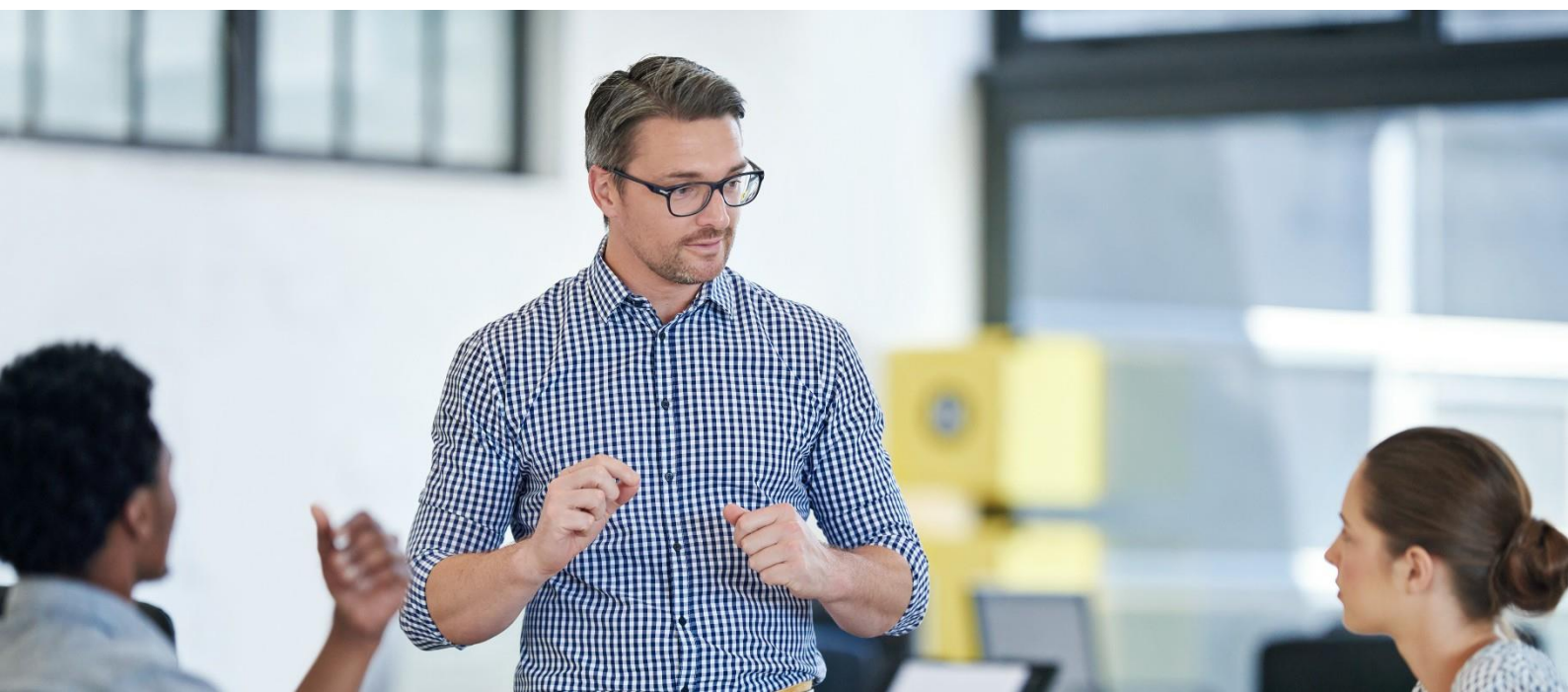


## IBM Security – Secure DevOps Services

IBM can help you design, implement, and manage the security controls throughout your Software Development Lifecycle.





## Contents

|    |                           |
|----|---------------------------|
| 3  | Service Overview          |
| 5  | Addressing Business Needs |
| 6  | Service Definition        |
| 7  | IBM Approach              |
| 8  | Why IBM?                  |
| 9  | Value and Outcomes        |
| 11 | About IBM                 |

# IBM Security – Secure DevOps Services

## Service Overview

### Features

- Broad range of advisory, implementation and managed services to support your DevSecOps approach.
- Aligned to industry best practices and frameworks to address compliance requirements.
- Provide development teams with insights on secure design, coding and testing practices.
- Monitor application security and proactively manage threats.
- Embed security into DevOps lifecycle for secure and rapid innovation.
- Enhance secure development practices to support organisational success.

### Benefits

- Identify clear steps to implement DevSecOps practices.
- Reduce application security defects early in the secure development lifecycle.
- Reduce costs of fixing application vulnerabilities.
- Drive innovation securely in your application development.
- Implement policies to address government and industry regulations.
- Continuous monitoring of DevSecOps and workload protection tooling.

### 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.
- Range of services to support your journey across the entire Secure Development Life Cycle (SDLC)
- Vendor agnostic approach, supporting integration and interoperability to maximise flexibility.
- IBM Garage approach to collaborate and co-create the solutions that align best with your context.

# IBM Security - Secure DevOps Services

## Addressing Business Needs



Developing modern applications comes with many security challenges.

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

### **Siloed Approach to Secure Development**

Security is perceived to slow down development and deployment activities and is seen as an 'add-on'. Many DevOps and CISO organisations operate in siloes, hampering secure development.

### **Regulatory Compliance**

Compliance requirements are constantly evolving and organisations need to maintain and demonstrate continuous security compliance.

### **Debt of Legacy Infrastructure**

Legacy infrastructure and modern, secure applications co-exist. Complex architectures and new technologies create complex security landscapes..

### **Growing Attack Surface**

Attackers are more sophisticated and strategic, exploiting complex environments through the ever changing threat landscape.



# IBM Security – Secure DevOps Services

## Service Definition

IBM provides consulting, integration and managed security services that map to your application development framework.

Secure DevOps 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.

IBM Security – Secure DevOps Services provides a full range of capabilities including:

### **1. Enablement Services**

Learn, discover and start your transformation into a modern DevSecOps model through enabling your development teams to integrate DevSecOps practices into day-to-day operations.

### **2. Strategy & Design**

Assess the current state of security in your development lifecycle and build a roadmap for future state. Design a solution tailored to your development processes.

### **3. Integration Services**

Receive support with deployment planning, implementation and integrations to scale, simplify and secure your secure development lifecycle.

### **4. Managed Services**

Continuously validate your DevSecOps and cloud workload security posture with our managed security services. Including vulnerability management, policy management and threat modelling.

### **5. Champion Services**

Utilise our qualified security experts to implement secure development services embedding security by default and build trust across your organisation.

## 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.

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 DevSecOps.
- Vendor agnostic approach, supporting interoperability and flexibility to deploy your preferred solution.
- Program governance tailored to your organisation's needs.
- Employ the IBM Garage method to co-create solutions that best align your context and requirements.
- Building long-term client relationships based on innovation, trust and service excellence.
- Developing and deploying world-class talent.

IBM Secure DevOps Services can support you at every stage of the Secure Development Lifecycle.

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

### 1. Enablement Services

- Receive actionable recommendations to prioritise investment and resources to address critical gaps and achieve compliance.
- Upskill your existing resources and reduce staffing costs.

### 2. Strategy & Design

- Enhance the security architecture of your development lifecycle.
- 'Shift-left' security practices to reduce security defects.

### 3. Integration Services

- Improve the security of applications before they enter production.
- Optimise policies and processes to increase development speed and security.
- Address government and industry compliance requirements.

### 4. Managed Services

- Continuously monitor security tooling to maintain secure practices and compliance.
- Reduce cost of fixing vulnerabilities through efficient management of secure development lifecycle.
- Increased productivity through automated security policy assignment during development.

### 5. Champion Services

- Transfer knowledge to your development teams, across the secure development lifecycle.
- Reduce costs by augmenting your existing teams.





## About IBM

### Supporting Government



We help government organisations in the UK and worldwide deliver and transform essential public services – our teams are passionate and proud about helping you to make a real difference to people's lives.

The problems we solve for clients are complex and cannot be satisfied with technology alone. They require a partner that can also offer deep industry expertise and a relationship of trust.

IBM combines the portfolio, people and sense of purpose necessary to meet today's enterprise demands. Every day, we support and manage complex delivery for government clients where the impact of delivery has wide-reaching impact on citizens and national services.

We bring access to the industry experience, insight and technology capability to deliver and operate secure, scalable, optimised and available services for government.

#### Government Services Supported by IBM



Defence and Intelligence



Public Safety and Policing



Healthcare



Life Sciences



Tax and Revenue Management



National Infrastructure



Social Care



Education



Works and Pensions

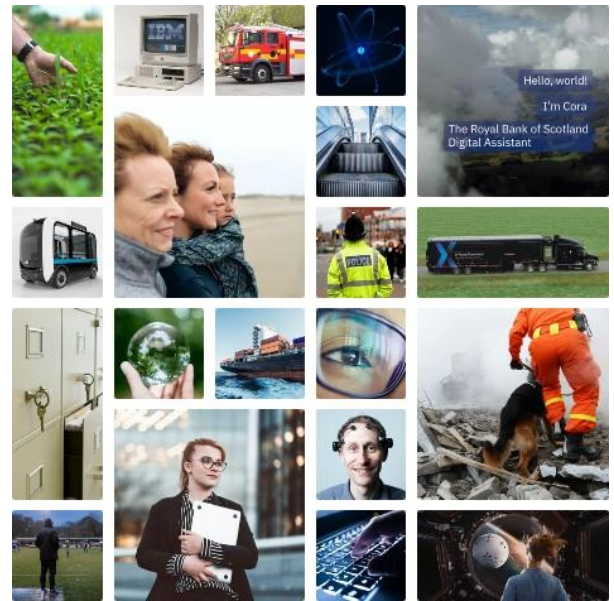
We support you by bringing:

- Industry expertise – Professionals who understand and are passionate about delivering quality public services and can bring industry insights and apply innovation to your business processes
- Trust and security capabilities – Protecting valuable data and insights and deploying new innovations responsibly
- Innovative technology – Expertise in areas such as AI, blockchain, 5G, Automation, IoT, cybersecurity and quantum, delivered in a Hybrid Cloud environment
- Experienced Services professionals to support strategy, innovation and deliver transformation and change to processes, applications, and cloud infrastructure
- Global alliances – valuable partnerships with the world's leading vendors

## About IBM

### 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



#### 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**



## **We are Here to Help**

This document provides an overview of our service with context about how our services can support you and how we work. You can also find out more about us and our work at [ibm.com](https://www.ibm.com).

However, every organisation faces unique challenges and our specialists are available to answer your questions and discuss how our services can be tailored to your needs. You can reach us by email, and we are here to help.

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