

resource allocation plan

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| Version | Approved By | Owner | Date Last Updated | Review Frequency | Next Review | Comments |
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# Resource Allocation Plan

## Introduction

This document outlines the resources required for the effective implementation, maintenance, and continual improvement of the Information Security Management System (ISMS) as per ISO 27001 requirements for the period January 2024 to December 2024.

## 

## Human Resources

### Roles and Responsibilities

* **Information Security Manager**:
  + Role: Oversee the ISMS, conduct risk assessments, and manage audits.
  + Allocation: [Full-time]
* **IT Security Team**:
  + Role: Implement security controls, monitor systems, and respond to incidents.
  + Allocation: [11, Full-time]
* **Internal Auditor**:
  + Role: Conduct internal audits and report findings.
  + Allocation: [Full-time]
* **External Consultants**:
  + Role: Provide expertise and advice on ISO 27001 compliance.
  + Allocation: [Every 6 month]

## 

## Technical Resources

### Hardware

* **Servers**:

Details: 2 high-performance physical servers for hosting critical applications, with redundant power supplies and RAID storage for resilience.

Quantity: 2 physical servers, and 4 virtual servers for test and development environments.

* **Backup Devices**:

Details: Network Attached Storage (NAS) systems for local backups, with support for cloud-based backup integration. Encrypted backup tapes for long-term storage.

Quantity: 2 NAS devices (each 12TB storage capacity), 50 encrypted backup tapes.

* **Network Security Devices**:

Details: Firewalls with Deep Packet Inspection (DPI), Intrusion Detection and Prevention Systems (IDPS), and dedicated VPN appliances for remote access.

Quantity: 2 Firewalls, 1 Intrusion Detection System (IDS), 2 VPN appliances.

### Software

* **Security Software**:

Details: antivirus and anti-malware software for endpoint protection, encryption software for sensitive data, and firewall management tools.

licenses required: 150 endpoint licenses, 1 enterprise encryption software license.

* **Monitoring Tools**:

Details: Security Information and Event Management (SIEM) system for real-time analysis of security alerts generated by network hardware and applications. Log management software for centralizing and auditing system logs.

licenses required: 1 SIEM license, 5 log management licenses.

* **Incident Response Tools**:

Details: Incident response platform for tracking security events and automating workflows for mitigation. Forensic analysis tools for investigating security breaches.

licenses required: 1 incident response platform license, 3 forensic analysis tool licenses.

## 

## Training and Awareness

### Training Programs

* **Initial Training**: For new employees, covering ISMS policies and procedures.
* **Ongoing Training**: Regular updates and refresher courses for all staff.
* **Specialised Training**: For IT staff and security teams on advanced topics.

### Awareness Campaigns

* **Monthly Newsletters**: Covering security tips and updates.
* **Quarterly Workshops**: Interactive sessions on current security threats and best practices.

## 

## Financial Resources

### Budget Allocation

* **Initial Setup**:
  + Hardware: £25,000
  + Software: £15,000
  + Consultancy: £10,000
  + Training: £5,000
* **Ongoing Maintenance**:
  + Annual Security Audits: £7,500
  + Subscription Fees for Security Tools: £12,000
  + Staff Training: £3,000

## Comments

# Costs

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Description | Month 1 | Month 2 | Month 3 | Month 4 | Month 5 | Month 6 | Month 7 | Month 8 | Month 9 | Month 10 | Month 11 | Month 12 | Totals |
| People Resources | | | | | | | | | | | | | |
| Project Support | £ 500 | £ 3,000 | £ 3,000 | £ 3,000 | £ 3,000 | £ 3,000 | £ 3,000 | £ 3,000 | £ 3,000 | £ 3,000 | £ - | £ - | £ 27,500 |
| Consultancy | £ - | £ 6,000 | £ 7,000 | £ - | £ - | £ - | £ - | £ 7,000 | £ 7,000 | £ - | £ - | £ - | £ 27,000 |
| Training | £ - | £ 2,500 | £ 2,500 | £ 2,500 | £ 2,500 | £ 2,500 | £ 2,500 | £ 2,500 | £ 2,500 | £ 2,500 | £ - | £ - | £ 22,500 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | £ - |
| Total People | £ 500 | £11,500 | £12,500 | £ 5,500 | £ 5,500 | £ 5,500 | £ 5,500 | £12,500 | £ 12,500 | £ 5,500 | £ - | £ - | £ 77,000 |
| Hardware | | | | | | | | | | | | | |
| Test Environment | £ 500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 17,000 |
| Pre-Prod Environment | £ - | £ - | £ - | £ - | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 12,000 |
| Production Environment | **£ -** | **£ -** | **£ -** | **£ -** | **£ -** | **£ -** | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 9,000 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | £ - |
| Total Hardware | £ 500 | £ 1,500 | £ 1,500 | £ 1,500 | £ 3,000 | £ 3,000 | £ 4,500 | £ 4,500 | £ 4,500 | £ 4,500 | £ 4,500 | £ 4,500 | £ 38,000 |
| Sofware | | | | | | | | | | | | | |
| Application A | £ - | £ - | £ 600 | £ - | £ - | £ 600 | £ - | £ - | £ 600 | £ - | £ - | £ 600 | £ 2,400 |
| Application B | £1,000 | £ - | £ - | £ - | £ - | £ - | £ - | £ - | £ - | £ - | £ - | £ - | £ 1,000 |
| Application C | £ 200 | £ 200 | £ 200 | £ 200 | £ 200 | £ 200 | £ 200 | £ 200 | £ 200 | £ 200 | £ 200 | £ 200 | £ 2,400 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | £ - |
|  |  |  |  |  |  |  |  |  |  |  |  |  | £ - |
| Total Software | £1,200 | £ 200 | £ 800 | £ 200 | £ 200 | £ 800 | £ 200 | £ 200 | £ 800 | £ 200 | £ 200 | £ 800 | £ 5,800 |
| Third Parties | | | | | | | | | | | | | |
| Vulnerability scans |  |  |  |  |  |  |  |  |  | £ 5,000 |  |  | £ 5,000 |
| Security tests |  |  |  |  |  |  |  |  |  |  | £ 7,800 |  | £ 7,800 |
| **Audit costs** |  |  |  |  |  |  |  |  |  |  |  | £ 8,000 | £ 8,000 |
| Third Parties Total | £ - | £ - | £ - | £ - | £ - | £ - | £ - | £ - | £ - | £ 5,000 | £ 7,800 | £ 8,000 | £ 20,800 |
| Others | | | | | | | | | | | | | |
| Travel |  |  |  |  | £ 500 |  |  |  | £ 500 |  |  |  | £ 1,000 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | £ - |
|  |  |  |  |  |  |  |  |  |  |  |  |  | £ - |
| Others Total | £ - | £ - | £ - | £ - | £ 500 | £ - | £ - | £ - | £ 500 | £ - | £ - | £ - | £ 1,000 |
| Total Monthly Spend | £2,200 | £13,200 | £14,800 | £ 7,200 | £ 9,200 | £ 9,300 | £10,200 | £17,200 | £ 18,300 | £ 15,200 | £ 12,500 | £ 13,300 | £142,600 |
| Total Budget Spend | **£2,200** | **£15,400** | **£30,200** | **£37,400** | **£46,600** | **£55,900** | **£66,100** | **£83,300** | **£101,600** | **£116,800** | **£129,300** | **£142,600** |  |