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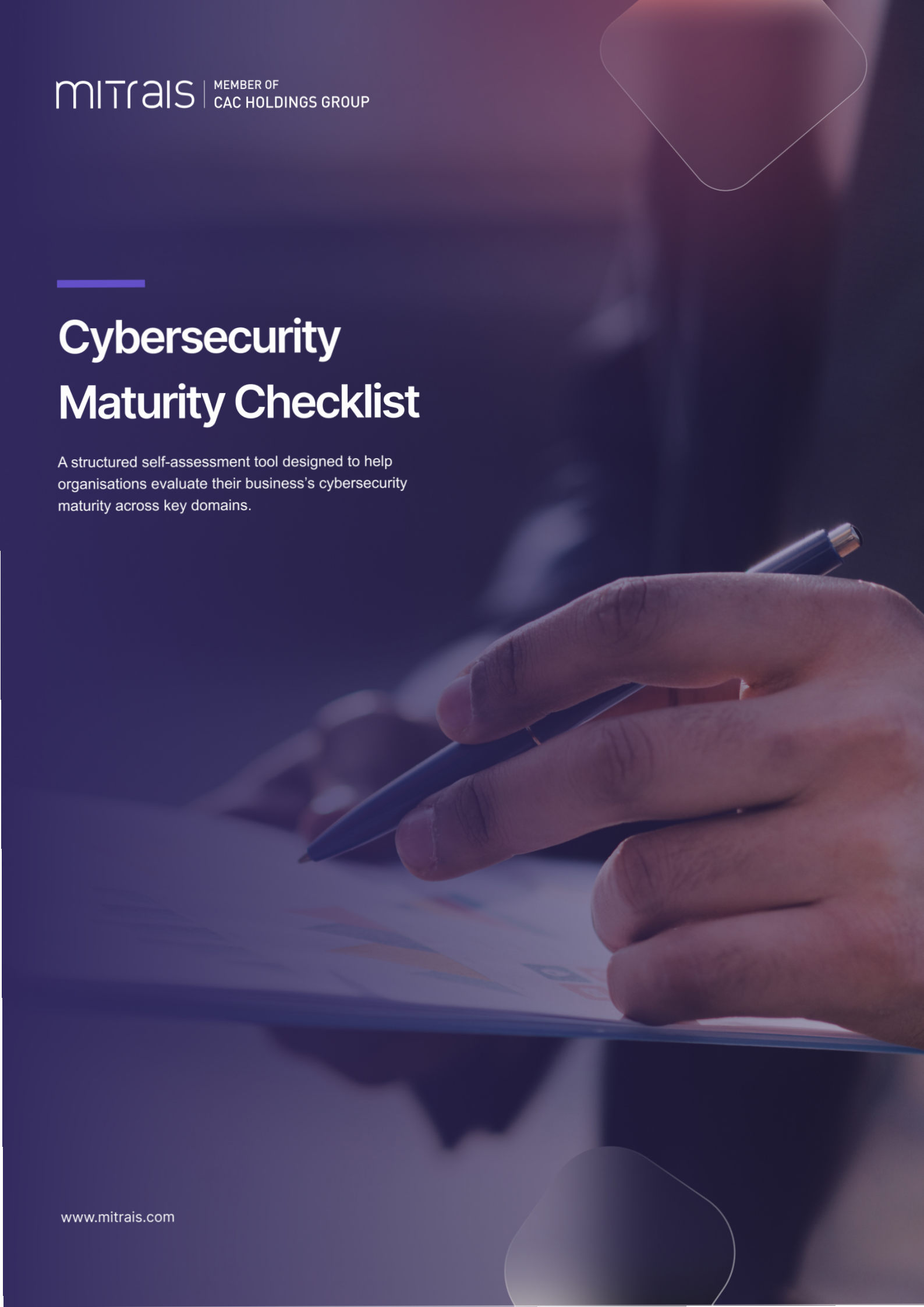
# Cybersecurity Maturity Checklist

A structured self-assessment tool designed to help organisations evaluate their business's cybersecurity maturity across key domains.



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| Cybersecurity Maturity Checklist | Start Date | End Date | Prepared By |
|---|---|---|---|
| | | | |

| Domain | ID | Description | Score (0-5) | Notes |
|---|---|---|---|---|
| Identity & PAM | IAM-01 | MFA is turned on for all users, admins use stronger MFA. | | |
| | IAM-02 | User access updates automatically when users join, move, or leave. | | |
| | IAM-03 | Privileged accounts use a vault and temporary access. | | |
| Cloud Security | CLOUD-01 | Cloud setup follows standard security rules. | | |
| | CLOUD-02 | Cloud tools detect and fix risky security settings. | | |
| | CLOUD-03 | Sensitive cloud data is encrypted with managed keys. | | |
| AppSec / SDLC | APP-01 | Apps are scanned for security issues during development. | | |
| | APP-02 | Software components are tracked and releases verified. | | |
| | APP-03 | Passwords and keys are stored safely, not in the source code. | | |
| SecOps / IR | SOC-01 | Security logs from key systems are collected centrally. | | |
| | SOC-02 | Alerts follow known attack patterns and are improved. | | |
| | SOC-03 | Have incident playbooks and run drills. | | |
| Data Protection & Privacy | DATA-01 | Data is classified and labeled, protected with DLP rules. | | |
| | DATA-02 | Data is encrypted when stored and transmitted. | | |
| | DATA-03 | We keep data only as needed and test backups. | | |
| Vulnerability & Patch | VULN-01 | Critical vulnerabilities are fixed first. | | |
| | VULN-02 | Systems and apps are regularly scanned. | | |
| | VULN-03 | Systems are patched regularly. | | |
| Network Security | NET-01 | Networks are segmented to limit risk. | | |
| | NET-02 | Remote access uses Zero Trust and device checks. | | |
| | NET-03 | Internet access is controlled and monitored. | | |
| Endpoint Security | ENDP-01 | Devices follow a standard security setup. | | |
| | ENDP-02 | Devices use EDR to detect threats. | | |
| | ENDP-03 | Devices must meet security rules to access systems. | | |

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|---|---|---|---|---|
| Governance, Risk & Compliance (GRC) | GRC-01 | Security policies exist and are reviewed. | | |
| | GRC-02 | Risks are tracked and reviewed. | | |
| | GRC-03 | Controls mapped to standards and tested. | | |
| Third-Party & Supply Chain | TP-01 | Vendors are checked based on importance. | | |
| | TP-02 | Contracts include security requirements. | | |
| | TP-03 | Critical vendors are monitored. | | |
| Business Continuity & DR | BCDR-01 | Critical systems have recovery targets. | | |
| | BCDR-02 | Disaster recovery is tested. | | |
| | BCDR-03 | Issues found during tests are fixed. | | |
| Awareness & Culture | AWARE-01 | Staff receive regular security training. | | |
| | AWARE-02 | Phishing tests and training conducted. | | |
| | AWARE-03 | Security reminders shared regularly. | | |
| Asset Management | ASSET-01 | We maintain a complete list of assets. | | |
| | ASSET-02 | Assets have owners and labels. | | |
| | ASSET-03 | Asset lists are kept updated. | | |
| Physical Security | PHYS-01 | Physical access is controlled and logged. | | |
| | PHYS-02 | Important areas have CCTV. | | |
| | PHYS-03 | Sensitive areas have physical protections. | | |
| Logging & Observability | LOG-01 | Important logs stored centrally. | | |
| | LOG-02 | Logs cannot be tampered with. | | |
| | LOG-03 | Logging coverage is monitored. | | |
| Metrics & Improvement | METRIC-01 | Security metrics reported regularly. | | |
| | METRIC-02 | Incidents are reviewed for improvements. | | |
| | METRIC-03 | Controls are reviewed regularly. | | |
| **Maturity Score = Total Score / 48** | | | | |

**Guidelines:**

1) Check on the Checklist Description and enter scores (0–5) for each item for the current condition. Please use the Maturity level Reference table for scoring on each item.
2) Update the Notes field with a brief, business-friendly summary of your current state and the evidence.
3) Sum all the scores and check the average score to get the final score.
4) View the final score in the Maturity level Reference table as the scorecard.

# Cybersecurity Maturity Level Table Reference

## Level 0

*Incomplete*

The organisation has minimal security activity in place. Responsibilities are not formally assigned, and any security tasks are performed on an ad hoc, secondary basis. Policies may exist but are not approved, communicated, or applied in practice.

## Level 1

*Performed*

Foundational security activities are carried out, but implementation is inconsistent across the organisation. Processes are reactive, informal, and typically initiated only in response to issues or user requests. Policies are documented but not fully implemented or enforced.

## Level 2

*Managed*

Security processes are partially standardised and repeatable, delivering consistent outcomes in most cases. Documentation, training, and basic tools are available to support implementation. The organisation is able to manage routine security requirements effectively.

## Level 3

*Established*

Security processes are formally defined, implemented, and monitored across relevant business areas. Clear oversight and governance mechanisms are in place. Some teams have begun transitioning manual activities into system supported or automated workflows.

## Level 4

*Predictable*

Security capabilities are fully governed, with all in scope processes documented, maintained, and consistently executed. Continuous improvement practices are established, and several processes have been automated or streamlined. Outcomes are measurable and reliable.

## Level 5

*Optimised*

The organisation demonstrates a highly mature and industry leading security posture. People, processes, and technologies are aligned and function cohesively. Most activities are automated, refined, and continuously optimised to improve efficiency and reduce risk.

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**Terima** Kasih **Thank** You **ありがとう**ございました