



Agile Cloud:
Cloud Digital Services 2026

G-Cloud 15 Service Definition

Why Northrop Grumman?

Northrop Grumman UK (NGUK) is a **Cloud-first sovereign defence and security company operating from more than ten sites across the UK and sustaining employment for more than 5,000 people in our vibrant ecosystem of SMEs and partners.**

NGUK delivers innovative systems, products and solutions across multiple domains. As an **AWS Advanced Tier Partner and Cloud Integrator**, we have the expertise to help you successfully define and execute your Application, Infrastructure, Environments, Migration and data strategies.

Our Secure Cloud Solutions are built on a **proven heritage** of delivering Public Cloud risk-managed (accredited) solutions to Government customers and Industry. We understand the speed of relevance for mission systems, and we work hard to maintain our position at the forefront of digital engineering, DevSecOps and Agile practices. NGUK has the experience, skills and services to meet the needs of Government organisations, and defence businesses delivering into them. We enable operations in highly regulated environments, including those handling sensitive and classified data.

What we offer

- A **trusted Partner** whose core competency is enabling critical government missions.
- **Provider of risk-managed Landing Zones** and Cloud products that meet **unique** customer requirements.
- A **full 360° service** offering you much more than off-the-shelf products: We assess, design, customise, configure, operate, monitor, maintain and support.
- We support organisations that operate in **highly regulated domains** to adopt processes and adapt them to specific needs, rearchitecting and migrating mission-sensitive capabilities to modern architectural patterns.
- **20+ years' experience** of digital engineering development and integration.
- **Highly experienced** in creating and operating Cloud solutions across a wide range of UK Military and Government departments with complex requirements and regulatory constraints.
- **Specialist capabilities** to manipulate tooling for customisable solutions.
- Access to a portfolio of **specialist complimentary Cloud capabilities** and expertise.

▪ **Sovereign Cloud Solutions**

▪ **Application Management**

▪ **Cloud Migration**

Quality, Knowledge, Experience

Our operationally resilient solutions enable scalability, centralised security management, faster deployment and enhanced collaboration.

Our business has been shaped by our drive to understand the most complex challenges and to meet the rapidly evolving needs of our customers, and their demand for practical, resilient solutions.

NGUK's **Cloud Centre of Excellence**, created specifically for collaborative research, development and Agile delivery integration, keeps our highly skilled staff up to date with the latest knowledge, making us the Cloud solution partner of choice for mission-focused organisations.

Our secure, compliant Cloud environments and tailored services ensure solutions evolve with mission needs. Leveraging our Secure Cloud Solutions, Landing Zones and related platforms, you can focus on your core mission while taking advantage of the scalable and cost effective benefits the Cloud offers.

Contact us to discuss our Secure Cloud Services and products:

**Business Development Manager,
National Security Solutions**

proposals@uk.ngc.com



- Government Consulting Competency
- DevOps Consulting Competency
- Migration Consulting Competency

Sovereign Cloud Solutions

Service Overview

A trusted Government provider offering proven and practical solutions, NGUK creates and supports multiple risk-managed Cloud Platforms built upon Amazon Web Services.

We offer **Sovereign Cloud architecture, design and consultancy services** to assist your organisation in realising your digital transformation and Cloud adoption strategy.

Our **proven experience** with the unique regulatory needs of National Security and Defence customers ensures we create products and services you can be confident in.

NGUK Landing Zones allow **permissive development, hosting and collaboration** so you can experiment and test ideas in the knowledge that relevant security, legal and policy controls are in place for secure operation and accreditation.

Innovate at pace, without friction – whether you need solution reviews, architectural designs, deployments, or ongoing support, our team of experienced UK cleared professionals will quickly help you to build reliable and practical solutions that facilitate your mission.

▪ Managed Public IaaS

Case Study: PodDev is a secure-by-design data platform which is accredited up to Official Sensitive level by the Home Office commissioned through the Accelerated Capability Environment (ACE) framework.

It provides a dedicated environment for suppliers and customers to collaborate remotely and innovate at pace without friction, to experiment and test ideas.

PodDev was used in a recent collaboration when the Joint Maritime Security Centre partnered with ACE to explore how best to 'de-clutter' overlapping radar and Automatic Identification System data, and combine maritime sensor inputs into a single, coherent vessel track.

PodDev allowed rapid trials with multiple providers that demonstrated how early, hands-on trials can de-risk public sector innovation and procurement.



Service Features

- Solutions **designed for sovereign National Security** and Defence.
- Aligned with Industry Best Practice and **AWS Well Architected Framework**
- **Tailored** to meet your workload requirements and regulatory regime.
- A comprehensive **360° service** offering that considers IT and Mission.
- We assess, design, build, integrate, operate, monitor, maintain, secure, and support.
- **Certified, cleared and experienced** UK professionals.
- **AWS Advanced Tier Partner** with Government, Migration and DevOps competencies.
- Experience with **Secure by Design** requirements and accreditation.
- **Industry expertise** to quickly deploy secure, optimised solutions.
- **A trusted Partner** whose core competency is enabling your mission.

Service Benefits

- **Accelerates productivity** through proven, repeatable patterns using Infrastructure-as-Code.
- **Maintains continuous visibility** through monitoring, logging, guardrails, and threat detection.
- **Reduces risk** by leveraging a mission-focused AWS partner.
- **Reduces downtime** leveraging our advanced methods and lessons learnt.
- **Saves cost** by avoiding others' mistakes.
- **Reduces contracting complexity** - one partner skilled across many IT disciplines.
- **Accelerates schedule** by combining with edge, hybrid, and multi-cloud strategies.
- **Raises the bar** on staff skills incorporating automation and orchestration.
- **Reduces maintenance** and facilities cost by leveraging managed cloud services.
- Enhances both application and enterprise security.



Cloud Migration

Service Overview

NGUK is an AWS Advanced Tier Partner and trusted Government provider offering proven and practical solutions for secure customers seeking to realise the full potential of the Cloud.

NGUK provides the necessary **Discovery, Design, Build, Integration, Validation and Cut Over** services to create and execute a cloud migration strategy. Our services leverage the necessary tools and expertise to **migrate mission sensitive and highly regulated workloads** from simple rehosting through to complex refactoring into new architectures.

NGUK's specialised Cloud Migration Services are designed with agility in mind, tuned for secure and mission-focused government customers looking to migrate, modernise, or build new mission solutions in the Cloud. We work along-side organisations within:

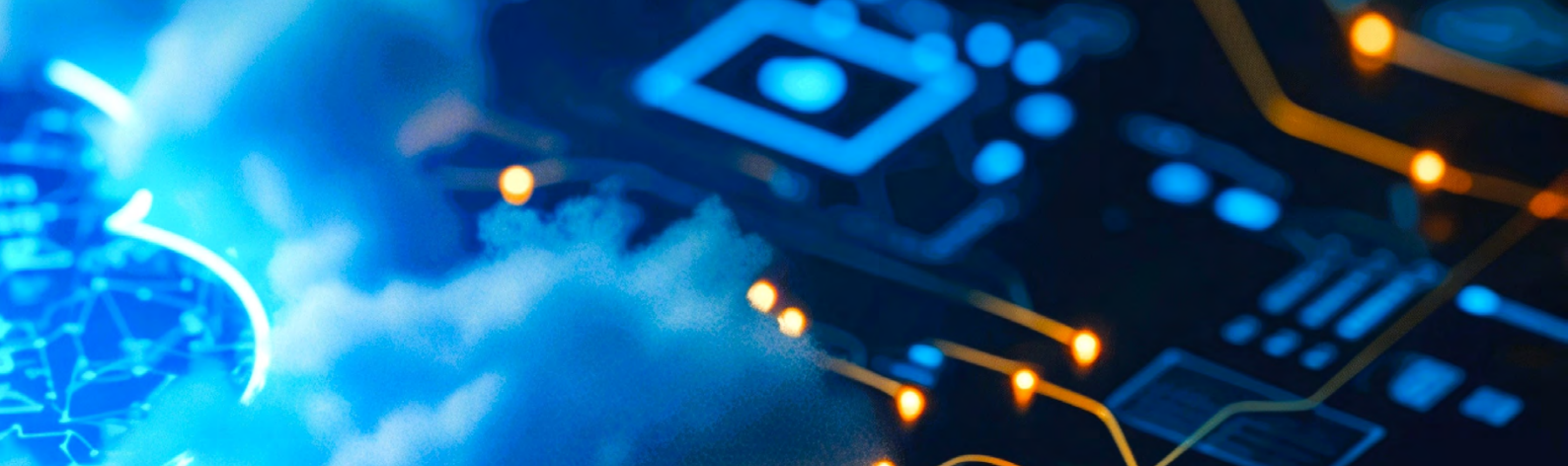
- Cyber & Intelligence
- Military & Defence
- Police & Law enforcement
- Central Government
- Critical National Infrastructure

We help you **leverage future technologies** to meet the demands of your mission, and deliver effective, **value for money solutions**.

- Cloud Migration Planning
- Capability Analysis
- Enterprise Architecture
- Cloud gap assessment
- Architecture options analysis
- Delivery Road Mapping

NGUK works with you to help you accelerate your digital transformation journey and orchestrate your data and application migration, prioritising your continuous operation and ensuring regulatory compliance.

We help you to extract the **maximum value** from your data solutions, improve velocity, and reduce the time to mission. No matter the Digital Maturity of your organisation, **NGUK can aid, expand and operate your presence in the Cloud.**



Service Features

- **Discovery** – finding and listing dependent capabilities, their locations and connectivity.
- **Analysis** – studying dependencies and application architectures against customer requirements.
- **Assessment** – determining the best method of migration for each application.
- **Design** – documenting the architectures and methods for success.
- **Build** – performing the services necessary to provide the to-be platform.
- **Development** – refactoring of legacy applications into new architectures as required.
- **Integration** – creating the necessary integrations into adjacent systems.
- **Validation** – testing the migration steps and verifying integrations.
- **Cut Over** – performing the migration and redirection of network traffic.
- **DevOps Services** – further maturation and continuous improvement of cloud operations.

Service Benefits

- **Reduces** risk by leveraging a mission-focused AWS partner.
- **Reduces** downtime leveraging our advanced methods and lessons learnt.
- **Saves** cost by choosing the appropriate migration method up front.
- **Reduces** contracting complexity – one partner skilled across many IT disciplines.
- **Improves** flexibility, elasticity, resiliency and latency of full stack applications.
- **Accelerates** schedule by combining with edge, hybrid, and multi-cloud strategies.
- **Enhances** mobility and collaboration across borders and continents.
- **Raises** the bar on staff skills incorporating automation and orchestration.
- **Reduces** maintenance and facilities cost by leveraging managed cloud services.
- **Enhances** both application and enterprise security.



Application Development and Management

Service Overview

NGUK works collaboratively with customers across the whole software development lifecycle to create configurable data platforms and applications that solve complex problems, often with demanding system requirements such as large scale and complex data processing and rigorous governance requirements.

We understand the **speed of relevance** for mission systems and work hard to stay at the forefront of implementing digital engineering, **DevSecOps** and **Agile** practices across our large portfolio of programmes. Our integrated technological capabilities enable **continuous improvement** in operations and sustainment environments, contributing to future programme affordability and quality for our customers.

NGUK's whole-lifecycle software delivery specialises in **designing, building and maintaining** secure and resilient, leading edge **data systems** in the most complex and restrictive regulatory environments. Our teams include **User Experience** (UX) researchers, **User-Centred Design** (UCD) experts and Systems Engineers, to engage with stakeholders to elicit and elaborate requirements.

NGUK's **Facility Security Clearance** (FSC) sites provide customers with a more economic option for offsite development, where secure development is a priority.

▪ Application Management

NGUK has **countered cyber threats for decades** and we continuously develop cost-effective and efficient offerings, with security at the forefront, through technology investments in key research areas:

- Identity management
- AI and ML
- Situational awareness
- Big data analytics
- Modelling and simulation
- Secure supply chain



Service Features

- Provision of **DevSecOps teams** covering development and delivery.
- **Multi Cloud** – multi- and hybrid- cloud architectures supported.
- **Agile specialists** including Spiral developmental approach.
- Expertise in **Scaled Agile**.
- **Sovereign Expertise** – UK Government-cleared operatives cover all required work.
- **Discovery** – Requirements gathering and management.
- **Open Architectures** using Open-Source software.
- **User-centred** – User Experience Research (UX) and User-Centred Design (UCD).
- **Continuous improvement** and support services post-deployment.
- **ITIL v4** service management practices.

Service Benefits

- **Increases continuity** through a full 360° software development lifecycle.
- **Increases sustainability** – Choose the most effective option for your needs.
- **Provides quality advice** – Expert partner advice on best service design.
- **Reduces risk** – Expertise in complex security and regulatory compliance requirements.
- **Reduces costs** by using NGUK's FSC sites for economic development.
- **Increases interoperability, avoids vendor lock-in** – Solutions built using Open-Source software.
- **Improves outcomes** through detailed consideration of user needs.
- **Increases flexibility** – Experience with all major cloud service providers.
- **Increases insight from your data** by leveraging AI/ML capabilities.
- **Increases service performance** efficiency and management transparency.



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Contact

For more information, contact:

**Business Development Manager,
National Security Solutions**

proposals@uk.ngc.com

Additional Information

This information should be read in conjunction with NGUK's Additional Terms and Conditions.

Information Assurance

Northrop Grumman has processes and facilities in place to manage documents and information provided in paper or electronic media under Government Security Classifications. Northrop Grumman has sites with Facility Security Clearance (Formerly, List X status), including accredited facilities, and the services of a Security Controller.

All Buyer data and system information is routinely handled in strict confidentiality.

Company Certifications

Northrop Grumman UK Ltd holds the following certifications:

- ISO 27001:2022 (InfoSec Management)
- ISO 9001:2015 (Quality)
- ISO 20000-1:2018 (IT Service Delivery)
- ISO 14001:2015 (Environment)
- Cyber Essentials+

Company procedures also align with the standards listed below:

- ISO 27017 (Cloud ISMS)
- ISO 27018 (Protecting PII in Public Cloud)
- NCSC – Cloud Security Principles
- ISO 15288 (Systems Engineering Lifecycle processes)
- ISO 12207 (Software Engineering Lifecycle processes). Personnel hold qualifications for Agile (Kanban+, Scrum, SAFE)
- ISO 31000 (Risk Management)



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