

IBM Consulting

A glowing blue cube is positioned in the center of the image. The cube's faces are covered in a grid of small, glowing blue squares. Two of the visible faces of the cube feature a glowing blue cloud icon. The cube is resting on a dark, complex circuit board with various components and traces. The background is a dark, textured surface with a grid-like pattern.

G-Cloud 15 IBM - Cyber Security Strategy and Resilience Advisory Services Service Definition Document

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Contents

Service Overview.....	3
Addressing Business Needs	4
Service Definition	5
IBM Approach	6
Why IBM?	7
Values and Outcomes	8
This is IBM in the UK.....	9

Service Overview

IBM provides services to empower organisations to effectively manage the escalating demands of cyber risk, drive organisational resilience and regulatory compliance through tailored and comprehensive cybersecurity strategies. We help you to operationalise your cybersecurity compliance and effectively communicate this to executives, regulators, auditors and more.

Features

- NCSC Assured/Certified in Cyber Security Consultancy.
- Assess your cyber security maturity against industry benchmarks, standards and regulations.
- Support audit and compliance requirements against NCSC CAF, NIST CSF and more.
- Review current state processes and technologies to develop a baseline for understanding resilience gaps.
- Develop a Target Operating Model and identify key steps to elevate your cyber security maturity.
- Enhance cybersecurity governance and visibility of cyber risk.
- Communicate cybersecurity issues to organisational stakeholders in a common language.

Benefits

- Develop a cohesive cyber security strategy tailored to your organisational context.
- Identify clear, actionable recommendations to improve your cyber security maturity.
- Quantify organisational understanding of cyber risk and the opportunity cost of inaction.
- Better prepare for cyber security audits and emerging regulatory requirements.
- Increase visibility of cyber risk to non-cyber stakeholders.

Key Differentiators

- Extensive expertise supporting the most business-critical services for UK government, including Critical National Infrastructure.
- Comprehensive experience with an array of regulatory and industry frameworks for security, privacy and resilience.

Addressing Business Needs

IBM - Cyber Security Strategy and Resilience Advisory Services provide a comprehensive approach to developing your cybersecurity strategy and reducing the burden of compliance.

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

Cyber Strategy Execution

Many organisations struggle with a siloed execution of their cyber security strategy, with no single view of cyber strategy and risk across the organisation.

Lack of Skilled Resources

The number of cybersecurity audits and associated controls to test and report on are growing, adding to the burden on your internal teams and increasing the risk of non-compliance.

Regulatory Landscape

The evolving and increasing number of regulations within the cybersecurity domain requires continuous review and updates to organisational policies, procedures and control frameworks specific to your industry and regulatory context

Growing Attack Surface

Innovative technologies and infrastructure have expanded attack surfaces and transformed the requirements for cyber security and resilience.

Service Definition

We provide a variety of consulting services that offer expertise from current state assessment through to roadmap development to help you manage increased cyber risk demands and enhance cyber resilience.

Cyber Security Strategy and Resilience Advisory Services are designed to be tailored to meet business requirements and align with potentially different levels of internal capability, providing commitment to service and quality levels throughout the engagement.

1. Cyber Security Assessment

Comprehensive assessment of current state cyber security controls (processes and technology) against leading frameworks, such as ISO 27001, NIST CSF, NCSC CAF and GovS 007, to address identified gaps or weaknesses. Our experienced cyber security consultants can work with you to:

- Measure current state capabilities and maturity and compliance.
- Identify strategic and tactical recommendations.

2. Cyber Security Strategy Services

Experienced IBM consultants will work with you to co-create your cyber security and resilience strategy by understanding overarching business objectives, current state environment and technologies, threat landscape, M&A plans to create creating cyber strategic themes and objectives.

Concluding with establishing a Target Operating Model and associated execution plan to communicate steps to increase cyber resilience to executive management in terminology that quantifies the risk of inaction.

3. Cyber Security Metrics and Reporting

Develop and implement metrics & measurable criteria to track and report on overall cyber resilience programme progression and/or posture levels, in a way that non-cyber stakeholders can quantify into business risk with actionable recommendations to improve cyber security maturity.

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, HMG Cyber Security strategy and policies, HMG Secure By Design and linking to industry recognised standards such as CAF, 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.

Why IBM?

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

- Extensive expertise supporting the most business-critical services for UK government, including Critical National Infrastructure.
- Comprehensive experience with an array of regulatory and industry frameworks for security, privacy and resilience.
- Breadth and depth of experience across regulated industries in co-creating a strategy to implement or enhance security and resilience programmes.
- Programme governance tailored to your organisations 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.

Values and Outcomes

IBM's proactive approach helps organisations manage increased cyber resilience demands and enhance their cyber resilience.

We focus on your business needs and developing trusted long-term relationships, underpinned by industry-leading experience and capabilities so that you can have confidence in the support of your critical services.

1. Current State Assessment

- Independent assessment of your cyber security programme, enabling objective identification of gaps and areas to enhance cyber maturity against benchmarks relevant to your industry and organisational context.
- Target limited budget and resource at the most critical cyber resilience gaps first.

2. Cyber Security Strategy Services

- Align your cyber security strategy with your organisational context and objectives.
- Leverage cybersecurity as a growth enabler instead of a cost driver.
- Ensure processes and policies are aligned to your threat landscape.
- Provides a consistent strategic perspective on cyber security to inform organisational decision making and investment decisions.

3. Cyber Security Metrics and Reporting

- Demonstrate compliance against relevant cybersecurity controls to external auditors and senior stakeholders.
- Increase understanding of root causes and risk factors.
- Develop a common language for cyber risk to drive improved decision-making.
- Integrate your cyber risk management with the broader risk management agenda and break down organisational siloes.

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**

