BDO
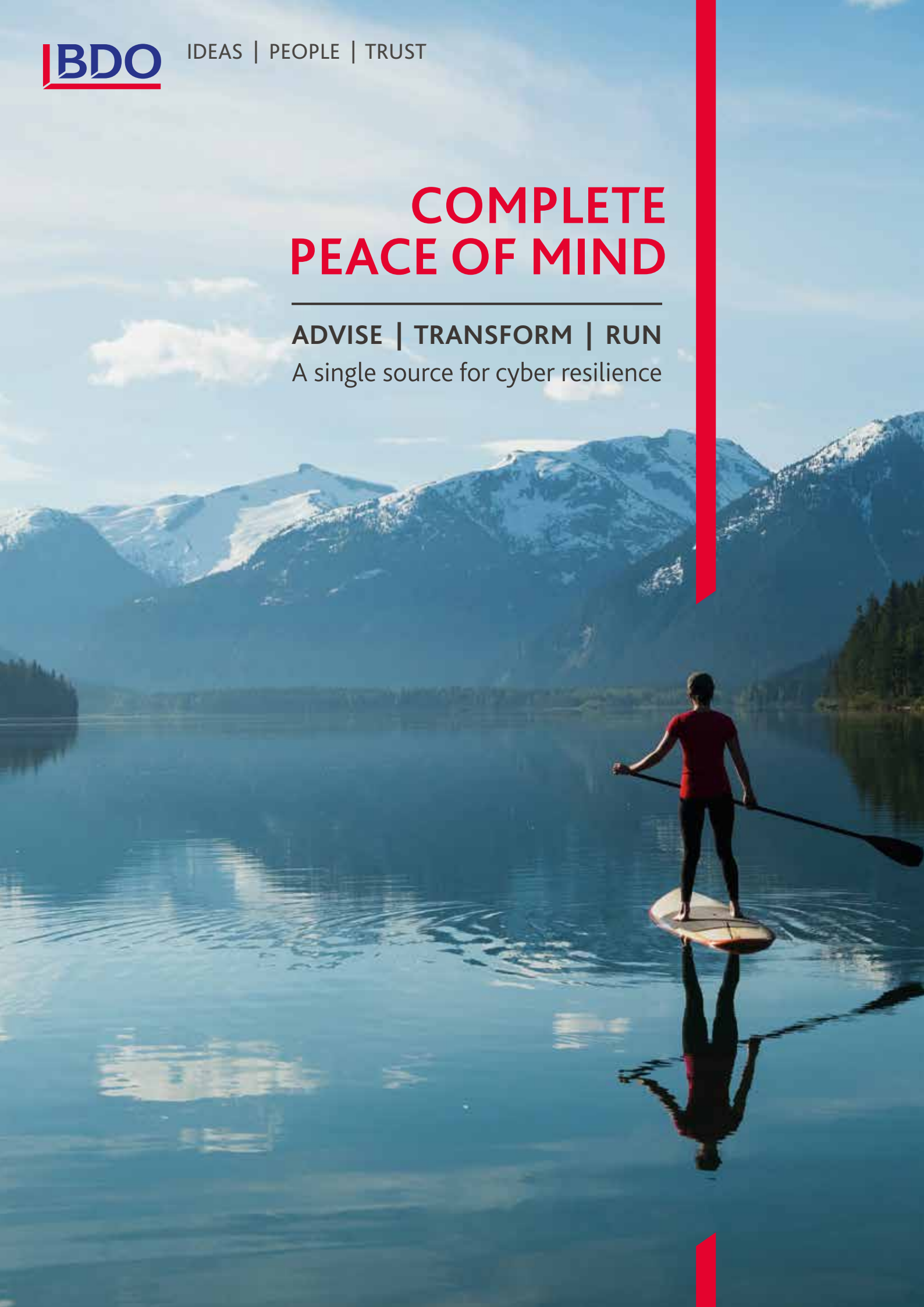
COMPLETE PEACE OF MIND

ADVISE | TRANSFORM | RUN

A single source for cyber resilience

SINGLE SOURCE CYBER RESILIENCE

Cyber Security is the biggest digital challenge of the 21st century. Cyber criminals and their attacks are becoming increasingly sophisticated and as digital technology transforms the way businesses operate and deliver, the potential impact of cyber attacks grows exponentially.

Advise: Identify and assess weaknesses in your cyber security and find any issues around compliance with the latest regulations.

We will use our experienced and qualified team to ensure you have a real-time and comprehensive understanding of your current cyber resilience and risks.

Transform: Utilising 'best in class' cyber technologies to remediate identified issues and improve your cyber resilience.

We will help you select and implement the right technical solutions and establish cyber resilience best practice.

Run: Get complete peace of mind and assurance that your organisation is appropriately protected against cyber risk.

We provide fully managed cyber security services that respond quickly and effectively to emerging cyber threats. This robust approach to cyber security allows you to focus on other functional areas of your business.

The BDO Cyber Security team of highly qualified experts delivers a full cyber security service to clients. With extensive experience in cyber security work across many sectors, we are motivated by the challenge of providing peace of mind to our clients.

AT A GLANCE

ADVISE
IDENTIFYING AND UNDERSTANDING CYBER RISK

CYBER STRATEGY AND GOVERNANCE

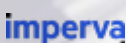**OFFENSIVE SECURITY SERVICES**

DATA PROTECTION AND PRIVACY

TRANSFORM
TRANSFORMATION TECHNOLOGY AND SERVICES

IMPLEMENTATION OF CYBER TECHNOLOGIES

bitglass Next-Gen CASB

SafeBreach

imperva

RUN
FULLY MANAGED SECURITY SERVICES

VULNERABILITY MANAGEMENT SERVICES

INCIDENT RESPONSE

MANAGED DETECTION AND RESPONSE

ADVISE

We will identify and spend time fully understanding your cyber risks

- ▶ Understand the **cyber risk exposure** to your business by evaluating people, process and technology
- ▶ **Identify gaps** in compliance
- ▶ Advise on appropriate **protection levels around critical assets**
- ▶ Stay **a step ahead** of cyber threats
- ▶ Improve strategic **resource allocation** for cost-effective risk reduction
- ▶ Design **appropriate cyber responses** and strategies.

CYBER STRATEGY AND RISK ASSESSMENTS

We will help you understand your cyber risk exposure, the current state of your cyber controls environment, and identify any residual risk.

We will work with you to define appropriate responses to reduce cyber risk to acceptable levels.

We can identify appropriate technology solutions, conduct security vendor selection, enhance security management processes, provide assurance over key 3rd party service providers, and run security awareness training for your board and employees.

Cyber Strategy and Roadmap Development | Cyber Threat Assessment | Risk and Controls Assessment

GOVERNANCE AND COMPLIANCE ASSESSMENT

We help our clients define appropriate governance frameworks, structures and policies that align to a range of leading practice requirements, which we can then assess compliance against.

GDPR | ISO27001 | PCI DSS | SOC2 readiness assessment | Incident response assessment | Gambling Commission compliance | Cyber Essentials

OFFENSIVE SECURITY SERVICES

We help our clients identify vulnerabilities in their control environment by using a hacker's mindset to exploit information as well as technology to reveal the business impact.

Mobile application penetration testing | BigData / Data Lake security testing | IoT Hardware/Firmware security testing | Red, Blue and Purple teaming exercise | Vulnerability Assessments | Cloud compromise assessments | Social engineering exercises

TRANSFORM

We will combine our experience with leading cyber technologies to improve your cyber resilience

BDO will implement leading cyber technology solutions that mitigate the cyber risks specific to your business. These technologies can:

▸ **Monitor IT environments** to identify and respond to cyber threats or breaches

▸ **Provide control and visibility** for cloud applications or mobile devices

▸ **Manage access** to company information and data

▸ **Protect web applications and databases** from attacks and data loss

▸ **Improve cyber resilience and data protection** by driving behavioural changes

▸ **Simulate breaches and attacks** to provide data-driven insight on vulnerabilities.

DEPLOYING THREAT PROTECTION TECHNOLOGY

We manage the solution implementation end to end including proof-of-concept, use-case development, testing, handover and training for any identified cyber threat. We consult on how to most effectively configure the technology for your business to ensure you get the most value.

Our suite of services covers a wide range of solutions including:
- **Cloud Security**
- **Breach and attack simulation**
- **Application & Database security**
- **Cyber Awareness**
- **GDPR compliance**
- **Privileged Access Management**

Here's a spotlight on some of our chosen cyber technology providers:

Cloud Security — bitglass Next-Gen CASB

- Next generation Cloud Access Security Broker (CASB)
- Data and threat protection on any application, on any device.

Breach and Attack Simulation — SafeBreach

- Platform simulates attacks across the kill chain
- Operates continuously to detect and report cyber risk.

Application and Data Security — imperva

- Deploy flexible Web Application Firewalls and Data Security
- Maintain protection throughout business growth and change.

RUN

We identify and remediate threats and vulnerabilities to your network and infrastructure, giving continuous protection

- ▶ **We provide robust, size-appropriate managed services built on proven technologies.** This will improve cyber resilience by proactively identifying risks and delivering a rapid and informed response to threats
- ▶ **We are an extension of your team,** reducing resources committed to managing cyber security while providing 24/7 peace of mind
- ▶ **We deliver the benefits of operating at scale** to an organisation of any size
- ▶ **We are a CREST and FIRST accredited team with expert and certified professionals** (SSCP, CEH, CHFI, LPT)

MANAGED SECURITY SERVICES

Our fully managed security services consist of:
Vulnerability Management Services | Incident Response | Host Network and log analysis (SIEM) | Security Operations Centre (SOC) | Cyber defence capabilities (DevSecOps) | Threat research and monitoring | Real-time Red Team operations | Threat hunting

- ▶ You will have **flexible deployment options** depending on your organisation's size and IT environment. This can include either on-premise or cloud-based solutions
- ▶ We use **deception technology** to help alert to a breach, providing insights on the attacker's objective before assets can be targeted
- ▶ We carry out **proactive threat hunting** internally and externally to prevent the threat ahead
- ▶ You benefit from a **forensically sound, big-data-enabled log repository** – an intelligent central store of logs integrated and time-stamped
- ▶ We carry out **internal and external vulnerability scans** of your environment in line with your defined schedule and policy
- ▶ We **streamline observations into a customised reporting dashboard** to quantify your threat landscape and actions taken to protect your environment. This provides context to your cyber strategy, enabling wider visibility on progress made for C-level, management and operational reporting.

FOR MORE INFORMATION:

JASON GOTTSCHALK

+44 (0)203 219 4582
cyber@bdo.co.uk

www.bdo.co.uk