

- The manager reports to security management to track key metrics of the secure SDLC program.

## Micro Focus Training

As a Micro Focus partner, we provide training for Micro Focus solutions.

### Micro Focus Fortify: All-Course Training

Spend a week with us and learn how to develop and maintain a secure SDLC using Micro Focus's powerful suite of security tools: Micro Focus WebInspect, Micro Focus Fortify, and Micro Focus Fortify On Demand. We offer a multi-course discount when all three courses are purchased together.

### Micro Focus WebInspect: Two-Day Course

Using a combination of manual and automated investigative techniques, students will learn to perform comprehensive web application security assessments and identify unique web application security vulnerabilities, including source disclosure, hidden content, SQL injection, cross-site scripting (XSS), and various forms of parameter manipulation.

### Micro Focus Fortify: Two-Day Course

This course will cover the key topics needed to successfully integrate Micro Focus Fortify into a secure SDLC program: administration, templates and filters, and scanning.