



Application Security

Remediation and Risk
Mitigation Solutions



Why is Application Security important for organisations?

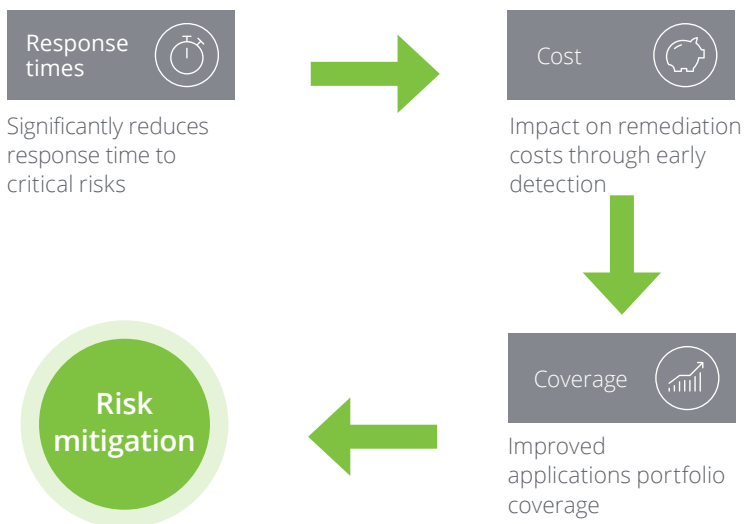
Technology is expanded beyond an organisation's physical perimeter for increased efficient performance. Applications are developed every day to optimise processes, information access, transactions and interaction with clients and employees. Applications have become one of the easiest access vectors for attackers, and must therefore not be treated separately from the organisation's security investments, but integrated with the same rigour.

Implementing code analysis processes during the application development stage is not only an excellent vulnerability prevention measure, but also raises greater time and cost efficiency within an organisation when these vulnerabilities are detected in an early phase.

63% of internally developed enterprise applications have never been reviewed from a security standpoint. Application vulnerability remediation usually occurs during the production stage with an average of 80 days until discovery, and 123 days until full remediation. Security code review services and technologies help mitigate the risk of exposure through the exploitation of application security vulnerabilities or misconfiguration.

Code review technology covers the most prominent vulnerability categories found in organisations from different sectors and industries, enabling effective risk mitigation and financial impact control.

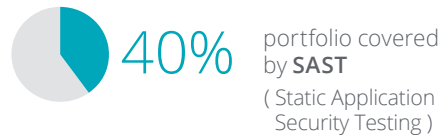
Automated Code Review Business Impact



Why choose an Application Security Service?

Application Security leverages a set of technologies designed to analyse applications' source code and binaries to provide advanced source code review services through the Deloitte Application Security Service platform.

Our Application Security service allows service delivery in a multi-vendor, multi-tenant environment under a standardised taxonomy with great reporting capabilities and vulnerability life cycle management.



Why Deloitte?

Traditional application security testing platforms have limited capabilities, usually tied to the vendor's specific philosophy and technological approach. Deloitte's Application Security services, with the aid of available best-of-breed solutions, solve current limitations with a sophisticated assessment capability managed by Deloitte's seasoned professionals.

We provide a purpose-built approach focused on providing relevant and actionable

insights to organisations, spanning security development life cycle and the required visibility to better protect sensitive data and critical applications. Drawing on a unique combination of technology, risk, regulatory, and industry experience, our solutions can help organisations to raise situational risk awareness and actionable remediation insights, thus empowering them to effectively regulate their application portfolio.

The solution proposed by Deloitte yields a set of benefits that can be summarised as follows:



Transparently managed vendor ecosystem, including license accounting and logistics



Tightly coupled integration with software development life cycle and processes



Low latency-low false positive source code review activities including manual assessments



Strong support for a broader technological stack ranging from COBOL to JAVA



False negative mitigation with multi-vendor assessment and manual code reviews

The challenge

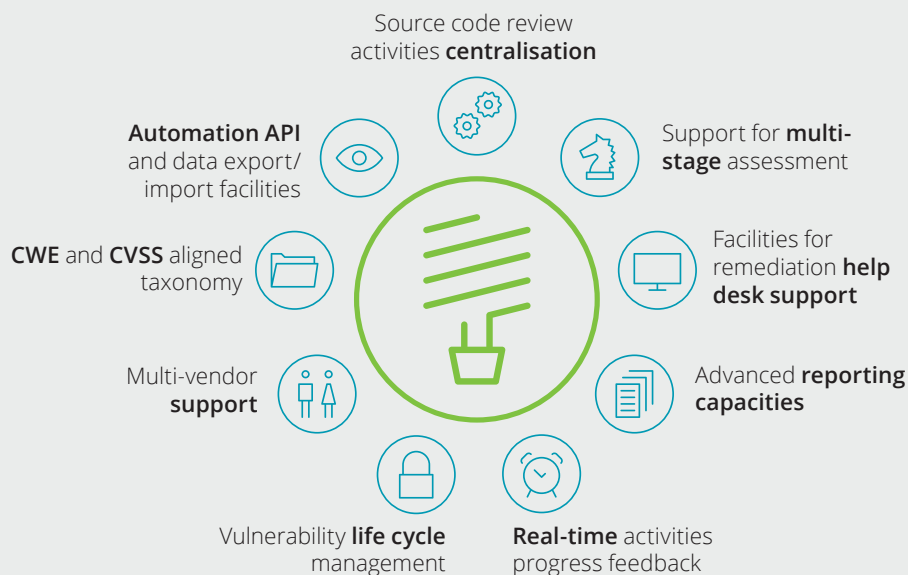
Deloitte seeks to provide clients requiring application security testing with a strong service that leverages current best-of-breed solutions and professional services while abstracting from traditional setup complications.

Our aim is to help organisations to focus on remediation and risk mitigation activities while

backed by a world-class service that can adapt to clients' evolving business and technological goals. We enable organisations to introduce mature source code review processes within an established software development life cycle, reducing integration and evolution overhead by abstracting licensing logistics, technology complexity and providing flexible security talent.

Our solution

Our Application Security service is a purpose-built platform that provides a managed multi-vendor environment to support source code review activities. The following enumeration quickly highlights selected features:





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