

IBM Consulting



G-Cloud 15 IBM - Enterprise and Ecosystem Cyber Risk Services

Service Definition Document

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IBM - Enterprise and Ecosystem Cyber Risk Services

Service Overview

IBM provides services to strengthen your cyber risk management programme by identifying and evaluating cyber threats based on your risk tolerance. We support you to demonstrate compliance with frameworks and standards (HMG Secure by Design, NCSC CAF), quantifying cyber risk and translating this into data-driven, actionable business recommendations.

Features

- Strategically examine cyber risk across the entire organisation at all levels using a flexible object model mapped to your organisations structure.
- NCSC Assured/Certified in Cyber Security Consultancy.
- Automate monitoring of adherence to regulatory standards, control frameworks and compliance requirements.
- Identify, assess and manage the cyber risks across the entire organisation and interconnected ecosystems.
- Support with adherence to HMG Secure by Design, NCSC CAF, ISO27001 and other industry standards and frameworks.
- Translate cyber risk into business impact with Cyber Risk Quantification (CRQ).
- Monitor for, predict, and reduce cyber risks that 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

- Drive compliance with standards and regulations, reducing the risk of legal and financial penalties.
- Translate cyber risk into business impact and enable data-driven recommendations.
- Embed cyber resilience within the enterprise aligned with your risk ecosystem.
- Increased visibility of cyber risk across your entire ecosystem and supply chain.
- Operationalise Cyber Risk Management across the organisation, deploy real-time visibility into cyber risk exposure and mitigation strategies to ensure that critical business functions are resilient against cyber threats.

- Establish Continuous Compliance Management (CCM) to gain insight and support decision-making to prioritise investments in cybersecurity controls based on the impact, optimising resource allocation.

Key Differentiators

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



IBM - Enterprise and Ecosystem Cyber Risk Services

Addressing Business Needs

IBM - Enterprise and Ecosystem Cyber Risk Services fortify enterprise and ecosystem risk management using proven security strategies to create robust Governance, Risk and Compliance (GRC) programmes.

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

Evolving Risks

Organisations are confronted with heightened uncertainties driven by international politics, inflation, economic fluctuations, advancements in Artificial Intelligence, and the persistent threat of cybercrime.

Stringent Regulations

The volume and complexity of regulatory compliance requirements is driving the need for robust cyber governance, risk management and compliance regimes.

Lack of insight

Organisations need to track a complex landscape of thousands of modern and legacy IT applications to build a single view of risk and compliance posture.

Privacy Concerns

High profile data breaches have damaged public trust surrounding data privacy, organisations need to do more than just comply with regulations to maintain customer trust.



IBM - Enterprise and Ecosystem Cyber Risk Services

Service Definition

We provide a variety of consulting services that help organisations thrive during market volatility, shifting regulatory requirements, and automating operations for efficiency and cyber resiliency.

Our Enterprise and Ecosystem Cyber Risk Services provide a full range of capabilities tailored to meet business requirements and existing capability, to ensure the best outcome for your organisation.

Our range of capabilities include:

Cyber Risk Management

Establish cyber risk programs to identify, categorize, classify, quantify and report on cyber risks. Implement cross-functional reporting for qualitative & quantitative cyber risk methodologies, mitigation plans and overall cyber risk oversight.

Supply Chain Risk Management

Evaluate the potential risks associated with third-party supplier relationships across data privacy, compliance, and cyber resilience by assessing their security practices and overall risk exposure.

Cyber Resilience

Implement cyber resiliency programs including assessments for Business Impact Analysis (BIA) and resiliency processes and controls in support to organisational Disaster Recovery Plans, Business Continuity Plans, Design of Minimal Viable Company Model and overall Resiliency Governance.

Cyber Policy & Compliance Management

Implementation of a Continuous Controls Monitoring (CCM) programme to track the regulatory horizon throughout the policy management lifecycle; establish compliance management across the organisation; gain insight across your landscape; and, generate actionable outcomes to support compliance and audit activities.

Cyber Metrics, Dashboards and Reporting

Develop and implement cyber metrics & measurable criteria to track and report on overall cyber resiliency posture levels to stakeholders at all levels of the business.



IBM - Enterprise and Ecosystem Cyber Risk 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 - Enterprise and Ecosystem Cyber Risk 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.
- Breadth and depth of experience across all industries in co-creating a strategy to implement or enhance organisational GRC and SCCRM programmes.
- Program 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.

IBM - Enterprise and Ecosystem Cyber Risk 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.

Cyber Risk Management

- Implement robust risk processes for consistency and efficiency to improve security compliance and reduce the impact of breaches.
- Risk-based policies and procedures to align organisational goals.
- Centralised visibility to ensure a comprehensive understanding of risks.

Supply Chain Risk Management

- Proactive monitoring across your network and your suppliers' network to identify risks associated with third-party relationships.
- Reduce overall risk exposure.

Cyber Resilience

- Improve insight into the organisations ability to withstand and recover from cyber-attacks.
- Implement recovery and continuity plans, understand your minimal viable company and measure effectiveness to improve organisational posture.

Cyber Policy & Compliance Management

- Drive risk reduction and optimize compliance through automated monitoring of processes and cyber security controls Continuous Compliance.
- Provides automated issue resolution and actionable insights using intelligent workflows based on client requirements.
- Supports modernization through data aggregation of the regulatory horizon (e.g. regulations, standards, policies).

Cyber Metrics, Dashboard and Reporting

- Better insight over cyber posture and readiness helps drive decision making and budget allocation. Driving targeting improvements

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