

# Seize Control of your Cloud

Exploit future opportunities in a sage and secure way

# Find your silver lining

Cloud computing is now as much a core business tool as it is a formidable threat surface. While the pace of change is already transforming countless industries, every new opportunity presents new challenges and vulnerabilities.

So, if you're worried about your cloud security posture, NCC Group can help.

Our consultants know exactly what it takes to **assess, deploy and manage** cloud strategies and technical services, to maximise your ability to **innovate and minimise risk**.

With **24/7 managed security**, you'll get access to **1,000+ cyber security experts**, offering decades of risk management experience and the very latest **threat intelligence**.

And even more importantly, you'll be **fit for the future**. Because together, we'll have built a secure foundation on which to innovate new products, services, and ways of working. Ready to confront business challenges head on.



01

Do you know your organisation's cloud threat profile?

02

How does that threat profile map to your spend?

03

How does your spend map to your business risks?

04

How has your threat profile changed in the last 28 days?

**We can help you discover the answers**

## NCC Group by the numbers



**30 years**  
protecting business critical applications



**Over 2,400**  
cloud configuration reviews in 24 months



**Over 7,000**  
trusted cloud technology partners globally



**Microsoft Partner**  
Gold Partner



**Amazon web services**  
Advanced Technology Partner



**Google Partner**

# 01 Meeting your key challenges

## Better visibility means more informed decisions

### Do you know what your cloud risk profile looks like?

Our specialist consultants work with your team, assessing your existing cloud environment to give you full visibility of the risk and security situation within your business.

We assess your current security posture against the requirements of your chosen cloud platform and industry best practices, then profile threats and develop a control matrix that involves processes, people and technology. Providing a common set of criteria to communicate risk from the technicians to the Board.

### Better visibility: A case in point

Our consultants worked with a large energy company to offer more visibility of its cloud infrastructure, after ongoing digital transformation across different business units resulted in a highly complex environment.

With a hybrid of on-premise and cloud services, and a multi-cloud environment spanning AWS, Azure, and multiple other service providers, they needed to step back and simplify things.

Enter our assessment and roadmap: giving clear, actionable deployment steps, which brought about change quickly and renewing confidence in bringing their cloud security back on track.

## Key Assessment Services



**Licensing and components** Analysis of security controls against existing native cloud licenced functionality, maximising use of licensing already invested.



### Configuration review

Technical and operational configuration review, closing down risk from configuration drift that comes with the 'Evergreen' rapid pace of change in cloud environments.



### Controls review

Using the Miter Att&ck framework to produce a control map to identify control gaps.



### Reporting, recommendations and roadmap

Monitoring, Alerting and response plan to ensure control insights are converted into meaningful and actionable events, triaged against business tolerances and threat profile.



# Strengthen your security, control the cloud

## Deployment is twice as resilient and effective when we do it together.

Combining your in-house infosec team with our world-leading cloud security consultants creates a formidable partnership. Together we'll manage and action the deployment of your security recommendations. Fusing your business knowledge with our cybersecurity expertise to ensure your operational practices are fit for the future.

Finally, we can leverage our relationships with Tier 1 cloud partners like Microsoft and Amazon Web Services to facilitate your smooth deployment into the cloud.

## Strength and control: A case in point

We were engaged on a compliance project by a Global financial services organisation, challenged with the development and assurance of a new 'Challenger Bank'.

This involved a full spectrum maturity assurance review using Cloud Security Alliance, NIST (National Institute of Standards and Technology) and NCSC (National Cyber security Centre) criteria.

We engaged at a deep technical level across the service platform design from API (Application programming Interface) level through to people, process and physical security to secure regulatory alignment and move forward with confidence.

### Key Deployment Services



#### Secure solution design

Including security integrated in the solution life cycle, reduces cost and introduces more effective security.



#### Platform security architecture and configuration

Introducing Security into the Enterprise Architecture plan, ensuring security is a foundational element and not an afterthought.



#### Data compliance and PCI

Data regional constraints and compliance obligations and assisting in meeting PCI requirements in their deployed cloud infrastructures.



#### Programme and project management

Interfacing with a complementary Agile delivery against multiple workstreams to seamlessly dovetail with customer teams and strategic partners.



#### Risk management consultancy

Assurance at all stages of the programme, mapped to a maturity scorecard to provide business transparency of risks in near-real-time.

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# Creating a managed environment fit for the future

## Better management means realised potential and newer, bigger opportunities.

We'll ensure your cloud environment and security can be managed securely, specifically through processes and responsiveness that are fit for purpose. You'll have access to our skills and expertise quickly, giving your operational management an extra layer of security.

Not only will you be much more resilient, you'll have the reassurance of dealing with a business that manages 1,400 actionable threats a day, from the 20 billion logs handled each month within our global Secure Operations Centres.

## Fit for the future: A case in point

We are ongoing partners to a major professional services company, tasked with evolving their security operations centre (SOC) into the Cloud. With 250,000 users globally across multiple data regulatory regimes, the company was answerable to a global matrix of regulatory bodies and integrating on-premise SOC functions to encompass their new Cloud environments. This involved harmonising standard operating procedures and incident response plans, providing identity protection, threat profiling and modelling, and building out use cases against the MITRE ATT&CK framework. We also included third party assurance and validation for go-live operations, and software development lifecycle and infrastructure for Cloud native operational control.

We continue to assure their systems and provide a strategic evolution of architecture recommendations and ongoing security of their Cloud environments, enabling acceleration and control to their ongoing cloud infrastructure.

### Cloud Management Services



#### Managed Detection and Response (MDR)

Threat intelligence, monitoring and incident response for three lines of defence.



#### Threat Modelling

Using the Cyber Kill Chain, the Mitre ATT&CK framework and NCC red team experience against regulatory frameworks, to produce an organisational specific Cloud hybrid Cyber Fingerprint.



#### Incident Response

Dedicated 24/7 Cyber Incident Response experts just a call away.



#### Escrow as a Service

Access to your cloud hosted software and data, even in many worst case scenarios.



#### Cloud Platform owner liaison

Through our unique Partnership relationships and insights, opening up significant value with their Tier 1 Cloud vendor.

# Here to make a difference

**Tackling your challenges from a unique perspective. Our specialist cloud security consultants have extensive knowledge of cloud threats, and how to be more resilient against them.**

We combine world-leading technical cyber expertise with our advanced processes and thinking, creating a formidable service with a local touch and Global reach that can assure your cloud environments and resolve your challenges head on. We provide full lifecycle Cloud Cyber security services from initial assessments to actively managing your system platforms, giving you the confidence you need to drive your business in the future.

## **A trusted partner, by your side.**

With the digital world moving so rapidly, we know every business and every cloud environment represents a very different challenge.

That's why we work hand in hand with you, identifying your exact needs to create bespoke, tailored action plans. Armed with that plan, we mould a specialist team around your internal capability and trusted partners to ensure your cloud environment is safe, secure and fit for the future.

## Cloud Capabilities



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# About NCC Group



**In today's threat landscape, getting a clearpicture of the risks your organisation and customers are exposed to is more important than ever. Understanding the impact and how you can make your organisation more resilient is key to protecting brand, reputation and sensitive customer information.**

**NCC Group is a global expert in cyber security and risk mitigation, working with organisations the world over to protect their businesses against the ever-evolving threat landscape.**

**Through an unrivalled suite of services, we provide companies with confidence that their most important assets are protected, available and operating as they should be at all times. Headquartered in Manchester, UK, with over 35 offices across the world, NCC Group employs more than 2,000 people and is a trusted advisor to 15,000 clients worldwide.**





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