Continuous Offensive Security

Where offensive security meets agile delivery

What is Continuous Offensive Security?

Continuous Offensive Security is a scalable, comprehensive testing solution designed to be a seamless extension of your security team – offering continuous, contextualised security assurance to meet the demands of modern development lifecycles. The outcome: reduced exposure, enhanced security resilience and confident innovation for your teams.

In today's fast-paced digital landscape, organisations with complex and evolving IT environments require more than periodic security assessments. They need continuous, actionable insight to proactively identify and mitigate risks before they can be exploited. As cyber threats evolve and become more sophisticated, maintaining security posture in real-time is not just best practice – it's a necessity.

Our solution

Our Continuous Offensive Security service provides comprehensive agile security testing and attack surface coverage, aligned to established industry methodologies such as OWASP and NIST, enabling organisations to continuously manage vulnerabilities in step with live development changes and mitigate risks across their attack surface.

This improves risk management and maximises security investment, ultimately enhancing your organisation's resilience and safeguarding its reputation. Security and cyber resilience is a critical concern for all organisations, which is why we offer a flexible, buildable solution tailored to your needs.

Our solution is buildable and services are able to operate independently or collectively to suit your requirements. We offer tiered services to help clients identify and select the right solution for their needs.

Continuous Offensive Penetration Testing

Moving beyond traditional, point-in-time assessments, we offer real-time, risk-driven security testing that integrates into your DevSecOp workflows adapting to your development velocity and working practices. With coverage across web applications, web services and APIs, and mobile applications, we ensure security is built into every phase of your software lifecycle – without slowing down your release cycles.

Attack Surface Management

Continuous discovery of assets across your attack surface with identification of risks and vulnerabilities, informed by threat intelligence, to provide timely insights and context for where your weaknesses are. The goal is to enable organisations to reduce their risks with clear guidelines on remediation priorities aligned to business context.

Break-glass Penetration Testing for Zero-Day Events

The Rapid Response Retainer enables rapid assessment of your attack surface for specific zero-day threats as they emerge. Use the break-glass component, which is directly linked to your attack surface management, to have additional assurance that your organisation is not exposed when it matters most.

Our Tiered Services

1

Tier 1 Continuous Offensive Penetration Testing.

2

Tier 2 Continuous Offensive Penetration Testing. (external or internal) and Continuous Offensive Penetration Testing.

Tier 2+ As above with Break-Glass Penetration Testing for Zero-Day Events.

3

Tier 3 Attack Surface Management. (external or internal) and Continuous Offensive Penetration Testing.

Tier 3+ As above with Break-Glass Penetration Testing for Zero-Day Events.

When to choose continuous vs traditional testing

Challenges

- I need regular auditable security testing aligned with industry standards.
- I'm adapting/ implementing a new technology. Am I still secure?
- I need real-time assurance for agile development and evolving threats without slowing my releases.
- Help me understand where my assets are, & what can be introducing risks?
- I don't have enough internal resources to manage at scale.
  I need a scalable outsourced solution that acts as an extension of the internal security team.
- Help me understand where my assets are, & what can be introducing risks?

Recommendations

Tier 1 Tier 2 Tier 3	Tier 1 Tier 2 Tier 3	Tier 2 Tier 3	**Point-In-Time Testing** Tier 1	**Point-In-Time Testing**

When to choose continuous vs traditional testing

Our consultants are available to engage directly with your teams, ensuring clarity, shared context, and fast response to critical findings. We provide continuous visibility into your security posture with actionable findings delivered directly into your DevSecOps toolchain.

Real-time findings

Enriched with vulnerability classification and severity, reproduction steps and technical impact, and remediation guidance.

Reporting portal

For dashboard views and historical insights.

Ticket system integrations

Findings reported directly into DevSecOp workflows (e.g. Jira, Azure DevOps, ServiceNow).

Monthly engagement reviews

With strategic recommendations, and reporting metrics.

Benefits

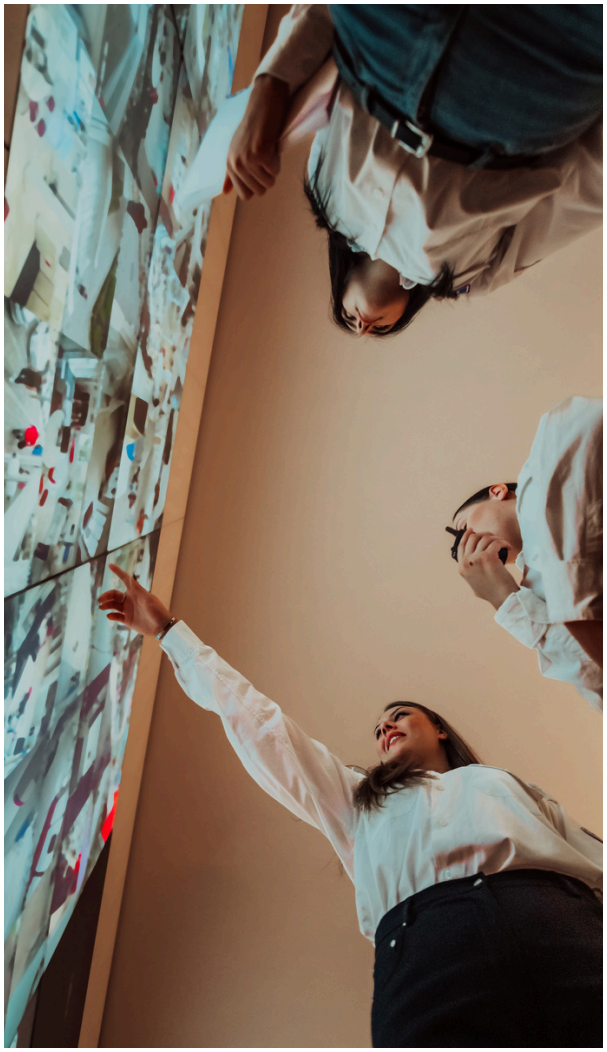
Predictable security costs: Transform unpredictable security spend into a consistent monthly OpEx. Simplify budgeting, reduce approval friction, and support innovation without increasing risk or cost spikes.

Accelerated secure development: Embed security testing into your SDL without disrupting delivery. Our service enables faster, safer releases by aligning testing with live development changes.

Reduced business risk: By continuously identifying and addressing vulnerabilities before they can be exploited, organisations significantly lower their exposure to financial, reputational and operational risk.

Trusted security partnership: NCC Group becomes a strategic security partner, not just a provider. We support you through complex challenges, compliance demands and evolving threat landscapes.

Continuous risk visibility: Maintain real-time awareness of security risks as they emerge, not after the fact. This enables informed, timely decision-making and proactive defence.



Why NCC Group

At NCC Group, we're committed to being a partner in your growth. Through continuous innovation, timely audits and assessments, and our real-time consultancy, we're fully invested in your success with the technical support you need. From governments to tech giants, financial institutions to fast-growth businesses, for over 25 years we have proudly provided them with strong security solutions, and with our global team of over 2,400 experts, we're ready to do the same for you.

Highly certified and experienced
Providing expert knowledge, skills to solve security challenges, and risk remediation guidance.

Streamlined reporting
Interactive reporting with NCC Group's portal with prioritised remediation guidance and real-time tracking.

Research and intelligence driven
Our offensive security assessments leverage market-leading threat intelligence and 100,000+ annual penetration tests. With 20+ years of research, we conduct and share independent, cutting-edge security discoveries.

Accredited
We blend a strategic mindset with technical excellence, encouraging seamless collaboration between our teams to maximise the value and impact of your investment.

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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