itb

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# Cybersecurity Assessments

ITB Security Services

## THE CHALLENGE

One of the key challenges in cybersecurity is staying ahead of evolving threats. As new technologies and practises emerge, so do vulnerabilities that cyber criminals exploit.

With the extensive amount of data and connected devices in the modern day, protecting against attacks becomes more challenging. As timely timely detection and response becomes more difficult -amplified by the scarcity of skilled cybersecurity professionals – organisational cyber defence must now fit the complexity of modern environments.

A critical first step is to identify cybersecurity challenges, optimise investments and build a robust cybersecurity strategy and roadmap. This enables your organisation to plan for future investments and close vulnerabilities – making you more secure.

## Our Approach

identify        define        map        action        report        enhance

ITB provides comprehensive and innovative solutions to address your cybersecurity challenges. Our advanced technologies, paired with simple but effective methods, reduces the burden of cybersecurity.

By offloading the complexities of managing cybersecurity, you can optimize resources, helping your organisation achieve security it's goals.

Our skilled professionals become part of your security journey, identifying and implementing robust strategies to enhance your security posture.

As your trusted partner, we work closely with you, overcoming budget and resource limitations, and safeguarding your assets.

**So, how do organisations build in safeguards, increase security posture and minimise their cyber risk?**

identify

define

map

action

report

enhance
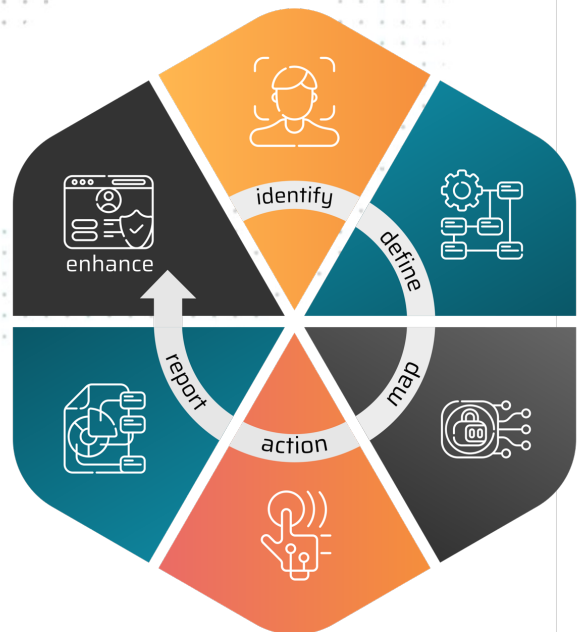
## 1. IDENTIFY

The first step of any security program is to understand your organisational objectives, environment, and current security controls.

We initiate the process with an initial discovery call to discuss your workflow, followed by a fundamentals assessment (which encompasses nine key security areas). Subsequently, we will provide you with a detailed report containing advice on areas where basic security objectives need improvement. Lastly, we examine how your organisation adopts security technology.

By gaining a comprehensive understanding of your goals, we can offer guidance on best practices to optimize current investments, enhance your security posture, and plan for future improvements.

| Initial Discovery | Fundamentals Assessment | Technology Gap Analysis |

## 2. DEFINE

Once we have established a solid understanding of your IT infrastructure, security safeguards, and challenges, it is crucial to shift our focus towards a set of key improvements.

Our objective is to define a strategy that aligns with industry-leading security frameworks (such as CyberEssentials, NCSC, CIS, and ISO27k) to ensure that the chosen framework directly supports your organisational objectives.

Additionally, we conduct thorough security audits, delving deep into your policies and procedures, and validating the effectiveness of your security controls. This meticulous approach allows us to identify any gaps and make necessary enhancements to bolster your overall security posture.
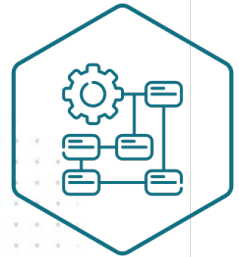
| Security Audits | Security Roadmaps | Cyber Essentials | Pentesting & ASM |

## 3. MAP

Finally, we have the capability to align your security controls and procedures with ISO27k standards. Using qualified ISO practitioners, we conduct a thorough readiness assessment - ensuring that you meet and surpass the requirements. With this evaluation, you can have full confidence in your ability to meet the standards.

Additionally, we offer expedient security consulting or virtual CISO services . This ensures that, regardless of your specific goals, your security considerations are met with utmost expertise and attention.

| ISO27k Readiness | Security Consulting | vCISO |

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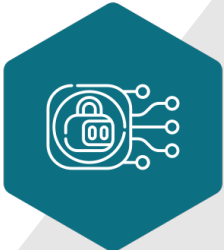
## WHAT DO WE COVER

All of our assessments cover nine key areas of security, each focusing on cyber resilience. Our consultants review the critical areas of your security architecture and practices and then map them against industry-recognised guidance.

- ❖ Access Management
- ❖ Cloud Security
- ❖ Data Security
- ❖ Edge Security
- ❖ Endpoint Security
- ❖ Network Security
- ❖ Physical Security
- ❖ Risk Management
- ❖ Security Operations

| Policies | Procedures | Technology Adoption |

## HOW WE DO IT

Depending on the requirement, audits are conducted by gathering information in a variety of manners. Initially, detailed questions provided to key stakeholders along with follow-up interviews to discuss their responses This is then followed up by review of any pertinent documentation.

Once all the information has been collected, we carefully examine the responses and evidence gathered to produce a customized report on your security strategy. This is tailored to your organisation, with priority given to areas that address the specific security challenges and objectives. The main objective of the strategy will be to ensure that the actions taken are both effective and aligned with your overall security goals.

action

report

enhance

○ optional

## WHAT'S INCLUDED

| | Cyber Fundamentals | Cyber Security Audits | Consulting & vCISO |
|---|:---:|:---:|:---:|
| Current environment and business drivers discussion | ✓ | ✓ | ✓ |
| Cyber fundamentals assessment | ✓ | ✓ | ✓ |
| Basic framework alignment | ✓ | ✓ | ✓ |
| Report with prioritised remediation actions | ✓ | ✓ | ✓ |
| Technology adoption report | ○ | ✓ | ○ |
| Onsite assessment | | ✓ | ○ |
| Stakeholder engagement | | ✓ | ✓ |
| Follow up & guidance sessions | | ✓ | ✓ *ad hoc* |
| Full & direct mapping to security frameworks | | ✓ | ✓ |
| Security policy review & controls validation | | ✓ | ✓ |
| Strategy & roadmap building sessions | | ○ | ✓ |
| Vulnerability scanning | | ○ | ○ |

# Working with you to reduce risk...

Since 2008 we have been helping our customers secure their businesses, data and people from potential threats.

To simplify the role cybersecurity plays within a business, we have established a robust journey that we take with our customers.

We're here to guide you through our security assessment services.
Get in touch to speak with one of our security advisors today.

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