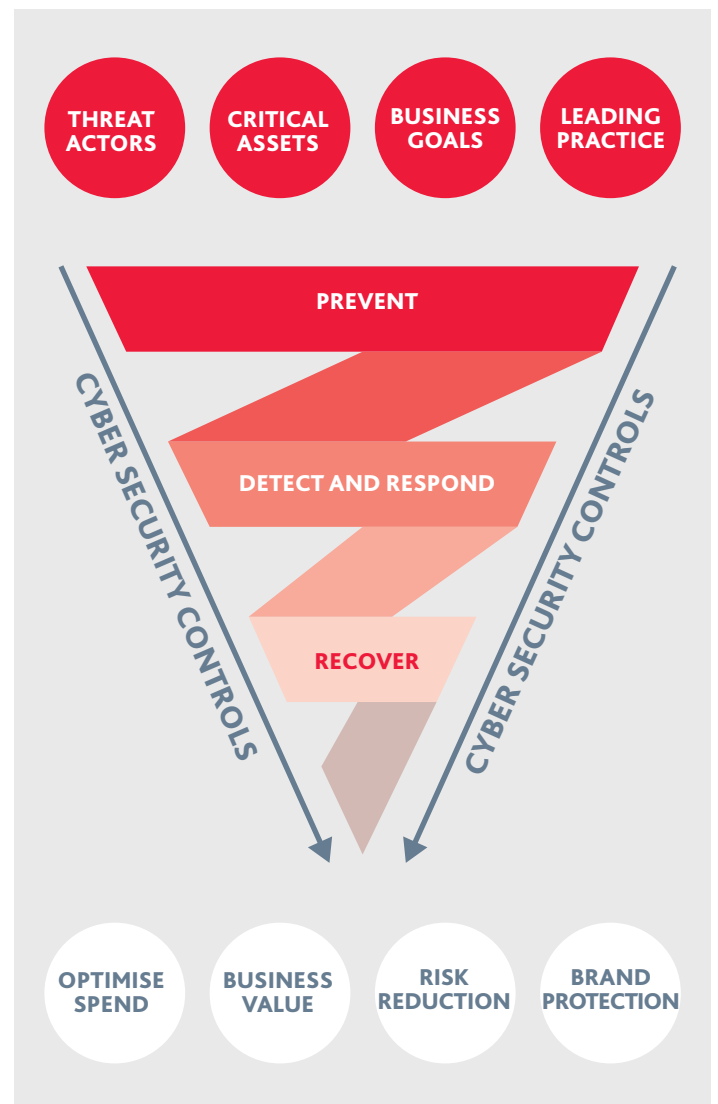# BDO CYBER:
CYBER STRATEGY AND GOVERNANCE
CONSISTENTLY MANAGING CYBER RISK

The field of information security has evolved with organisations' investment in, and use of technological developments. Organisations today are able to yield benefits from large-scale collection of data and enhanced connectivity with customer and third parties through digital platforms.

These same factors however also expose organisations to cyber threats. Cyber Security will remain the prominent digital challenge of the 21st century, with attacks becoming increasingly more sophisticated and complex (from phishing and socially engineered attacks to targeted, advanced persistent attacks).

BDOs Cyber Strategy and Governance Services provide a unique threat based approach to managing cyber security. This approach centres around understanding the cyber threats our clients face, the critical information assets they are trying to protect in a way that both business and IT understand and aligns to the organisations goals. This allows our clients to better align their security controls and associated cost to the value of their assets they are trying to protect as well as align these to leading practice standards in order to enable them to implement risk based control to prevent, detect and respond and recover from cyber threats.

THREAT ACTORS · CRITICAL ASSETS · BUSINESS GOALS · LEADING PRACTICE

CYBER SECURITY CONTROLS

PREVENT

DETECT AND RESPOND

RECOVER

CYBER SECURITY CONTROLS

OPTIMISE SPEND · BUSINESS VALUE · RISK REDUCTION · BRAND PROTECTION

IDEAS | PEOPLE | TRUST

BDO

BDO CYBER: SINGLE SOURCE FOR CYBER RESILIENCE

BDO CYBER OFFER THE FOLLOWING CYBER SECURITY STRATEGY AND GOVERNANCE SERVICES

1. SECURITY COMPLIANCE SERVICES:

There are a number of different security standards organisations may need to adhere to help you understand and meet the requirements of various standards – based on their industry or the data they hold. We have methodologies to help you meet the requirements of various standards including PCI DSS, Cyber Essentials, ISO 27001/2, Gambling Commission compliance, SOC2, GDPR, and ISO 27035 Incident Response Frameworks.

2. INFORMATION AND CYBER SECURITY STRATEGY SERVICES:

Our experts can help develop or assess your cyber security strategy in the following areas:

A. Assist senior management in understanding in identifying 'crown jewels' and protecting them from the emerging threat scenarios (including phishing, mobile and 'BYOD' devices, cloud-based services, and more traditional channels such as physical security threats, and those from the network perimeter.

B. Determine the current state of cyber control environment within the organisation aligned to their crown jewels and threats they face and determine desired control environments.

C. Develop risk reduction strategies and control improvement roadmaps to reduce risk exposure, protect your brand and add value to the business.

3. SECURITY IMPROVEMENT PLANNING:

We understand the most efficient and effective way to manage the security threats. We can work with you to identify appropriate technology solutions, conduct vendor selection, enhance security management processes, provide assurance over key 3rd party service providers and provide security awareness training to the board or employees.

4. INCIDENT RESPONSE READINESS:

Assess how mature your incident response plans are including use of tools, methods to help contain the attack, communication strategy and recovery plans. Our assessments are aligned to ISO 27035 which details information security incident management, including best practices and infosecurity frameworks. Additionally, we can help you test the plans you have in place by carrying out a simulated attack, either desk-top based or cat & mouse game.

5. POLICY AND PROCEDURE CREATION:

We can assist you in creating your policy universe. This will include workshops with key stakeholders and understanding of the procedures already implemented in order to create the overarching governance frameworks.

6. CYBER SECURITY INTERNAL AUDITS:

We will perform a controls review as a part of Internal Audit in order to assess your compliance to internal policies and procedures and provide independent assurance over your control environment.

ADVISE, TRANSOFRM, RUN

BDO: A single source for Cyber resilience

Advise: We help our clients identify and understand their cyber risks.

Transform: We can help remediate identified issues and improve cyber resilience with the help of 'best in class' technology partners.

Run: Finally, where appropriate, we can provide a fully managed cyber security service so that our clients have peace of mind and assurance that their organisation is ready to face cyber threats.

For more information: BDO CYBER SECURITY TEAM | +44 (0)203 219 4582 | cyber@bdo.co.uk

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