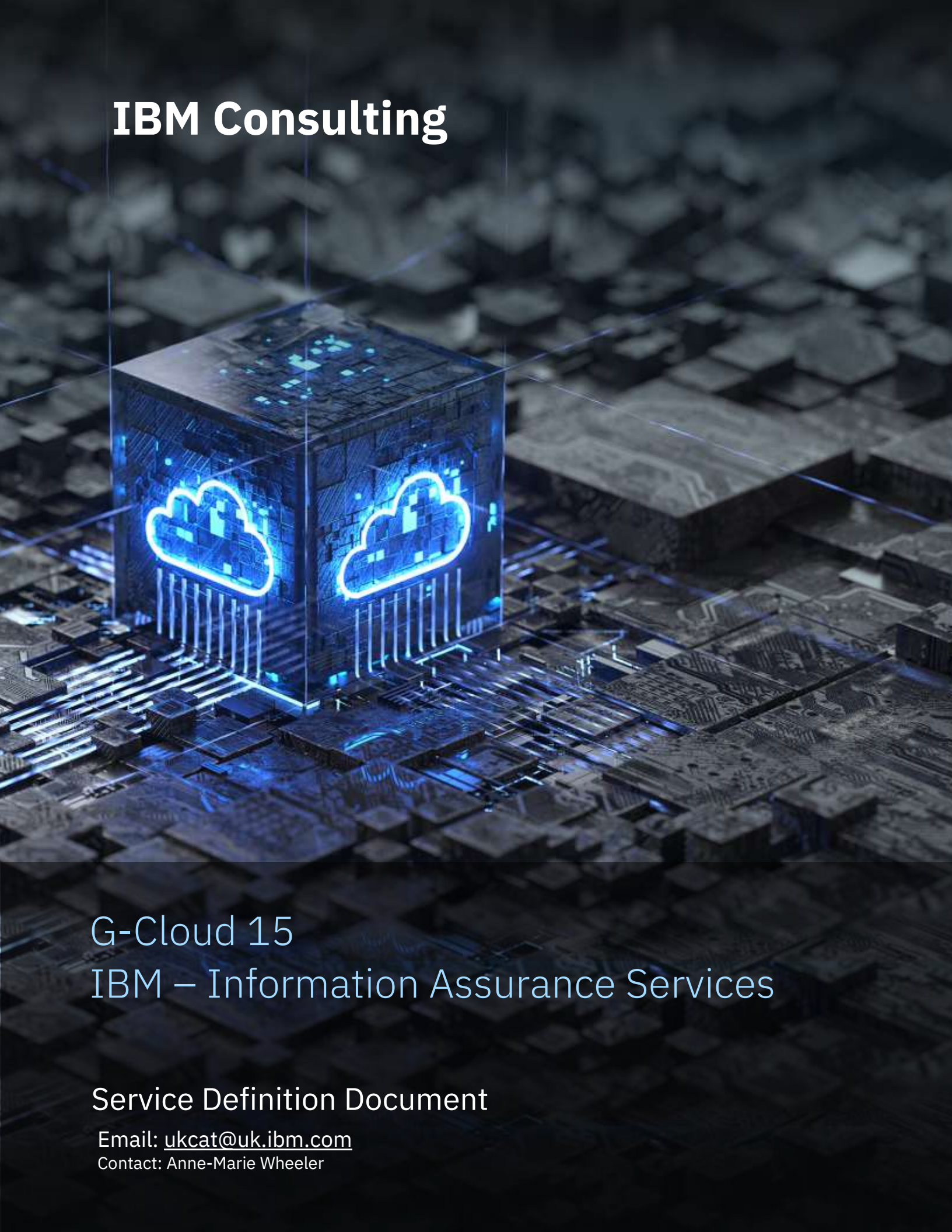


IBM Consulting



G-Cloud 15
IBM – Information Assurance Services

Service Definition Document

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IBM - Information Assurance Services

Service Overview

IBM provides expert information assurance and security management services to establish security management plans (SMP) and information security management systems (ISMS) and implement HMG Secure by Design policies. Providing confidence in security controls and maintain continuous compliance with frameworks including but not limited to NCSC CAF, ISO27001 and NIST CSF.

Features

- Full spectrum security management and assurance from design to decommissioning.
- Deliver or Refresh Security Management Plans (SMP) aligned with ISO27001.
- Maintain Information Security Management Systems (ISMS) aligned with ISO27001.
- Strategic examination of qualitative or quantitative risk from the viewpoint of the entire organisation.
- Adherence to established frameworks, standards, and guidelines to meet regulatory and compliance requirements and incorporating the NCSC Cyber Assessment Framework aligned with HMG Cyber Security Strategy and mandated HMG Secure By Design policy.
- Monitor and predict cyber threats and vulnerabilities to reduce security risks that could result in data breaches and costly disruptions.
- Implement automated workflows to integrate critical security and compliance data into the enterprise for cross-sectional visibility, reporting and transparency.

Benefits

- IBM will be a trusted partner delivering market leading consulting and managed security services in support of through life cloud service delivery.
- Driving compliance with laws and regulations, reducing the risk of exposure to regulatory and financial penalties.
- Underpinning business continuity by preventing and mitigating the impact of cyber incidents.
- Ensuring that critical business functions can continue in the face of cyber threats.
- Provide valuable insights, allowing decision makers to prioritise investments in cybersecurity controls based on the potential impact on business objectives, optimising resource allocation.

Key Differentiators

- Extensive expertise supporting the most business-critical services across UK government departments, including Critical National Infrastructure.
- Programme security governance tailored to your organisation's needs, including the development and implementation of cyber risk policies, procedures and frameworks.

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Addressing Business Needs

IBM Information Assurance Services

delivers end-to-end security management with proven security strategies to create a robust governance, risk and compliance (GRC) programme.

Our team can help you address key challenges that organisations like yours are facing today:

Heightened Threat Landscape

Organisations need to keep up to date with the rapidly evolving threat landscape in today's volatile world. The need to maintain a clear view of threats to inform and understand the risks across a growing attack surface is fundamental to security.

Risk Perception

Organisations are confronted daily with heightened uncertainties driven by conflict, inflation, economic fluctuations, advancements in artificial intelligence, and the persistent threat of cybercrime.

Stringent Regulations

Regulatory requirements are increasing the complexity of managing security risks and maintaining compliance across an increasing range of cyber security and information risk demands.

Privacy Concerns

Growing concerns about data privacy require organisations to implement robust data protection measures to comply with regulations and maintain citizens trust.

Digital Supply Chain Risks

Organisations have a large and growing physical and digital supply ecosystem which presents a wider attack surface and risk profile which needs to be assessed and managed.

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Service Definition

We provide a variety of consulting services that help organisations thrive within an increasingly hostile cyber threat landscape with shifting regulatory requirements by automating operations for efficiency and cyber resiliency.

IBM's Information Assurance Services are designed to be tailored to meet Public Sector requirements and align with potentially different levels of internal capability, our services include:

Secure by Design

- Customised offerings to align with HMG Cyber Security Strategy and HMG Secure by Design policy and framework.
- Skilled and experienced Security Architects can support security control implementation across the entire lifecycle from design through to decommission. Includes expertise in threat and vulnerability management, identity and access management, data and application security, risk management, supply chain management, data privacy and regulatory compliance.

Information Security Management System (ISMS)

- The implementation of ISMS for the enterprise and specific services to ensure security and regulatory requirements are captured and implemented within sustainable security policies, with clear ownership and monitoring.

Continuous Compliance

- Maintain full compliance with frameworks including NCSC CAF, ISO27000 series and NIST CSF, delivering tailored Security Management Plans and ISMS structures to meet your requirements.
- Specialists will hold relevant security clearance, as per your specific requirements.



IBM - Information Assurance Services

IBM Approach

We bring the benefit of having worked with the world's largest organisations, transforming complex, critical services. Our approach is based on robust methods, processes and personalised engagement.

We focus on your business needs and developing trusted long-term relationships, underpinned by industry-leading experience and capabilities. We want you to get the best out of every engagement and to deliver outcomes that matter for your organisation.

Our approach is tailored to your needs and flexible to support all delivery models. We offer established programme and portfolio capabilities that can be aligned with your internal governance and methods, linking to industry recognised standards such as CAF, GovS 007, NIST and ISO27001.

We bring specific skills and attitudes including:

- Proven delivery track record working in complex environments
- Access to specialists who understand the lessons and risks for transformation
- Being able to advise, support and transfer knowledge with your teams
- Implementing strong governance, defined collaboratively within the context of robust methods and processes
- Bringing an integrated and controlled planning approach
- Proactive identification and management of risks and issues based on experience
- Working across complex existing and new platforms
- Experience with the latest technologies, tools and delivery methods

We work to manage the complexity of key business projects, programmes and portfolios, communicating with clarity and helping you make informed decisions.

IBM - Information Assurance Services

Why IBM

IBM provides a unique blend of cybersecurity and business expertise to help organisations through their transformation journey including:

- Extensive expertise supporting the most business-critical services for UK government, including Critical National Infrastructure.
- Operational security management delivery through service lifecycle from design through to decommissioning.
- Secure by Design (SbD) approach and methodology is, by default, built into the IBM design model allowing us to readily adopt the UK Government SbD policy and framework.
- Compliance framework agnostic, allowing IBM to adopt the client's preferred methodology.
- Breadth and depth of experience across all industries in co-creating a strategy to implement or enhance organisational ISMS, GRC and SCCRM programmes.
- Program governance tailored to your organisation's needs, including the development and implementation of cyber risk policies, procedures and frameworks.
- Building long-term client relationships based on innovation, trust and service excellence.
- Developing and deploying world-class talent

IBM - Information Assurance Services

Value and Outcomes

IBM can support you with implementing a continuous and effective compliance program using industry standards and proven methodologies.

We focus on your business needs and developing trusted long-term relationships, underpinned by industry-leading experience and capabilities so you can be confident in your critical services.

Secure by Design

- Improve security and resilience by embedding security early in the lifecycle.

Information Security Management System (ISMS)

- Implement risk-based policies and procedures aligned to organisational goals.
- Enhanced security risk management.

Continuous Compliance

- Maintain your security maturity through assessing your security posture against ever changing risks.
- Demonstrate compliance with laws and regulations, reducing the risk of legal and financial penalties

This is IBM in the UK

We have worked together with organisations in the UK for over 100 years, with a rich history of joint innovation and achievements, built on trusted relationships.



Cloud

Together, IBM and Red Hat are working to deliver the world's only **next-generation hybrid multicloud platform**



Economy

IBM has been **integral to the UK economy for >100 years**, and is one of its largest tech employers



R&D

In the UK alone, IBM invests **£170 million in R&D** each year



Quantum

IBM Q, the world's most advanced quantum computing initiative for commercial use, is being used by CERN



Environment

IBM's focus on sustainability began in 1971 with our first environmental policy



Artificial Intelligence

IBM develops **watsonx based generative AI solution** for the Austrian federal armed forces to provide **fact-based evaluation and classification** for the ability to remain capable of acting in the light of risk scenarios.



Changing the world

IBM was awarded **World Changing Company of the Year 2019** by Fast Company



Royal recognition

29 UK IBMers received honours from the **Queen** for contributions to tech and society



Diversity

IBM won the **Global Diversity Award 2019** and the ENEI's **Gold Standard**



Graduates

IBM is committed to developing future talent – we are **Target Jobs' Graduate Employer of the Year 2019**



Volunteering

IBM dedicates **>20,000 volunteering hours every year** for a better society



Tech talent

IBM runs P-TECH schools in 18 countries, helping **>100,000 students build skills for careers of the future**



Inventors

IBM UK is home to many Master Inventors, with **>250 patents filed last year alone**

IBM