

ROKE



UK Government Obligations Investigatory Powers Act Compliance

G Cloud 15
Service Definition

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UK Government Obligations Investigatory Powers Act Compliance – Service Definition

Benefit from deep systems engineering and compliance system solution design, combined with our broad understanding of emerging technologies and the opportunities and challenges they present, coupled with deep subject matter expertise in the application of the act and its amendments both strategically and in the operational, real-world theatre.

Roke provides meaningful and credible impact assessments, architecture development, solution design, assurance and in-service support for communication and compliance services.

We perform research and advise on the threats and opportunities provided by emerging technologies to compliance services. We provide novel and innovative solutions for collecting, storing, analysing, and exploiting compliance data for cost and operational advantage.

We enable our clients to become proactive in managing their compliance obligations and adapting to changes in legislation and technology change.

Service Offering

- Impact assessment
- Architecture and system design
- Data engineering and analytics
- Assurance
- In-service support

We have over 20 years' experience supporting clients in meeting their compliance obligations, combined with broad expertise from the physical layer and the full digital technology stack.

Roke maintains several credible and knowledgeable subject matter experts across many domains. Their credibility and real-world knowledge of the business space we operate in

allows for relevant conversations and discussions to take place effectively as critical friends of purpose, achieving strategic and operational aims and objectives.

Our staff are security cleared, and Roke has established government compliance relationships. With deep experience across the National Security, Law Enforcement, Police, Defence, Central Government, and Industry Roke is well placed to understand our clients' specific domains, the impact of compliance legislation on them, and how to meet these obligations in a cost-effective way.

Investigatory Powers (Amendment) Act 2024:

Roke understands the impact the changes to definitions, safeguards for BPDs, and updated warrant processes to address technological evolution in the Act will have in protecting the UK. Staff with expertise are regularly consulted for their view on the opportunities and challenges presented by the amendments to the legislation. The focus is clear: to enable practitioners and strategic leaders to maximise the opportunities in implementing changes via the new Codes of Practice and regulations. Consultations and updates will reflect the new law's requirements and how Communications Data can be lawfully, intelligently, and sensitively exploited.

Detailed Service Definition

Impact assessment

Roke's compliance impact assessments enable government and industry clients to cost-effectively capture the impact of current and emerging technologies upon their compliance systems.

Architecture and system design

Roke's expertise in system design and systems engineering, combined with expertise in compliance solutions, enables us to assist a range of clients with meeting their compliance obligations.

Benefiting from our expertise in compliance systems means you will minimise time and schedule risk. We will work with you throughout the lifecycle to minimise the deployment costs and timescale for achieving compliant operations, as well as supporting growth and managing through-life system changes.

Data engineering and analytics

We have a strong track-record of developing big data architectures, using open-source technologies, evaluating options and their associated opportunities and threats.

Roke can provide solutions to integrate with existing architectures to be managed by clients or provide managed services. By working closely with clients, we can rapidly design and integrate new features to managed services and adapt as your needs change.

For more information, see our Data Engineering and Analytics service.

Assurance

Roke is often asked to provide third-party assurance for others' solutions; for example, by acting as the UK conformance test facility for PRIME cryptographic devices. In addition, Roke is repeatedly asked to peer review the work and proposed submissions of conglomerates and primes. This is a key differentiator for us in

serving to achieve greater cohesion of agencies and corporate entities.

Our ability in systems engineering, combined with expertise in compliance solutions, enables us to conduct rigorous reviews throughout a systems' lifecycle to support organisations with their compliance obligations.

Where appropriate, we can separately specify, design, and deliver automated testing frameworks, tools, and data sets to support continuous assurance during operation.

In-service support

Our dedicated support team can provide one-off or continuous support from security cleared staff with established government compliance relationships.

We can provide a range of support models and incident management services to enable you to meet your compliance obligations and respond confidently to service incidents.

We can also support operations teams with tooling and automation to improve systems monitoring and situational awareness, allowing support incidents to be accurately triaged, assessed and responded to.

Key Services

Impact assessment

- Identify changes in the environment
- Emerging threats and opportunities
- Enabling migration to cloud
- Evolving legacy compliance solutions

Architecture and system design

- Meeting UK government IPA/security requirements
- Architecture and solution definition
- Market analysis
- Delivery of compliance requirements for communications content (lawful interception)
- Delivery of compliance requirements for metadata (CDRs, ICRs, subscriber information)
- Independent procurement support

Data engineering and analytics

- Cloud architecture and operations
- Data modelling and fusion
- Data migration and ETL from legacy systems
- Rapid analytic development and data feed integration
- Stream and batch data processing
- Artificial intelligence and machine learning consultancy and development

Assurance

- Meeting UK government IPA/security requirements
- Assurance of third-party solutions

- Assurance of automated test frameworks and compliant operation
- Generation of predefined synthetic data sets for assurance testing

In-service support

- One-off or continuous support
- Security cleared staff
- Established government compliance relationships
- Provision of subject matter experts, credible in the business space at the strategic and operational levels
- Automated test frameworks to validate system operation
- Monitoring and situational awareness



Pioneering Technology for Global Security & Future Warfare

At Roke, we stand at the forefront of defence and security, delivering cutting-edge intelligence and engineering solutions that protect nations, troops, borders, critical national infrastructure and businesses. We bring the credibility of a long-standing defence and security leader, the precision of a specialist, and the agility to solve complex, high-stakes challenges with purpose and impact.

Roke is at the forefront of shaping the future of digital defence, intelligence, and national security.

We are Roke. We are Changing Worlds.

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