NOTE: This complete self-assessment may not be appropriate for use by all entities. It is not intended to function as a benchmark for all regulated entities, rather to be adaptable and tailored to fit the cyber security risk environment of a given entity.

Entities should rate their current individual cyber security framework components on a scale of 1 to 4 and provide sufficient justification in all circumstances. Below is a suggested definition of each of the ratings.

**4** **– Fully Implemented**: The entity has fully implemented the principles. There is evidence to substantiate the assessment. There are no outstanding issues identified.

**3** – **Largely Implemented**: The entity has largely, but not fully implemented the principles across its enterprise, or there may be some minor outstanding issues identified.

**2** – **Partially Implemented**: The entity has partially implemented the principle, major aspects of the implementation remain, and there may be some significant outstanding issues identified.

**1** – **Not Implemented**: The entity has not yet implemented this practice. - N/A: If the entity determines the rating 1 to 4 is not applicable, the entity is encouraged to provide sufficient justification for this selection.

The self-assessment template can be found on the following pages.

LifeArc requires that all suppliers manage information security risk and implement appropriate controls to minimise the impact of a cyber-security incident. The scope of risk includes LifeArc data that the supplier has been given, has access to or has collected on behalf of LifeArc, it also includes the supplier’s own data, where a cyber-security incident affecting it, would significantly impact the supplier’s ability to meet their contracted obligations to us.

# Part 1: Proposal

(For completion by LifeArc purchaser)

|  |  |
| --- | --- |
| Function or Science group |  |
| Contact member of staff |  |
| Internal reference (e.g. contract number, quote number): |  |
| What services will the supplier provide?Describe the activities they will undertake (e.g. cloud hosting, analytical services etc) |  |
| What LifeArc activities will the service support? (e.g. supporting which function in its operations; collaboration between LifeArc for research purposes; delivering communications to external stakeholders, etc) |  |
| What LifeArc data will the supplier process or store as part of the service?Describe the type of data and estimate the amount of data |  |

# Part 2: Supplier details and responses

(For completion by proposed supplier)

|  |  |
| --- | --- |
| Organisation name: |  |
| Address: |  |
| Website: |  |

Please supply details of a contact who can provide clarification on any questions:

|  |  |
| --- | --- |
| Contact name: |  |
| Email address: |  |
| Telephone number: |  |

|  |  |
| --- | --- |
| Date form completed: |  |
| Completed by (name and role) |  |

Please complete the questionnaire by providing a response to each question. If you wish to submit any supporting documentation as part of your answer, please provide it with your completed questionnaire.

|  |  |
| --- | --- |
| **1** | **Conditions of Purchase** |
|  | Question | Response |
| 1.1 | Have you read and agree to the LifeArc’s Goods and Services Supply Agreement (attached) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **2** | **Organisation and Resources** |  |  |  |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 2.1 | The entity has clearly established accountability and ownership of the cyber security framework |  |  |  |
| 2.2 | The entity has assigned responsibility for the management of cyber security |  |  |  |
| 2.3 | The entity has threat intelligence, threat management and incident response procedures |  |  |  |
| 2.4 | The entity has sufficient skilled staff for the management of cyber security |  |  |  |
| 2.5 | The entity has a plan to provide ongoing technical training for cyber security |  |  |  |
| 2.6 | Cyber security training and awareness is provided to new and existing employees |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **3** | **Cyber Risk and Control Assessment** |  |  |  |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 3.1 | The entity has a process to conduct regular and comprehensive cyber risk assessments that consider people (i.e. employees, clients and other external parties), processes, data and technology. |  |  |  |
| 3.2 | The entity assesses and takes steps to mitigate potential cyber risk arising from its critical IT service providers. |  |  |  |
| 3.3 | The entity conducts vulnerability hardware and software scans and testing for client, server, and network infrastructure to identify security control gaps. |  |  |  |
| 3.4 | The entity conducts penetration testing of the network to identify security control gaps |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **4** | **Situational Awareness (Identify)** |  |  |  |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 4.1 | The entity maintains a current knowledge base of its users, devices, applications and their relationships, including but not limited to: - software and hardware asset inventory, Network maps; and - network utilization and performance data |  |  |  |
| 4.2 | The entity centrally stores a history of security event information. |  |  |  |
| 4.3 | The entity monitors and tracks cyber security incidents in the financial services industry and more broadly as relevant, through participation in industry programs (e.g. NCSC) |  |  |  |
| 4.4 | The entity subscribes to industry research and other relevant publications on cyber security. |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **5** | **Threat and Vulnerability Risk Management (Protect and Detect)** |  |  |  |
|  | **Data Loss Detection / Prevention** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 5.1 | The entity has implemented tools to:- prevent unauthorized data leaving the enterprise;- monitor outgoing high-risk traffic to detect unauthorized data leaving the entity;- safeguard data in online and offline stores (e.g. desktop, laptops, mobile devices, removable devices, and removable media) and - safeguard data. |  |  |  |
|  | **Cyber Incident Detection & Mitigation** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 5.2 | The entity has implemented the following security tools and provides for their currency, automated updates, and enterprise-wide application:- intrusion detection / protection systems; - web application firewalls; - anti-virus; - anti-spyware; - anti-spam; and - other (please describe). |  |  |  |

|  |  |
| --- | --- |
|  | **Software Security** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 5.3 | The entity has a process to obtain, test and automatically deploy security patches and updates in a timely manner based on criticality. |  |  |  |
| 5.4 | The entity considers and mitigates cyber risk arising from use of any unsupported software. |  |  |  |
| 5.5 | The entity has a process to confirm successful deployment of security patches and resolve update failures |  |  |  |
| 5.6 | The entity’s internally or externally developed software is subject to secure system design, coding and testing standards that incorporate appropriate cyber security controls. |  |  |  |
|  | **Network Infrastructure** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 5.7 | The entity has implemented network monitoring and protection |  |  |  |
| 5.8 | The entity is able to rapidly and remotely isolate, contain or shut down compromised operations. |  |  |  |
| 5.9 | The entity has implemented processes and tools to secure mobile devices (including personal cell phones and tablets) and wireless networks. |  |  |  |

|  |  |
| --- | --- |
|  | **Standard Security Configuration and Management** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 5.10 | The entity documents, implements and enforces security configuration standards to all hardware and software assets on the network. |  |  |  |
|  | **Network Access Control & Management** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 5.11 | The entity has the ability to automatically detect and block unauthorized network access (e.g. including wired, wireless, and remote access). |  |  |  |
| 5.12 | The entity applies authentication mechanisms to manage user identities and access. |  |  |  |
| 5.13 | The entity controls and manages the use of administrative privileges. |  |  |  |

|  |  |
| --- | --- |
|  | **Third party Management** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 5.14 | The entity considers cyber security risk as part of its due diligence process for material outsourcing arrangements and critical IT service providers, including related subcontracting arrangements. |  |  |  |
| 5.15 | Contracts for all material outsourcing arrangements and critical IT service providers include the provision for safeguarding the entity’s information. |  |  |  |
| 5.16 | The entity has processes in place to ensure the timely notification of a cyber-incident from service providers with whom the entity has one or more material outsourcing arrangements, or critical IT service providers. |  |  |  |
|  | **Customers and Clients** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 5.17 | Cyber security awareness and information is provided to customers and clients. |  |  |  |
| 5.18 | The entity has taken additional actions to protect its customers and client’s confidential personal information |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **6** | **Cyber Security Incident Management (Respond and Recover)** |  |  |  |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 6.1 | The entity is able to respond rapidly to cyber security incidents. |  |  |  |
| 6.2 | The entity has documented procedures for monitoring, analysing, and responding to cyber security incidents. |  |  |  |
| 6.3 | The entity has an internal communication plan to address cyber security incidents that includes communication protocols for staff and other key internal stakeholders. |  |  |  |
| 6.4 | The entity has an external communication plan to address cyber security incidents that includes communication protocols and draft pre-scripted communications for key external stakeholders (i.e. customers, media, critical service providers, etc.). |  |  |  |
| 6.5 | The entity’s incident management process is designed to ensure that the following tasks are fully completed before an incident can be formally closed:- Recovery from disruption of services from the cyber security incident; - Assurance of systems’ integrity following the cyber security incident; and - Recovery of lost or corrupted data due to the cyber security incident. |  |  |  |
| 6.6 | The entity has an established post incident review process that: - is completed for material cyber security incidents;- includes appropriate cyber forensic investigations; - chronicles the events leading up to, during and following the cyber security incident; - identifies the root cause and highlights control deficiencies; - assesses any breakdowns in the incident management process; and - establishes a plan of action to address identified deficiencies. |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **7** | **Cyber Security Governance** |  |  |  |
|  | **Cyber Security Policy & Strategy** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 7.1 | The entity has established an cyber security policy with supporting procedures in place that set forth how the entity will identify and manage its cyber security risks. |  |  |  |
| 7.2 | The roles and responsibilities are clearly described within the cyber security policy. |  |  |  |
|  | **Second Line of Defence (e.g. Risk Management)** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 7.3 | The entity has utilized scenario analysis to consider a material cyber-attack, mitigating actions, and identify potential control gaps. |  |  |  |
|  | **Compliance/Internal Audit** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 7.4 | The frequency of cyber security audits is determined by and is consistent with the risk of a cyber-attack. |  |  |  |
| 7.5 | The entity assesses both the design and effectiveness of the cyber security framework annually. |  |  |  |
|  | **External Benchmarking** |
| **Item** | **Criteria** | **Rating** | **Rating Rationale and Description (Control Design and Effectiveness)** | **Action Plan and Target Date(s) for Full Implementation** |
| 7.6 | The entity has conducted an external benchmarking review of its cyber security framework. |  |  |  |