

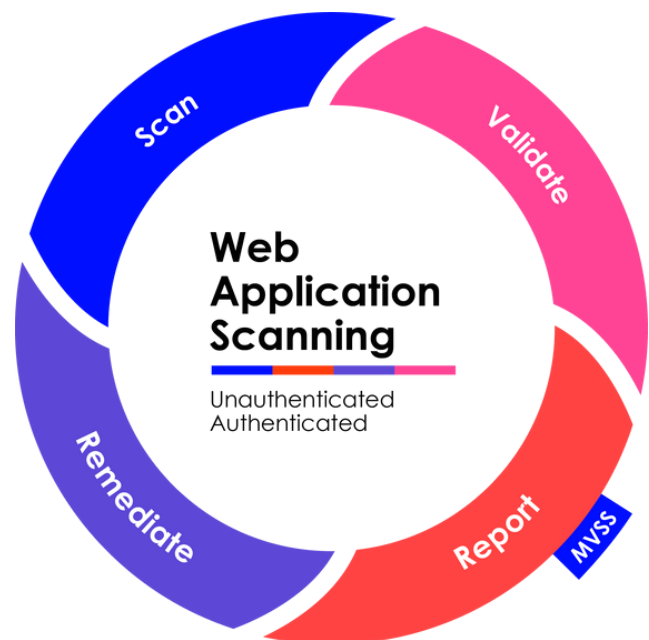
Advanced Application Security Testing

Our Advanced Application Security Testing (AAST) service provide you with authenticated, in-depth and focused web application security testing during key parts of the software development lifecycle.

We approach the target application by combining “best of breed” vulnerability scanning tools with high quality manual testing and verification.

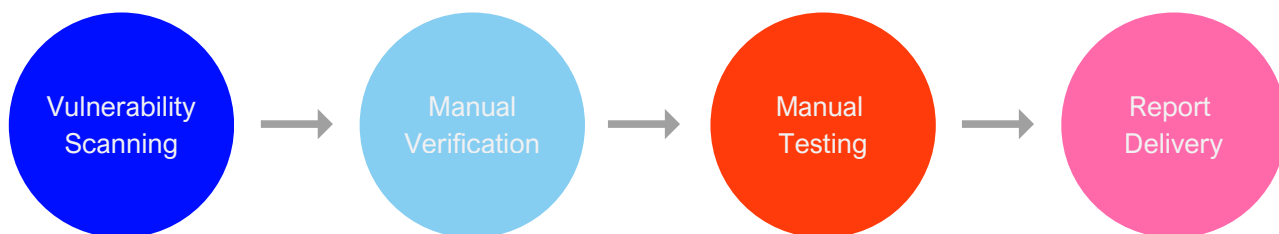
Our authenticated, in-depth web application scanning and testing supports you through all the key stages of software development. We use “best of breed” scanning tools with high quality, experienced experts to test and verify the security of your applications. This year, we have identified over 60,000 web application vulnerabilities, including:

- Process and logic application flaws
- Cross site request forgery
- Session fixation and management
- Username and password recovery methods
- OWAST Top 10 checks
- Full remediation advice and service



Key Benefits

- **Cost effective:** Going directly to market to purchase an Application Testing platform runs the risk of your organisation becoming tool dependent and limited to the coverage of just that tool. NCC Group has an array of tools at our disposal, and if one tool is not suited to your application, we will ensure we choose one which is.
- **Multi-Tool Approach:** NCC Group can provide you with a service which will test your application from a range of testing platforms with the most effective for your application.
- **Less Hassle:** NCC Group provides vulnerability scanning as part of our managed service, which means your organisation no longer needs to perform this time and effort intensive task, freeing you up to focus on higher-value activity.
- **Improved security posture:** NCC Group continually evaluates the tools in the vulnerability scanning market to ensure that we are using the most appropriate and effective technologies available to scan your application.
- **Independence:** NCC Group is 100% independent and does not have any third party agreements in place. If recommendations are made by NCC Group, you can be assured that they have been made because it is appropriate to you and not because we profit by doing so.



Vulnerability Scanning

Our vulnerability scanning uses a layered approach, utilising our partner technology to provide a comprehensive and in-depth vulnerability detection service. By constantly appraising available scanning solutions on the market, we ensure the solutions we use complement each other and provide greater coverage and depth of your application, along with a more thorough overall assessment.

Scan Coordination

We perform all testing remotely for each application, which can include the entire application or new features recently added to the application. The Advanced Application Security Testing (AAST) process can be coordinated on a product release basis, fitting into your development/QA process accordingly

Manual Verification

All issues identified during the vulnerability scanning phase are manually reviewed and assessed by our application security experts.

Report Delivery

Regular application reports are provided which highlight vulnerabilities that have been discovered, along with a typical scenario to demonstrate how the issue could be exploited plus short and long term solutions to the vulnerability. Depending on the level of assessed threat, all identified vulnerabilities are assigned a risk rating of High, Medium or Low - providing you with immediate and accurate remediation advice.

Manual Testing

Our highly trained security experts will perform manual application testing to identify issues not detectable by vulnerability scanning tools including:

- Business process or logic application flaws
- Cross Site Request Forgery
- Session Fixation
- Session Management (Subversion, Timeouts/Logouts)
- Username/Password Recovery Methods

About NCC Group



NCC Group is a full-spectrum cyber security specialist delivering the expertise and solutions to research and mitigate threats and vulnerabilities and secure citizen services from initial design right through to day-to-day operation.

In the UK, the nation's digital infrastructure and public services are now central to how citizens live, work, learn and play. They are also core to the UK's national security and international success. Which is why we've made it our mission to create a safer, more resilient United Kingdom.

NCC Group partners with public sector organisations to help develop resilient digital solutions where security is an enabler, not a barrier.

We'll help you turn your strategy into real-world services that balance high-trust, proven security measures with intuitive ease of use for citizens. We'll support you with world-class experts who will test and refine your security, systems and infrastructure against both existing and emerging threats.

Ultimately, we provide continuous assurance that the systems, services and infrastructure the country relies upon, are resilient in the face of today's sophisticated cyber security threats. Whether it's national security programmes, digital transformation initiatives or the delivery of local services, we help secure the UK's citizens in the digital world.

NCC Group's Unmatched Capabilities in Public Sector Protection

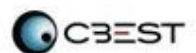
NCC Group has a number of distinct advantages in the public sector market.

We understand public sector objectives and the challenges in accomplishing them — so we can tailor our solutions to help customers make tangible real-world progress towards their most important outcomes.

We have both depth and breadth of technical capability — from managed detection and response to threat intelligence and cloud services, we NCC Group has a number of distinct advantages in the public sector market.

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**For more information from NCC
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