



Your operations  
protected

Ready?



vodafone  
business



# IoT Security Policy & Management

As the boundary between physical and cyberspace becomes blurred and organisations become more reliant on highly connected, data-rich networks of sensors and actuators known as the Internet of Things (IoT), it is vital that security policies and management systems are in place to ensure that these IoT systems, solutions and their associated data remain secure.

Vodafone works closely with its independent security partner to provide Security Policy & Management services. We can help you develop IoT security strategy, governance, policies, procedures and management systems in order to protect your operation.



## What do we offer?

We can provide guidance on:

- IoT Security Governance
- Identification of relevant and suitable assurance review process gates (for cost-efficient programme of work)
- Controls and management for your IoT estate
- GDPR and Data Protection policy development
- IoT and infrastructure including 5G threat and risk analysis
- Resilience of critical IoT systems to ensure operational continuity

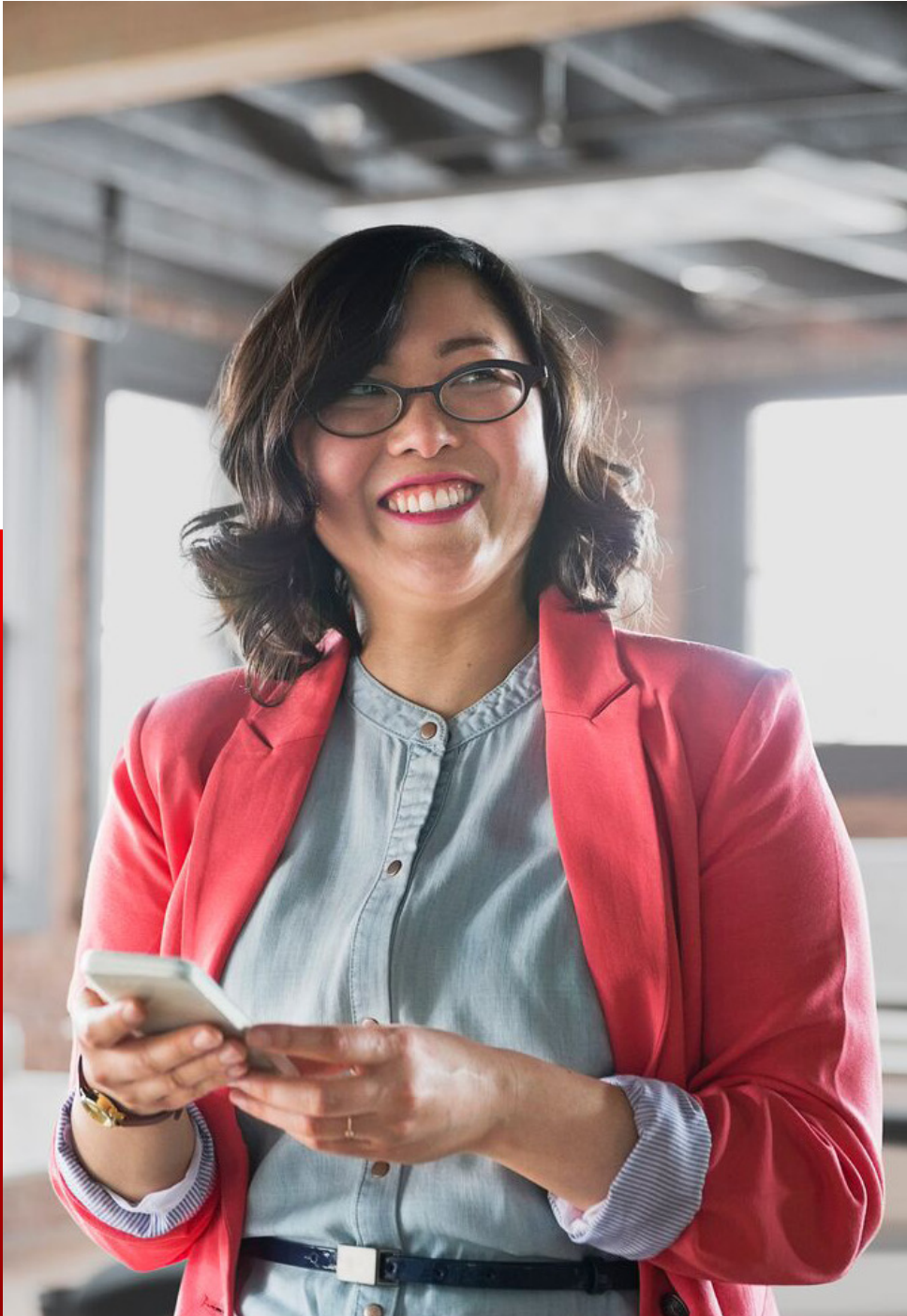
## Experience at your service

We have a large team of specialists who can work with you to align your information assurance policy, strategy, design and management systems to each other and to your business objectives to provide you with a level of information security that supports your IoT plans.

Our team includes professionals with:

- CISSP certification
- CCP Lead and Senior certification
- ISO 27001 Lead Implementer
- NCSC CHECK
- CREST
- TigerScheme





## Benefits from Security Policy & Management

With our consultancy, you will benefit from:

- Initial detailed IoT requirements scoping focusing on security and availability
- Comprehensive knowledge of IoT security legislation and industry compliance matters and guidance
- Assurance of IoT architecture security
- Implementation and roll-out expertise, including ISO 27001 requirements
- Future-ready advice including the latest 5G infrastructure considerations

## IoT Security Policy & Management approach

Many IoT products fall short of even basic security measures as they are usually designed with functionality as the sole focus. It can be unclear who is responsible for security decisions due to a fragmented supply chain and a lack of security expertise in deployment. This challenge is exacerbated by a lack of governance, standards and policies around IoT security and a lack of accountability on developers and installers in regards to security.

“By plugging complex Building Management Systems straight into networks, numerous security layers are bypassed. They may be accessible through public Wi-Fi or even physically accessed, with default passwords often left in place.”

A New Era of Cyber Threats: The Infrastructure Hack, Infosecurity Magazine



## We will

- Take away the security headaches in your IoT delivery projects
- Compile evidence of compliance with security-relevant standards required by external bodies
- Help you understand your exposure to security risks

## We can

- Ensure that your organisation has governance structures in place to guarantee accountability and ownership for IoT security
- Help you achieve and maintain relevant security accreditation for your IoT systems
- Audit compliance to relevant documented procedures and standards
- Prepare security operating procedures
- Provide advice on the security risk inherent in different designs
- Recommend solutions to security requirements
- Promote security awareness through training and assess training effectiveness
- Help you understand your exposure to security risks

## Why Vodafone?

Vodafone has more than 20 years' experience in the IoT arena with more than 1,300 dedicated IoT experts. We bring unrivalled capabilities together as one of the world's largest mobile networks with outstanding customer experience and a long track record of success with more than 100 million IoT connections deployed.

Our customers are confidently connected, receiving unmatched services, experience and benefit from proven expertise. Vodafone will enable you to harness the full potential of IoT technology with a range of professional services and keep your organisation ahead of the game.

## Next steps

To discover more about how IoT Security Policy & Management from Vodafone can help your organisation optimise your IoT solution effectively and affordably, contact [IoT@vodafone.com](mailto:IoT@vodafone.com) or visit [vodafone.com/business/iot](https://vodafone.com/business/iot).



[www.vodafone.com/business](https://www.vodafone.com/business)

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## Ready?

