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Cyber and Technical Security Guidance

Summary

This site lists the Ministry of Justice (MoJ) Information Security policies. It contains important guidance on how to keep MoJ information safe and secure.

Policies shown here are listed for technical users and non-technical users (referred to as all users).

Technical users include:

- · Technical architects
- DevOps specialists
- · IT service managers
- Software developers

The MoJ Technical Guidance covers technical decisions in the MoJ more widely.

Note: This guidance is dated: 15 August 2025.

Change log

A 'change log' is available. It details the most recent changes to this information.

The changes are also available as RSS or Atom feeds.

Searching this content

The MoJ security guidance is searchable in two ways:

1. By searching for the word or phrase on your preferred search engine, and specifying this site:

```
site:https://security-guidance.service.justice.gov.uk/
```

For example, to search for information about passwords, you might use the following search expression:

```
password site:https://security-guidance.service.justice.gov.uk/
```

2. By downloading one of the offline versions and using the inbuilt search capability of your offline reader.

Offline content

This offline version of the guidance is available as a PDF file for convenience. However, it is time-limited: it is <u>not</u> valid after 15 September 2025. For the latest, current version of the guidance, refer to the <u>security guidance site</u>.

Security culture

In addition to the obvious security resources such as policies, controls, and software and hardware tools, all organisations need employees, suppliers and other colleagues to behave in a way that helps ensure good security at all times. A simple example is where someone will act in a way that maintains good security, even if they don't know exactly what the formal process is. The extent to which an organisation has good security in indicated by its security culture.

Security culture refers to the set of values, shared by everyone in an organisation, that determines how people are expected to think about and approach security. Getting security culture right helps develop a security conscious workforce, and promotes the desired security behaviours expected from everyone working in or for the organisation.

The MoJ is creating a portfolio of security culture resources to help supplement the formal policy and guidance material. Initial security culture material is available for preview.

Information structure

MoJ policy documents are listed beneath the following headings:

- Information security policies
- · Mobile devices and teleworking
- Human resource security
- Asset management
- Access control
- Physical and environmental security
- · Operations security
- · Communications security
- · Information security incident management
- Compliance
- Risk Assessment

The documents are listed in the next section.

Information security policies

Management direction for information security

These are the policies for all users:

- Information Security Policy
- · Secure by Design
- Avoiding too much security
- IDENTIFY, PROTECT, DETECT, RESPOND, RECOVER
- IT Security All Users Policy
- IT Security Policy (Overview)
- Line Manager approval

Mobile devices and teleworking

Mobile device policy

These policies are for all users:

- Mobile Device and Remote Working Policy
- · Remote Working

Teleworking

This policy is for all users:

Personal Devices

• Risk reviews

Other Guidance

The Government Functional Standard - GovS 007: Security provides the base material for all security guidance in the MoJ.

Glossary

A glossary of some terms used in this guidance is available here.

Acronyms

A more extensive list of acronyms is available here.

Technical Guidance

guidance

The MoJ Technical Guidance should be read together with this security-focused guidance.

Change log for Ministry of Justice (MoJ) Security Guidance

This document summarises what changes were made, and when, to MoJ Security policy and guidance. The most recent changes appear at the beginning of the list.

2023-09-11 17:45 BST Update ITHC details	Updates to information about IT Health Checks.
2023-08-30 17:45 BST Clearance requirements	Added details about minimum user clearance requirements.
2023-08-09 17:35 BST Build tooling updates	Updates to build tooling for security and performance improvements.
2023-07-13 17:00 BST Accessing MoJ IT systems from overseas	Removed topic on accessing MoJ IT systems from overseas.
2023-07-07 16:45 BST Taking equipment overseas	Removed general advice topic on taking equipment overseas.
2023-06-22 17:35 BST Formatting and terminology updates	Minor improvements to formatting, and updates to terminology.
2023-06-05 18:13 BST Updates to incident management policy	Refresh and add extra detail about managing security incidents.
2023-04-29 13:54 BST Add 1Password guidance	Add information about using the 1Password tool.
2023-04-18 17:10 BST Revise content	Updates to personnel and related information.
2023-03-21 17:35 GMT Restructure landing page, and added service owners responsibilities guidance	New material on service owner responsibilities.
and added service owners responsibilities guidance	
2023-02-28 17:35 GMT Corrected policy reference number	Policy number POL.ITAUP.022 in the Acceptable Use Policy was incorrectly listed as number 021.
2023-02-28 17:35 GMT Corrected policy reference	

Added extra information on sharing information

Added information on OR codes; currently considered

internally and externally.

low risk.

2022-03-21 10:35 GMT Add guidance on sharing

2022-03-21 10:22 GMT Add guidance on QR codes.

information.

2022-03-11 15:31 GMT Updates to ransomware	Updates to correct typos and improve style.
information leaflet.	
2022-03-10 17:01 GMT Updates to LastPass guidance.	More information about when and how LastPass may be used.
2022-03-10 13:09 GMT Various minor corrections.	Fixing broken links and updating references to standards.
2022-03-04 09:16 GMT Updated email security guide.	Clarification that phishing or spoofing of MoJ colleagues, by MoJ colleagues, is not permitted other than with formal approval in advance, justified by a good business case.
2022-02-18 18:35 GMT Added phishing guide.	New topic, providing advice on dealing with phishing threats.
2022-02-16 11:19 GMT Updated security.txt file.	Provided new expiry date for security.txt file.
2022-02-15 12:18 GMT Various minor corrections.	Corrected contact details, fixed an incorrect link, and updated secure disposal information.
2022-02-07 15:49 GMT Updated glossary.	Expanded list of glossary definitions, and explanation of out-of-band-checks.
2022-02-01 11:51 GMT Update to passwords guidance.	A reminder not to share passwords or other account details.
2022-01-25 10:37 GMT Publication of ransomware information leaflet.	Useful leaflet explaining what Ransomware is, and tips on protecting your work and your systems.
2022-01-18 17:06 GMT Updated guidance for hosting platforms.	Updated baseline guidance for AWS and Azure platforms.
2022-01-07 14:36 GMT Contact details for AWS	Updated contact details for Baseline AWS accounts.
2022-01-06 09:36 GMT System lockdown and hardening	Guidance added to prevent outbound connections to random internet systems, unless this is a core part of their design. Firewall rules and other network configuration must prevent this.
2022-01-04 16:27 GMT IT Health Check	Updated guidance with a new section on Cloud platforms.
2022-01-04 16:10 GMT Update Slack channel for privacy team	Provide revised channel details for contact privacy team through Slack IM.
2021-12-23 13:50 GMT Update overseas travel guidance	Updates to information on overseas travel and accessing MoJ IT systems from overseas.
2021-12-21 13:18 GMT Provide seasonal SMS scam advice	Material to help improve awareness and best practices for security.
2021-12-15 15:09 GMT Use DuckDuckGo search engine	Default to using DDG for content search.
2021-12-13 11:44 GMT Security threat level guidance	New security threat Level guidance, and associated procedures.
2021-12-13 11:27 GMT Debrief on return from travel	Added description of a security debrief that is mandatory after some travel or where other security conditions apply.
2021-12-13 11:24 GMT Accessing MoJ systems from overseas	Added link to supplementary information on the MoJ Intranet.

2021-12-08 09:15 GMT Email access	Added clarification regarding when access is permitted to a user's business email account.
2021-12-07 15:18 GMT Email Authentication	Added guidance requiring the use of MTA-SLS and TLS-RPT in MoJ email systems.
2021-11-30 13:54 GMT Personal Devices	Clarified guidance on connecting personal devices using Bluetooth, and added new section on connected vehicles.
2021-11-22 16:23 GMT MFA	Clarified guidance on sending one-time MFA codes only to individual devices or accounts, not to shared devices or accounts.
2021-11-22 14:14 GMT Government Classification Scheme	Updated and consolidated guidance on classification of Government information.
2021-11-19 15:22 GMT Other guidance and security.txt	Improved structure for other guidance information, and added security.txt file.
2021-11-19 10:09 GMT Sending information securely	Guidance on working securely with paper documents and files.
2021-11-17 17:07 GMT Personal devices	Updated guidance about using a personal device to connect to a business Teams meeting as a Guest.
2021-11-09 15:37 GMT Acceptable use policy	Provide more detail on monitoring of systems and information, and to clarify the situation regarding Data Protection and the storage or processing of information outside the UK.
2021-11-08 17:30 GMT System backup policy	Corrected broken links within the content, also some structural changes for easier cross-referencing with related topics.
2021-11-04 09:05 GMT Working securely with paper documents and files	This guidance helps you understand the risks involved in working with, sharing, and moving paper documents both inside and outside the office.
2021-11-03 17:12 GMT Email blocking	The policy and processes for blocking emails, and deleting emails through administrative processes, across email services across the MoJ.
2021-11-03 17:00 GMT Domain names	An overview of domain name registration and monitoring principles and responsibilities within the MoJ.
2021-10-29 11:52 BST Logging retention	Information about keeping logging information.
2021-10-19 13:06 BST Remote working	Simplified the guidance regarding remote working.
2021-10-15 16:27 BST Email best practices	Added guidance regarding attachments and the use of 'cc' and 'bcc' fields in emails.
2021-10-14 13:47 BST Azure subscription baselines	Added guidance on baselines and templates for Azure subscriptions.
2021-10-13 15:50 BST IT Health Checks	Added guidance on requesting and managing IT Health Checks.
2021-10-08 09:56 BST Wifi policy	Added policy information about wifi.
2021-10-05 14:28 BST Client certificates	Added notes about obtaining client certificates.
2021-10-01 15:24 BST Connection to public wifi	Clarification about connecting to public wifi spots, such as hotels or coffee shops, or home broadband. Also extra details for remote working securely.

2021-10-01 15:07 BST Personal device attachment	Clarifying the connection of personal peripherals, and the charging of personal devices from USB ports.
2021-09-13 17:21 BST Government Security Standard 007 V2	Updates following the release of V2 of the Gov007 security standard.
2021-09-02 15:16:00 BST Extra guidance on remote working.	Additional best practices for keeping safe and secure when working away from the office.
2021-08-20 14:14:00 BST Update to general apps guidance.	Add Trello guidance, and clarification over Official and Official Sensitive material in apps.
2021-08-18 15:17:00 BST Add change log page.	Created a change log page, and associated RSS and Atom feeds, to describe new or changed content.
2021-08-16 17:04:00 BST Clarification for accessing MoJ IT systems overseas.	Additional information describing the process.
2021-08-16 17:03:00 BST Data Movement Form	Data Movement Form updated.

Getting in contact

updated.

Reporting an incident

Ministry of Justice (MoJ) colleagues should visit https://intranet.justice.gov.uk/guidance/security/report-a-security-incident/ on the MoJ Intranet.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Security Team: asking for help

Overview

This document tells you about the Security Team. It explains how to ask for help, outlines how we handle your requests, and describes what happens next.

To ask for help from a security consultant, send an email to: security@justice.gov.uk.

About the team

The Security Team is part of Ministry of Justice (MoJ) Security & Privacy. The MoJ Chief Information Security Officer leads the team.

The team provides help and guidance around cyber security matters, such as:

- Understanding the risks facing your systems and services.
- Designing and implementing effective mitigations for these risks.
- Developing services using security best practices.
- · Checking that you or your third party suppliers have enough, and appropriate, cyber security measures in place.
- Applying IT Security policy to specific scenarios.

Asking for help

If you need help dealing with a cyber security task or problem, send an email to: security@justice.gov.uk

Some requests are better handled by other teams. For urgent matters such as incidents, or to get help about physical or personnel security, contact security@justice.gov.uk. For help with data protection, contact DataProtection@justice.gov.uk.

The security team keep an eye open for email requests. Normally, you'll get an acknowledgement or more detailed reply within two working days.

To help us help you, please answer these questions in your email request, as best you can:

- **1.** Who is the work for?
- **2.** Why is it important?
- **3.** What happens if the work is not done (or not done on time)?
- **4.** What is your need (old-style accreditation on an existing contract, guidance or advice, review of proposed approach,...)?
- **5.** What skills or experience does the work need (known or predicted)?
- **6.** When is the next project milestone that needs cyber consultancy input or involvement?

How the team handle requests for help

Each working day, we review all new requests.

We aim to get a reply to you within two working days of us receiving the request. Some large or complex requests might need more information and discussion. These requests take extra time for us to work out the best way to support you.

Some requests might not be appropriate for the team. In such cases, we send a prompt reply, explaining why it would be better to talk with a different team. We'll usually recommend a more appropriate team, and provide contact details for them.

What happens next

If your request is not appropriate for the team, we'll tell you immediately after the initial assessment.

If your request is appropriate for the team, the assigned consultant contacts you directly. They will engage with you to start providing the help you need.

If things go wrong...

If you disagree with our decision about your request, or there is some other problem, contact us again: security@justice.gov.uk.

If you'd prefer a different escalation route, contact ciso@digital.justice.gov.uk.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Security culture

Security culture

This section includes material created or provided by the Ministry of Justice (MoJ) to help improve awareness and best practices for security within the organisation.

Note: The advice in this material cannot guarantee to protect you from problems. The range of security threats is huge, and increasing all the time.

Who is this for?

This material is for anyone who implements, administers, supports, uses or delivers MoJ services.

Christmas SMS delivery scams

Seasonal celebrations are fun, but can also suffer from scams. A common scam involves sending fake parcel delivery text messages. The messages contain fake links. The links capture personal information and bank account details. Bad actors then use these details to steal money from individuals.

Some SMS messages get people to install malware. An example is Flubot, which steals personal and banking details. Flubot also uses your contact lists to send more fake texts.

The best way to avoid SMS scams is to contact parcel delivery companies directly. Go to their website and tracking your parcel there. Never click on a link in a text message.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Information security policies

Management direction for information security

Information Security Policy

Security is central to everything we do at the Ministry of Justice (MoJ) - without it we cannot effectively deliver our priorities and ensure protection for staff and the public.

This policy sets out the formal senior management commitment to information security across the MoJ. This ensures that information is processed in a manner that preserves the confidentiality and integrity of information and meets the security requirements and obligations set out under legislation, regulations, and agreements we have entered.

This policy and the associated Information Security Framework support the protection of the MoJ's IT systems against accidental or malicious breaches, identifying a risk-based approach to information security, and ensuring we have the right people, processes, and technology controls to counter threats faced by the department.

Scope

This policy provides the context for the information security policies and standards that are used across the MoJ and the government standards under which it operates. It applies to all staff, contractors, executive agencies, and third parties who provide services to, for, or on behalf of the department.

Responsibilities

As a government department, the Cabinet Office hold the MoJ accountable for meeting the requirements of the Government Functional Standard for Security: GovS007 and the underpinning technical standard for cyber security. In line with the Government Functional Security Standard (GovS007), the MoJ has a board member with the security remit (Director General Chief Operating Officer Group) and an MoJ senior officer accountable for security (Chief Security Officer).

All MoJ Public bodies with their own accounting officers (accountable to the MoJ's principal accounting officer) must also appoint their own board members with responsibility for information security.

Information Security Framework

The department's information security is managed via:

- 1. This strategic policy
- 2. Information security policies
- 3. Standards, procedures, and governing arrangements
- **4.** Guidance to help apply the policies, standards, procedures, and governing arrangements
- 5. System and process-specific security policies and guidance

MoJ-wide security policies are all outcome-focussed and avoid being specific, to allow a range of methods to be used to achieve them, tailored to local circumstances. This permits agencies and teams within the department flexibility and autonomy in interpreting them given their particular operations.

The policies and standards set out the minimum baseline that areas need to achieve. In many circumstances, additional controls may be required to meet specific regulations or contractual obligations, or to counter specific threats.

Policy Statements

The identified responsible officials **SHALL** comply with the following high level policy statements, as well as the lower-level policies in the Information Security Framework:

- 1. Staff **SHALL** properly identify, classify, and protect data in accordance with the MoJ's security policies and standards and with security controls proportionate to the risk to that data.
- **2.** Staff, third parties and contractors **SHALL** identify, manage, and learn from information security incidents in accordance with the relevant policies.
- **3.** Staff, third parties and contractors **SHALL** take all reasonable steps to safeguard the MoJ's information against unauthorised or accidental disclosure.
- **4.** Senior Responsible Officers **SHALL** ensure that Information security be embedded into all projects and formal approval from an appropriate security representative **SHALL** be mandatory.
- **5.** Senior Responsible Officers **SHALL** ensure that all information is assigned an Information Asset Owner, whose responsibilities are defined in Guidance on the Information Asset Owner role.
- **6.** Senior Responsible Officers **SHALL** ensure effective and proportionate security controls are in place to manage any identified risks.
- 7. Senior Business Owners **SHALL** ensure the compliance of suppliers and partners with relevant MoJ security policies and understand the risk of any deviations.
- **8.** Technology Service Owners **SHALL** protect technology services through security controls as detailed in MoJ policies and standards.
- **9.** Technology Service Owners **SHALL** ensure that disaster recovery, and business continuity plans are implemented and tested in accordance with relevant MoJ standards.

Compliance

The Security and Information Directorate (SID) will regularly review this policy and associated framework documents to ensure they remain suitable. SID will undertake routine compliance activities - such as reviews of security controls - against this policy and the Information Security Framework.

Where requirements in this policy and the Information Security Framework have not been met and no formal risk has been escalated in-line with the relevant policies, individuals may be subject to disciplinary processes as per MoJ HR Policies. For external parties and contractors this may constitute a breach of contract. If any person is identified to have committed a criminal offence it may lead to prosecution.

Exceptions

Anyone requesting a policy exemption should contact the relevant Senior Information Risk Owner (SIRO), with support and guidance from the MoJ Information Security Team. In the first instance, please contact the MoJ Security Team security@justice.gov.uk to discuss mitigation options.

Related Information

- GoVS007
- · HMG Cyber Security Standard
- Government Cyber Security Policy Handbook

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Avoiding too much security

This guidance applies to developers and system administrators who work for the Ministry of Justice (MoJ).

Is it possible to have too much security? Yes. Providing too much security for things or information that do not need protection is a waste of resources. It undermines the value of the security for things that do need it.

Security by obscurity is one of the weakest approaches for protecting something. It's far better to have a technical control in place to protect the system.

Not all domain names or IP addresses in Government systems are sensitive items

An example is a domain name or IP address. These values do not need to be secret for all systems. Only those that need it. It might be tempting to say that 'all IP addresses are **Official-Sensitive**. This is then used as a reason for an (in)action, such as "I can't email you that network diagram because it contains IP addresses." But the statement has wider consequences. It imposes a set of security requirements for everyone. It imposes them irrespective of the actual secrecy required.

Official-Sensitive is not a different classification to **Official**. It doesn't need special technical controls or procedures. Rather, it's a reminder to look after a piece of information. It's not a controls checklist. Using labels too casually conflicts with the idea of thinking about information and what we're doing with it, and using that to decide how best to secure the information.

Of course, you might need to keep the access details for some systems secure. An example might be where you cannot maintain or patch a legacy system. But these should be exceptional or 'edge' cases.

There are only a small number of situations where you need to protect IP addresses or domain names. It's usually where the context makes the information sensitive in some way. IP addresses can be personally-identifiable information. For example, a system log file might hold the IP address of a client accessing the system. This might reveal a link between an individual and their use of MoJ services. But the IP address of a public sector server or a router should not be personal data.

Remember also that within the MoJ, system almost always have RFC1918 addresses. These are normally not routable from the Internet. If you can access the system from the Internet, then you have other problems to resolve. Address them by appropriate security measures rather than hoping that secrecy is enough.

In other words, avoid saying that 'all IP addresses and domain names must be secure'. Instead, think about and justify the handling protections around each piece of information. Ask what data or capability is actually in need of protection, and from what risks.

It's not only about domain names or IP addresses

The need to keep some aspect of a system secret might be evidence that the technical security measures around the system are not complete, adequate, or appropriate to the risks. A well-designed system won't depend on secrecy alone for security.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

IT Security Policy (Overview)

This policy gives an overview of information security principles and responsibilities within the Ministry of Justice (MoJ) and provides a summary of the MoJ's related security policies and guides.

Audience

This policy is aimed at three audiences:

Technical usersThese are in-house MoJ Digital and Technology

staff who are responsible for implementing controls throughout technical design, development, system integration, and operation. This includes DevOps, Software Developers, Technical Architects, and Service Owners. It also includes Incident Managers from the Event, Problem, Incident, CSI and Knowledge (EPICK)

Team.

Service Providers Defined as any other MoJ business group, agency,

contractor, IT supplier and partner who in any way designs, develops or supplies services (including processing, transmitting and storing data) for, or on

behalf of, the MoJ.

General users All other staff working for the MoJ.

Within this policy, "all MoJ users" refers to General users, Technical users, and Service Providers as defined previously.

Associated documentation

For further guidance on IT Security, refer to the following policy.

• IT Security All Users Policy: which provides further details of the responsibilities of all MoJ users at the MoJ.

Principles

All MoJ users shall:

- Comply with the MoJ's Acceptable Use Policy wherever they work.
- Report all security incidents promptly and in line with MoJ's IT Security Incident Management Policy.
- Make themselves aware of their roles, responsibilities and accountability and fully comply with the relevant legislation as described in this and other MoJ guidance.
- Be aware of the need for Information Security as an integral part of the day to day business.
- Protect information assets under the control of the organisation.

Further information can be found in the IT Security All Users Policy.

Enforcement

- This policy is enforced by lower level policies, standards, procedures and guidance.
- Non-conformance with this policy could result in disciplinary action taken in accordance with the MoJ's
 Disciplinary procedures. This could result in penalties up to and including dismissal. If an employee commits
 a criminal offence, they might also be prosecuted. In such cases, the MoJ always co-operates with the relevant
 authorities, and provides appropriate evidence.

Incidents

Note: If you work for an agency or ALB, refer to your local incident reporting guidance.

Security Team

Email: security@justice.gov.uk

- Classified correctly as detailed in the Information Classification, Handling and Security Guide
- Distributed only in accordance with the statements of this policy and related guides.
- Protected by the appropriate security controls to ensure its confidentiality, integrity and availability.

Physical and personnel security

The Physical Security Policy defines how physical access to assets must be controlled within the MoJ to prevent unauthorised access, use, modification, loss, or damage. All MoJ users must understand that:

- All MoJ IT systems and services must be assessed against environmental risks, for example flood or fire, to maintain the asset's confidentiality, integrity, and availability.
- The MoJ's IT Teams are not directly responsible for the physical security and environment of the MoJ sites.
- Physical security controls and the environment in which the MoJ IT systems operate form part of a system's
 overall risk landscape. All MoJ users shall ensure they adhere to the security controls and requirements set out in
 this policy.
- Unless otherwise formally agreed by the MoJ, all MoJ users, including agency staff and contractors who have access to MoJ data, require Baseline Personnel Security Standard (BPSS) assessment, as a minimum.
- National Security Vetting should only be applied for where it is necessary, proportionate, and adds real value.
- The MoJ does not have a standing requirement for system administrators or application developers to maintain Security Check (SC) clearance.

Further information on physical and personnel security is available from Security team and CPNI Guidance.

Identity and access control

The MoJ Access Control Guide ensures that information and IT assets can be accessed only by authorised personnel, and that each individual is accountable for their actions.

Email security

The MoJ Email guidance tells you about safe and secure use of email within the MoJ.

Remote working and portable devices

The MoJ has in place Remote Working guidance that sets out the requirements for safely accessing and using the MoJ's systems and applications when working remotely, for example from home, another government office, or while travelling.

Mobile computing is the use of portable equipment such as mobile phone, laptop or tablet, and which supports remote working. Mobile computing equipment provided by the MoJ must be used in line with the Acceptable Use Policy.

Any request to take MoJ IT equipment overseas must follow the guidance provided in the Acceptable Use Policy and the information on accessing IT systems from overseas.

Roles and responsibilities

All MoJ users are responsible for ensuring the confidentiality, integrity, and availability of data within the MoJ. This includes all MoJ data and assets. These responsibilities extend to all assets referenced in this policy.

All MoJ users **shall** comply with the roles and responsibilities outlined in the Information Assurance Framework Process.

Specific roles and responsibilities are described within each sub-page. All MoJ users **shall** comply with these roles and responsibilities, and understand these as being a part of their ultimate responsibility for information security within the MoJ.

For the purpose of this Information Security Policy, the following roles are described. They have specific responsibilities in the implementation and monitoring of different provisions of the policy.

Role	Responsibility	Which includes	
Senior Information Risk Owners (SIROs)	The MoJ SIRO is responsible for the overall MoJ information risk policy and guidance, and ensures that the policy and guidance material continues to provide appropriate risk appetite and a suitable risk framework.	Implementing and managing information risk management in their respective business groups.	
		Regularly reviewing the application of policy and guidance to ensure it remains appropriate to their business objectives and risk environment.	
		Authorising any exceptions and deviations from the IT Security Policy with consideration of the impact any changes might have to other users.	
Delegated Agency SIROs	The delegated agency SIRO is responsible for the information risk policy and guidance as it applies to their systems and personnel, and ensures the agency adheres to the MoJ's risk appetite and risk framework.	In line with the MoJ SIRO, but for Agency systems and personnel.	
Information Asset Owners (IAO)	IAOs must be satisfied that all required technical, personnel, physical and procedural security controls are in place and followed. IAOs are responsible for ensuring the management and security of their information asset over the whole asset lifecycle.	Logging and monitoring.	
		Reviewing access permissions.	
		Understanding and addressing risks associated to their information assets.	
		Ensuring secure disposal of information when it is no longer required.	
System Owners	System Owners are responsible for managing access control rules for their particular system.	Verifying access rights in order to assist a scheduled review audit of User accounts and permissions.	
Contract Owners	Contract Owners are responsible for ensuring contractors adhere to the IT Security Policy set out here and in associated documentation.	Verify that contracts are written to reflect the MoJ's IT Security Policy.	
		Ensure contractors comply with the requirements set out by this policy and associated documentation.	

Role	Responsibility	Which includes	
		Being responsible for escalating the risk of non-compliance by a supplier, and seeking guidance on suspected non-compliance with security requirements in a contract.	
		Ensure that the contractor is responsible for any sub-contractors that they employ directly or indirectly, and that the contractor, not the MoJ, is responsible for ensuring that those sub-contractors comply with this policy and associated documentation.	

Incidents

Note: If you work for an agency or ALB, refer to your local incident reporting guidance.

Security Team

Email: security@justice.gov.uk

Slack: #security

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Line Manager approval

This guidance applies to all staff and contractors who work for the Ministry of Justice (MoJ).

Some MoJ IT Policy documents need you to get a review or approval from a Line Manager or other senior person. Do this before taking an action or working in a particular way.

An example is:

· Personal Devices.

This guidance describes what you should do. The guidance contains steps to follow for Line Managers, and their Direct Reports.

Steps to follow (Line Managers)

Note: If at any time you need help about this process, or the applicable MoJ IT Policies, just ask: security@justice.gov.uk.

- 1. Check that your direct report (DR) has said what they want in their request. The request should identify which MoJ IT Policies apply.
- 2. Check that the request is valid from a business perspective. If not, deny the request (step 7).
- 3. Check that Acceptable Use is in the list of applicable policies.
- 4. Review the requirements or obligations within the MoJ IT Policies that apply to the request.
- **5.** Check that the DR understands and will follow the requirements or obligations. For example, have a discussion with them, or ask them for more information or evidence.
- 6. If they are able to follow the applicable MoJ IT Policies, send a formal approval to the DR. An email is enough for this
- 7. If you don't think they can follow the Policies, or there's a weak business case for the request, refuse it.
- **8.** Keep a copy of your formal reply, in accord with Data Retention requirements.

9. Some MoJ IT Policies need a copy of formal approval for other parties. For example, before your DR travels to some countries on MoJ business, send a copy of your approval to Security team.

Steps to follow (Direct Reports)

Note: If at any time you need help about this process, or the applicable MoJ IT Policies, just ask: security@justice.gov.uk.

- 1. Check that your business need is valid.
- 2. Check which MoJ IT Policies apply to your request. Include Acceptable Use in the list of applicable policies.
- 3. Check that you understand the requirements or obligations within those MoJ IT Policies.
- **4.** Prepare evidence to show that you will follow all the requirements or obligations. Check that you have all the required information.
- 5. Send a formal approval request to the authorities required by the MoJ IT Policies. Ensure that you include:
 - · Your request.
 - The business case.
 - The list of applicable MoJ IT Policies.
 - Evidence that you understand and can follow the requirements or obligations.
- **6.** Be ready to have a more detailed discussion about your request, or to supply more information.
- 7. If you get formal approval, keep a copy, in accord with Data Retention requirements.
- **8.** If your request is denied, check that you understand the reasons. Use this understanding to tackle your business task again, if appropriate.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Mobile devices and teleworking

Mobile device policy

Mobile Device and Remote Working Policy

Introduction

This policy gives an overview of mobile devices and remote working security principles and responsibilities within the Ministry of Justice (MoJ). It provides a summary of the MoJ's related policies and guides in relation to mobile devices and remote working.

To help identify formal policy statements, each is prefixed with an identifier of the form: **POL.MOB.xxx**, where **xxx** is a unique ID number.

Audience

This policy is aimed at:

Technical users

These are in-house MoJ Digital and Technology staff who are responsible for implementing controls throughout technical design, development, system integration, and operation. This includes DevOps, Software Developers, Technical Architects, and Service Owners. It also includes Incident Managers from the

Event, Problem, Incident, CSI, and Knowledge (EPICK) Team.

Service Providers Any

Any other MoJ business group, agency, contractor, IT supplier, and partner who in any way designs, develops or supplies services, including processing, transmitting, and storing data for, or on behalf of, the

MoJ.

General users All other staff working for the MoJ

"All MoJ users" refers to General users, Technical users, and Service Providers, as defined previously.

Mobile devices

POL.MOB.001: When using mobile devices, special care **shall** be taken to ensure that business information is not compromised. When issuing or using MoJ mobile devices, the following points **shall** be adhered to:

- POL.MOB.002: Mobile devices shall be registered as an MoJ asset.
- **POL.MOB.003:** Software installation **shall not** be available for general users, except when using an approved MoJ process or tool, such as an MoJ self-service app store.
- **POL.MOB.004:** There **shall** be an ability for remote disabling, erasure or lockout.
- POL.MOB.005: only MoJ approved web services and web apps may be used.

Use in public places

POL.MOB.006: Care **shall** be taken when using mobile devices in public places, meeting rooms, and other unprotected areas. Protection **shall** be in place to avoid the unauthorised access to, or disclosure of, the information stored and processed by these devices.

The MoJ Access Control Guide explains how the MoJ manages access to its IT systems so that users have access **only** to the material they need, in a secure manner.

Theft or loss

POL.MOB.007: Mobile devices **shall** be physically protected against theft, especially when left unattended. Examples include leaving devices unattended in cars and other forms of transport, hotel rooms, conference centres, and meeting places.

Note: Sometimes, it might feel difficult to determine a sensible level of protection. For example, leaving a laptop unattended but in plain sight on the seat of car in a public car park is not very secure. But if the car is parked in an MoJ car park, then the vehicle - and therefore its contents - are probably more secure. The answer is that you should always apply the best possible protection for the assets you are responsible for, at all times. Don't rely on other security mechanisms to provide protection that you neglected to apply.

POL.MOB.008: The MoJ **shall** have, and follow, a clear procedure covering legal, insurance, and security requirements for cases of loss or theft of mobile devices.

Use of private equipment

POL.MOB.009: You **should not** use personal devices for MoJ work purposes.

Exceptions are possible on a case-by-case basis, for example to accommodate Accessibility requirements. To discuss whether you have a case for exemption, contact the Security team in the first instance, *before* using a personal device for work purposes. If an exception is permitted, use of the personal device **shall** be in compliance with MoJ personal device guidance.

Remote working

Remote working refers to all forms of business activity that takes place outside of the office. Remote working is sometimes described as "Working From Anywhere". Remote working locations include non-traditional work environments or contexts, such as:

· Coffee shops.

- · Commuter hubs.
- · Co-working spaces.
- · Flexible workplace.
- · Home offices or workspaces.
- · Telecommuting.
- Virtual Work Environments.

POL.MOB.010: The MoJ allows remote working, but the following points **shall** be considered, confirmed, and documented as acceptable during the approval process:

- The existing physical security of the remote working site, taking into account the physical security of the building and the local environment.
- The communications security requirements, taking into account the need for remote access to the MoJ's internal
 systems, the sensitivity of the information that will be accessed and passed over the communication link, and the
 sensitivity of the internal systems being accessed.
- Any threat of unauthorised access to information or resources from other persons using the remote working location, for example family or friends.
- The implementation of home networks, and requirements or restrictions on the configuration of wireless network services (wifi).
- Malware protection and firewall requirements.

POL.MOB.011: The guidelines and arrangements for remote working should be considered, including:

- The provision of suitable equipment and storage furniture for the remote working activities.
- A definition of the work permitted, the hours of work, the classification of information that may be held, and the internal systems and services that the remote worker is authorised to access.
- The provision of hardware and software support and maintenance.
- The provision of insurance.
- The procedures for information and asset backup, and for ensuring business continuity.
- · Audit and security monitoring.
- Limitation or revocation of authority and access rights, and the return of equipment when the remote working
 activities are terminated.

Current supporting documentation:

- Remote Working
- Security Guidance for Using a Personal Device

Enforcement

This policy is enforced by lower level policies, standards, procedures, and guidance.

Non-conformance with this policy could result in disciplinary action taken in accordance with the MoJ's Disciplinary procedures. This could result in penalties up to and including dismissal. If an employee commits a criminal offence, they might also be prosecuted. In such cases, the department always cooperates with the relevant authorities, and provides appropriate evidence.

Incidents

Note: If you work for an agency or ALB, refer to your local incident reporting guidance.

Security Team

• Email: security@justice.gov.uk

• Slack: #security

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Remote Working Key points

- Do: Be professional, and help keep Ministry of Justice (MoJ) information and resources safe and secure at all
 times.
- **Do:** Think about where you are working, for example can other people or family access what you are working on? Be thoughtful about information privacy.
- **Do:** Keep MoJ accounts and password information secure.
- Do: Take care of your equipment. Devices are more likely to be stolen or lost when working away from the office
 or home.
- **Do:** Get in touch quickly to report problems or security questions.
- **Do:** Use the VPN if you are handling sensitive MoJ information, or connecting to MoJ systems from a remote location
- **Do not:** Send work material to personal email accounts.
- **Do not:** Use personal devices or accounts for work purposes the exception is that a home wifi connection may be used to connect MoJ equipment.
- **Do not:** Leave MoJ equipment unattended.

Overview

The Remote Working Guide gives you advice and guidance on the main security issues that are likely to affect you as a remote worker or a user of mobile computing facilities, (e.g. desktop/laptop computer, smart phones, etc), within the MoJ, including its Agencies and Associated Offices.

It also sets out your individual responsibilities for IT security when working remotely.

Audience

This guide applies to all staff in the MoJ, its Agencies, Associated Offices and Arm's Length Bodies (ALBs), including contractors, agency and casual staff and service providers, who use computing equipment provided by the Department for remote working or mobile computing, or process any departmental information while working remotely or while using MoJ mobile computing equipment.

What is remote working?

Remote working means you are working away from the office. This could be from home, at another MoJ or government office, whilst travelling, at a conference, or in a hotel.

Protecting your workspace and equipment

Remote working is when you work from any non-MoJ location, for example, working at home. It's important to think about confidentiality, integrity and availability aspects as you work. This means protecting equipment, and the area where you work.

- **Do:** Keep MoJ equipment and information safe and secure.
- **Do:** Protect MoJ information from accidental access by unauthorised people.
- **Do:** Lock or log off your device when leaving it unattended. For long periods of non-use, shut down your device.
- **Do:** Ensure that your devices are powered off when you first enter a country when travelling outside the UK.
- **Do:** Keep your workspace clear and tidy. Follow a 'clear desk policy' for information, including paperwork, to ensure MoJ information isn't seen by unauthorised people.
- Do: Use MoJ IT equipment for business purposes in preference to your own equipment such as laptops or printers.
- **Do:** Be wary of anyone overlooking or eavesdropping what you are doing. Consider whether you, or the MoJ information, might be Overseen, Overheard, or Overshared.
- **Do:** Protect chargers and other computer accessories, especially MoJ equipment, when travelling. This is to prevent them from being tampered with. Keep them secure and out of sight as much as possible, for example in your hand luggage or on your person.
- **Do:** Ensure that a laptop BitLocker PIN or similar access control is enabled.
- **Do:** Use an MoJ-issued VPN when connecting to Hotel or other public wifi spots.
- **Do not:** Let family or other unauthorised people use MoJ equipment.

- **Do not:** Leave equipment unattended.
- **Do not:** Work on sensitive information in public spaces, or where your equipment can be seen by others.
- **Do not:** Advertise the fact that you work with MoJ materials. However, pre-installed materials such as backgrounds provided as standard with MoJ equipment are acceptable.
- **Do not:** Take part in conference or video calls when you are in public or shared spaces such as cafes or waiting rooms.
- Do not: Send your work material to your personal devices or your personal email address.
- **Do not:** Redirect print jobs from MoJ printers to a personal printer.
- **Do not:** Use public 'charging stations' provided at airports, conference venues, hotels, or similar public locations. They might be used to upload malicious software onto your device.
- **Do not:** Connect MoJ equipment to vehicles, using either USB or Bluetooth. These connections can download information from the device or upload malicious software.

Working securely

It's important to consider the security of how you work remotely.

- Work locations as with home working discussed previously, you need to be equally, if not more, vigilant when working in public spaces.
- Confidentiality be aware of others eavesdropping or shoulder surfing, both what you are working on and what you are saying, for example during conference and video calls.
- Keep MoJ equipment and information, including printouts and documents, safe and secure.

Even when working remotely, you must still follow the security policies and operating procedures for MoJ systems you access and work with.

Using public wifi or internet, and home broadband

Some locations, such as hotels, coffee shops, or public transport, offer 'public' wifi or internet access.

The public services are usually offered for free. They only need you to agree to some terms of service.

While apparently convenient, these services can have some serious problems:

- They have no security appropriate for protecting MoJ information.
- There is no guarantee about keeping information transmitted through them private or confidential.
- Public services are usually shared. This means that performance can often be very slow and unreliable.

If you need network access, but cannot connect to an MoJ network or home broadband service:

• **Do:** Use an MoJ hotspot. This is usually provided on your MoJ-issued mobile device.

If you need to use a public wifi or internet service, or home broadband, with your MoJ equipment, because you do not have an MoJ hotspot, then:

• **Do:** Connect using an MoJ-issued VPN. Before doing any work, check that the MoJ-issued VPN is working correctly.

Using your own equipment

The main guidance is available here.

- **Do:** Use official MoJ equipment for business purposes.
- **Do not:** Send your work material to your personal devices or your email accounts.

If you are working remotely, or do not have access to MoJ equipment, it might be tempting to use your own equipment, especially printers. Avoid doing this.

Printing

The advice is to avoid printing anything when working remotely, and in particular not to use personal printers.

However, if you really must print MoJ information:

• **Do:** Connect directly to the printer using USB, not wifi.

- Do: Consult the information asset owner or line manager before printing the information.
- **Do:** Store any and all printed materials safely and securely until you return to MoJ premises, when they must be disposed of or filed appropriately.
- **Do not:** Print out personal information relating to others.
- **Do not:** Redirect print jobs from an MoJ printer to a personal printer.
- **Do not:** Dispose of unshredded MoJ information in your home rubbish or recycling. Use a cross-cut shredder to destroy printed materials securely, before disposal at non-MoJ locations.

Basically, think before you print.

Privacy

It is important to protect privacy: yours and that of the MoJ. Events like the Covid-19 (Coronavirus) pandemic are often exploited by people wanting to get access to sensitive or valuable information. This often results in an increase in attempts to get access to personal information or MoJ accounts, using phishing and email scams. Be extra vigilant whenever you get an unexpected communication.

Be aware of your working environment when you work with MoJ information. If anyone might access the data, or hear you talk about it as you use it, that could cause privacy problems. Be aware of SMART devices around your remote location, and ensure they are switched off if conducting video or voice communications.

Guidance and suggestions for improving Privacy appear throughout this guide, but it's worthwhile highlighting these points:

- **Do:** Lock your computer, even when unattended for short periods.
- **Do:** Think about whether an unauthorised person, such as a family member, might access the information you are working with.
- **Do not:** Write down passwords. Use a password manager.

Contacts for getting help

In practice, all sorts of things can go wrong from time-to-time. Don't be afraid to report incidents and issues; you will be creating a better and safer work environment.

General enquiries, including theft and loss

Technology Service Desk - including DOM1/Mojo, and Digital & Technology Digital Service Desk. Use one of the following two methods for contacting service desk:

- Tel: 0800 917 5148
- MoJ Service Portal and Live Chat

Note: The previous itservicedesk@justice.gov.uk and servicedesk@digital.justice.gov.uk email addresses, and the Digital & Technology Digital Service Desk Slack channel (#digitalservicedesk), are no longer being monitored.

HMPPS Information & security:

- Email: informationmgmtsecurity@justice.gov.uk
- Tel: 0203 334 0324

Incidents

Note: If you work for an agency or ALB, refer to your local incident reporting guidance.

Security Team

- Email: security@justice.gov.uk
- Slack: #security

Privacy Advice

Data Protection Team

• Email: DataProtection@justice.gov.uk>

- Slack: #security_privacy_and_live_service_team
- Intranet: https://intranet.justice.gov.uk/guidance/knowledge-information/protecting-information/

Cyber Security Advice

Cyber Consultants and Risk Advisors

- Email: security@justice.gov.uk
- Slack: #security

Historic paper files urgently required by ministers, courts, or Public Inquiries

MoJ HQ staff

• Email: Records_Retention_@justice.gov.uk

HMCTS and HMPPS staff

• Email: BranstonRegistryRequests2@justice.gov.uk

JustStore

• Email: KIM@justice.gov.uk

Related information

- NCSC Home working: preparing your organisation and staff
- NPSA Home and Mobile Working Advice

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Teleworking

Personal devices

This guidance applies to all staff and contractors who work for the Ministry of Justice (MoJ). It provides advice about using personal devices for work purposes.

Related information

Bluetooth on page 90

Overview

A personal device is any desktop, laptop, tablet, phone, external drive, or similar device that the MoJ does not own.

Note: 'Personal devices' include all personally-owned devices with processing ability or Internet connectivity. This includes all types of assistance, organisational or Internet of Things (IoT) devices. Connected vehicles are a special case discussed in this guidance. In case of any doubt, ask for help about specific examples.

Not everyone has access to an MoJ device for remote use. If you need equipment, you can request it. It can be provided quickly. Contact your Line Manager for details. A request can then be raised through the IT Service Desk.

In unusual circumstances, it might not be possible to organise provision of equipment. In such cases, you **can** request access to an MoJ virtual environment.

Except when connecting to an MoJ virtual environment, or with documented approval in exceptional circumstances as described in this guidance, you **shall not** use a personal device for work purposes.

Avoid connecting peripherals to MoJ devices, unless those peripherals are supplied or approved by the MoJ. Examples of peripheral devices include USB, wireless, or Bluetooth keyboards or mice.

Note: Exemptions are possible for connecting peripherals where accessibility support is required. Contact your Line Manager for documented approval before connecting a peripheral device.

Personal devices **shall not** be charged from the USB ports of an MoJ device.

Note: Specifically: a personal mobile phone shall not be charged from the USB ports of an MoJ device.

Guidance

- If you have an MoJ-issued device or virtual environment, you **shall** use that.
- You shall not use a personal device to access Google Workspace tools such as Gmail, Docs, Slides, Sheets, Drive, Meet, or Hangouts for work purposes.
- You shall not use a personal device to access Office 365 tools such as Outlook email or calendar, Word, Excel, or PowerPoint for work purposes.
 - Wherever possible, an MoJ work device should be used to join business Teams calls, either via video or dial
 in.
 - In cases where staff have not been provided with a work phone or laptop or any other work device which allows them to join or dial into Teams, staff **may** join from their personal devices as a Guest. The chair of the meeting **shall** confirm the identity of each and every person joining their call as a Guest.
- This guidance applies to all tools accessed through a web browser or installed client applications.
- You **shall not** send MoJ information to your personal email account.
- You **shall not** use personal accounts for work purposes.
- You **shall not** store work files or information on a personal device such as a desktop, laptop, tablet or phone.
- You **shall not** store work files or information on a personal storage device or memory stick, such as an external drive, thumb drive, or USB stick.
- Some teams within the MoJ **might** have permission to use personal devices for some tasks. This permission continues, but is being reviewed on an on-going basis. Ensure that you have documented approval recording your permission. Ensure that the permission is no more than 12 months old. To request or refresh permission, ask your Line Manager to seek approval by checking with the Security team.

Note: You are not asked or required to use your own devices for work purposes. Statement **POL.MOB.009** of the mobile device and remote working policy makes clear that you **should not** use personal devices for MoJ work purposes. If you have access to MoJ devices for work purposes, you **shall** use them by default. A special case is that if you do not have an MoJ-issued mobile phone, you **may** use a personal device to receive Multi-factor authentication (MFA) codes or messages which authorise access by MoJ devices to MoJ systems.

Using MoJ tools on personal devices

In accordance with other policy on the use of personal devices, and the use of mobile devices specifically, you **shall not** use personal devices to access MoJ tools, such as MoJ Slack workspaces.

Note: The rest of this section refers to Slack workspaces, but applies equally to other MoJ tools, such as Teams, Trello, Jira, and so on.

You could of course use personal devices to access other (non-MoJ) Slack communities.

The point is that you **should not** use personal devices for MoJ work purposes. Slack workspaces are official MoJ workspaces and **should** only be accessed using MoJ devices.

Personal devices are not allowed to access services or content containing **Official-Sensitive** data. Work devices **shall** be used to access MoJ services such as MoJ Slack communities. If you do not have a work mobile device, and need to access services such as Slack on a mobile device, you **should** request one using Service Now.

Virtual environment

The MoJ provides access to a Virtual Environment to help with exceptional circumstances. This is where suitable provision of a physical device is not possible.

Request a virtual environment through the Creation of WVD instances product offering within the Service Catalogue in MoJ Service Now.

Connected vehicles

Connected vehicles are effectively Bluetooth-connected storage devices. They are considered personal devices for the purposes of this guidance, regardless of whether they are owned, leased or rented.

Automatic transfer of contact information and calendar events might happen during the pairing process. The resulting transferred data is accessible to any third party who subsequently pairs their mobile device to the vehicle.

Additionally, although such platforms usually offer an option to delete paired profiles, there is currently no confirmation that the data is actually erased to a satisfactory level. Transferred information might not be immediately visible or accessible, but this is not the same as deleting the information from the vehicle.

For these reasons, MoJ devices **shall not** be paired with Bluetooth-enabled vehicles.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Human resource security

Prior to employment

Minimum User Clearance Requirements Guide

This Minimum User Clearance Requirements Guide outlines the level of security clearance required for staff in order to access specific account types.

Security clearance levels

The Ministry of Justice (MoJ) uses the national security vetting clearance levels:

- Baseline Personnel Security Standard (BPSS)
- Counter Terrorist Check (CTC)
- Security Check (SC)
- Developed Vetting (DV)

Where appropriate, Enhanced checks apply, for example Enhanced Security Check (eSC).

Minimum user clearance requirements

Most of the MoJ IT systems are able to process **Official** information. Therefore all roles in the MoJ require staff to attain BPSS clearance as a minimum to be granted access rights to view **Official** information. Some roles require staff to have higher clearance.

For an individual to perform any of the following tasks, clearance higher than BPSS is required:

- Has long term, regular, unsupervised access to data centres or communications rooms.
- Has regular privileged unsupervised and unconstrained access to systems which contain data for multiple MoJ systems, for example backups, or console access to multiple cloud services.
- Has cryptography responsibilities and handling, under advice from the Crypto Custodian.
- Has access to multiple system security testing outcomes which reveal vulnerabilities in live services.
- Has a role such as system support or IT investigation role, such that without further authority or authorisation, an individual might:
 - Act as another user.

- · Obtain credentials for another user.
- · Directly access other users' data.

If an individual does not need to perform any of the previous tasks, then BPSS, DBS or Enhanced Check is sufficient.

The MoJ HQ and Executive Agencies might have additional, specific requirements for DV/DV STRAP clearance for individual systems. These requirements should be followed where applicable.

Please contact the Security team for further information.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

During employment

Training and Education

Overview

This information applies to anyone and everyone working for, or with, the Ministry of Justice (MoJ).

The MoJ's Information Security awareness programme plays an essential part in maintaining security. It informs all MoJ staff of:

- Their duties with regard to security.
- Their responsibilities to protect the assets (information, equipment, people and buildings) they have access to and
 use.
- The importance of reporting any actual or suspected security incidents.

Requirements

All staff starting or returning to work within the MoJ shall receive mandatory security training.

The objective is to ensure that all new and current staff members are aware of their security responsibilities whilst working at the MoJ.

Full details of the mandatory training are provided in the Joiner, Mover, and Leaver pages on the MoJ Intranet.

In summary, as a minimum everyone shall:

- Have taken and completed an MoJ Security induction.
- Have completed the Civil Service Learning course on "Responsible for Information (RfI)", or an approved
 equivalent.

Normally, this training shall be completed successfully before accessing MoJ information, resources, or assets.

Contact and Feedback

For any further questions or advice relating to security or security training, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Termination and change of employment

End or change of employment

Managers must ensure that all employees, contractors and third-party users return all assets within their possession and that all access rights (including building passes, access to buildings, IT systems, applications and directories) are removed at the point of termination or change of employment.

If the leaver holds a national security vetting (NSV) clearance, managers must complete a leavers form which will advise the NSV team that the NSV clearance holder is leaving, the level of clearance held, the reason for leaving, and the date. The NSV team will then inform the Protective Security Centre (PSC) who will inform UKSV and lapse the clearance.

Leavers should read the HR guidance at End or change employment.

Managers must also complete a leaver's checklist as a record of actions.

Downloads

Leavers checklist

A downloadable version of the "End or change of employment" document is available here.

Contact and Feedback

For any further questions or advice relating to national security vetting, contact: nsv-team@justice.gov.uk.

For any feedback or suggestions for improvement, contact: security@justice.gov.uk

Asset management

Responsibility for assets

Acceptable use of Information Technology at work

This guidance applies to all staff and contractors who work for the Ministry of Justice (MoJ).

Everyone working at the MoJ has access to MoJ Information Technology (IT) resources. You must use them in an acceptable way. This guidance explains what that means. The definitive list of Acceptable Use Policy statements is here.

Summary

Be sensible when using MoJ IT resources:

- The resources are for you to do MoJ work.
- Protect the resources at all times, to help prevent unacceptable use.
- If the use would cause problems, upset, offence, or embarrassment, it's probably not acceptable.
- Context is important. Security risks can increase when working outside your normal workplace.
- Be aware that your use of resources is monitored. During an investigation into a security incident, IT forensic techniques capture evidence.
- If you're not sure if something is acceptable, ask for help first.
- Above all, if you think there is a problem, report it or ask for help.

The way you use IT is important, because it indicates your approach to work, and can be taken into account when assessing your behaviour and performance.

What is meant by IT?

IT means the devices or services you use for creating, storing, or sharing information. This includes everything from devices (such as laptops, 'phones, mobile Wi-Fi hotspots (MiFi), iPads, tablets, printers, USB "memory sticks") through to online services (citizen-facing online services, staff tools, corporate email).

Acceptable use of MoJ IT

Acceptable use of IT is when you use it to do your work.

IT helps you complete your tasks as efficiently and effectively as possible. Sometimes, you might need account details such as passwords to use the IT. Acceptable use means protecting this kind of information, too.

Acceptable use can also vary according to context. For example, checking sensitive personal details might be perfectly normal within a secured office, but is not acceptable in a public space where anyone else might access those details.

Unacceptable use of MoJ IT

Unacceptable use of IT prevents you or your colleagues from doing work, or is unlawful or illegal, or does not take the context into account.

There are many unacceptable uses of IT, making it impossible to provide a complete list. Examples of things to avoid include:

- Deliberately or accidentally sharing resources or information, such as passwords, with people who are not supposed to have them.
- Using resources without permission.
- Storing sensitive information where it could easily be lost or stolen.
- Using unapproved tools or processes to store sensitive information, such as passwords or credit card details.
- Using your work email address for personal tasks.
- Using your personal devices or your personal email address for work tasks.
- Excessive private use during working time.
- Installing unlicensed or unauthorised software.
- Redirecting print jobs from MoJ printers to a personal printer.
- Sending your work material to your personal devices or your personal email accounts. (It is of course acceptable
 and necessary from time-to-time to send work material to someone else's email address when they are directly
 involved with that work, for example someone in the Office of the Public Guardian (OPG) emailing someone
 regarding Lasting Power of Attorney (LPA).)

Why unacceptable use is a problem

Unacceptable use of IT might affect the MoJ in several ways, such as:

- Bad publicity or embarrassment.
- · Increased or unexpected costs or delays.
- Civil or legal action.
- Reduced efficiency and effectiveness.

Unacceptable use might also affect you, too:

- Suspension of access, so that you cannot do your work.
- Disciplinary proceedings, up to and including dismissal.
- · Termination of contract for contractors and agency staff.

Keeping control

You are responsible for protecting your MoJ IT resources. This includes keeping your usernames and passwords safe and secure.

It also means looking after MoJ equipment, especially when working away from MoJ locations. You are responsible for protecting MoJ equipment issued to you. Any theft of MoJ equipment, or deliberate or wilful damage to MoJ equipment, should normally be reported to the Police and to the IT Service Desk.

Note: You should normally report instances of theft or damage to authorities as indicated. However, there might be additional circumstances which mean a sensitive handling of the situation is appropriate. It is acceptable to consider the context of the situation when making a report. Ensure you can justify your actions. In cases of uncertainty, don't hesitate to ask your line manager, or other responsible authority for advice.

While you might be careful about acceptable use of MoJ IT, there are still risks from malware, ransomware, or phishing attacks.

Acceptable Use Policy

Classification: OFFICIAL

Scope: All Ministry of Justice (MoJ) staff, contractors, and suppliers.

Expiry: When rescinded or replaced.

Review: Annual review from date of publication, or when required by legislative or departmental changes.

Authors: Security Policy, Awareness, Culture, and Education team (SPACE)

Policy owner: MoJ Information Security Team (MIST)

Authorised by: MoJ Chief Information Security Officer (CISO)

Date of publication: 22/07/2025

Document version: 1.1

This document is the Ministry of Justice (MoJ) Acceptable Use Policy. It provides the core set of security principles and expectations on the acceptable use of MoJ IT systems.

1. Introduction

MoJ IT systems and services are provided to support the delivery of the MoJ's business services. To achieve this, users are granted access to general-purpose computing environments and communication tools such as email and the Internet.

This policy outlines acceptable use and expectations for staff using MoJ IT systems or services.

2. Scope

This policy applies to all MoJ employees, contractors, and agency staff using MoJ IT systems.

- All users must be made aware of this policy and receive appropriate security awareness training.
- · Annural refresher training is mandatory.

3. Breaches of Policy or Security

All MoJ employees, contractors, and agency staff have a responsibility to safeguard MoJ assets (including information assets) and enable the MoJ to maintain business continuity and public confidence.

3.1 Policy Violations

Violations include, but are not limited to:

- · Unauthorised data disclosure
- Inadequate data protection
- Sharing passwords
- Breaching the Clear Screen policy
- Failing to report data breaches
- Defacing MoJ websites
- Public disclosure of MoJ vulnerabilities or other sensitive information or data
- Accessing sensitive information without legitimate reason

3.2 Consequences

Contravening or attempting to contravene this policy, breaching or attempting to breach security, or attempts to access inappropriate information may result in:

- Immedaite suspension of MoJ systems and services
- Termination of contracts
- · Formal disciplinary action

For most Users, access to MoJ IT systems and information held on them is through a desktop device, a laptop, or a mobile or remote device. These devices have the capacity to store large amounts of potentially sensitive information assets. It is important that Users follow Information Management processes and handling guidelines to ensure information is stored and accessed appropriately. Further information on information handling is provided in the Information Classification and Handling Policy.

General Security Operating Procedures (SyOPs)

The policy refers to a key set of general SyOPs, as follows:

· Remote Working.

To minimise the number of SyOPs in circulation and standardise procedures, the SyOPs listed previously act as the primary set, which individual IT systems are expected to conform to, in terms of their own SyOPs. Any deviations or additions are dependent upon approval through the assurance process.

POL.ITAUP.008: All IT systems **shall** have documented SyOPs which comply with the general SyOPs listed in this policy. Any deviations or additions **shall** be recorded in separate SyOPs which form an addendum to one of the SyOPs listed.

Note: An IT system **may** make use of, in their entirety, one or more of the SyOPs listed in this policy if the procedures of that IT system do not deviate from those described in the general SyOPs.

Removable Media

Removable storage media include devices such as USB memory sticks, writeable CDs or DVDs, and external drives. These devices **might** contain large amounts of protectively marked data, and so pose a significant risk to the confidentiality of the data they hold. As such, the MoJ controls the use of removable media through SyOPs, technical security controls, and by requiring movements of bulk data to be authorised.

POL.ITAUP.009: Any removable media device **shall** be approved by MoJ security, where that device is used to store protectively marked data. The type of device and associated SyOPs **shall** be approved by MoJ security before operational use.

POL.ITAUP.010: All Users **shall** ensure that all data stored on or transported by removable media is in accordance with the applicable system SyOPs.

POL.ITAUP.011: All Users **shall** seek approval from the Security team prior to any bulk transfer of protectively marked data using removable media. MoJ security advises on any technical and procedural requirements, such as data encryption and handling arrangements.

Passwords

A username and password combination is the primary access credential used for authenticating a User to MoJ systems, and authorising User access to information assets and services provided by that system. It is therefore important that Users keep their access credentials safe and secure.

POL.ITAUP.012: All Users **shall not** share or disclose any passwords with any other person.

POL.ITAUP.013: All Users shall not:

- Attempt to gain unauthorised access to another User's IT account.
- Attempt to use another Users access credentials to gain access to an MoJ system.
- Attempt to access information for which they do not have a 'need-to-know'.
- · Use the same password on more than one MoJ system.

Legal and regulatory requirements

There are a number of legal and regulatory requirements that the MoJ must comply with. These obligations are in addition to HMG security policy, as expressed in the HMG Security Policy Framework.

POL.ITAUP.014: All Users **shall** be made aware of legal and regulatory requirements that they **shall** adhere to when accessing MoJ systems. These requirements **shall** be included as part of the SyOPs.

13. Personal use

The MoJ permits limited personal use of its IT systems, provided this use does not conflict or interfere with normal business activities. The MoJ monitors the use of its IT systems. Any personal use is subject to monitoring and auditing, and might also be retained in backup format, even after deletion from live systems.

The MoJ reserves the right to restrict personal use of its IT systems. The main methods employed are:

- Filtering of Internet and email traffic. All Internet and email traffic is filtered and analysed.
- Policy and procedures. This policy and associated SyOPs set out the restrictions placed on the use of MoJ systems.
- Users shall ensure that any personal use of MoJ systems does not conflict or interfere with normal business activities. Any conflict shall be reported to the User's line manager.
- Users shall ensure that any personal use of MoJ systems is consistent with any applicable SyOPs, and with this acceptable use policy.
- Users shall be aware that any personal use of MoJ systems which contravenes any applicable SyOPs, or this
 acceptable use policy, constitutes a breach of the IT Security Policy and might result in disciplinary action.

14. Maintaining system and data integrity

Users shall comply with all applicable operating procedures and ensure that they do not circumvent any security controls in place. Changes to the configuration of an IT system which affect either the integrity of that system or the integrity of shared data shall be undertaken or supervised by an authorised User or system Administrator.

- All system or equipment changes must be requested via the IT Service Desk
- Further details are provided in the System Users and Application Administrators guidance.

15. Internet and Email Usage

Due to the risks associated with electronic communications such as email and the Internet, the MoJ controls and monitors usage of MoJ systems in accordance with applicable legal and regulatory requirements.

- · Usage is filtered and monitored
- Inappropriate use may lead to disciplinary action
- Access to high-bandwidth sites may be restricted due to capacity issues, causing poor performance affecting MoJ
 services. Therefore, the MoJ restricts access to the Internet, based on job role. Amendments can be made on the
 submissions of a business case for approval by the MoJ Security team.
- All Users shall use the Internet, email, and other electronic communication systems only in accordance with this
 acceptable use policy document.

External email and the Internet are, in general, insecure services where it is possible for external entities to intercept, monitor, change, 'spoof', or otherwise interfere with legitimate content. The MoJ deploys a number of security controls to protect its Users from Internet- and email-borne attacks. However, these controls are reliant on Users remaining vigilant, following any applicable SyOPs, and reporting any suspicious behaviour.

16. Email Management

Users are responsible for ensuring that all information is handled in line with the protective marking of that information, in accordance with the Information Classification and Handling Policy.

The MoJ is connected to the Government network, which provides a secure environment for sending or receiving emails between Government departments. This allows Users with an MoJ email account (normally with the suffix '@justice.gov.uk') to send **Official** emails with handling caveats such as **Sensitive** to another MoJ or government User, where their email suffix ends in 'gov.uk'.

All Users **shall** ensure that information contained within or attached to an email is handled in accordance with the Information Classification and Handling Policy.

Email is a major source of malware, and a route into the MoJ for criminal organisations. It **might** be used to defraud staff, or to exfiltrate information. All Users **shall** exercise care when handling emails, and report any suspicious activity as an IT security incident.

All Users shall ensure that they do not:

carrying out personal activities using MoJ systems, Users are consenting to the MoJ processing any sensitive personal data which **might** be revealed by such monitoring, such as regular visits to a set of websites.

For the purposes of business continuity, it **might** be necessary for the MoJ to access business communications, including within email mailboxes, while a User is absent from work, including for a holiday and because of illness. Access is only granted through submission of a formal request to the IT Service Desk, where approval is required from the relevant line manager. The MoJ Chief Information Security Officer (CISO) and MoJ HR are normally consulted as well, before access is granted.

POL.ITAUP.027: All Users **shall** be aware that their electronic communications are being monitored in accordance with this acceptable use policy.

POL.ITAUP.028: All Users **shall** be aware that business communication such as email mailboxes **might** be accessed if they are absent from work. This access is normally requested through, and authorised by, the User's line manager. The MoJ CISO and MoJ HR are normally consulted as well, before access is granted.

Data protection considerations

Acceptable use considerations apply to the storage of personal data. This storage includes data hosting in 'cloud' environments, or within services or databases hosted or administered outside:

- The UK.
- The European Economic Area (EEA).
- Countries with an Adequacy Decision (an 'Adequacy Decision Country' or ADC).

POL.ITAUP.029: The default position is that MoJ personal data **shall not** be transferred to or through, or stored, in the US or elsewhere outside the UK, EEA, or an ADC, other than in exceptional circumstances.

This position also applies where a supplier uses cloud storage facilities in the UK, EEA, or an ADC, but their employees outside the UK, EEA, or the ADC are able to view the information for activities such as maintenance or trouble-shooting. The effect of this access is equivalent to the personal data being held outside the UK, EEA, or an ADC.

The reason for this position is that even with additional contractual clauses, the MoJ cannot ensure protection of its personal data stored outside the UK, EEA, or an ADC, due to some government surveillance laws.

POL.ITAUP.030: A supplier based in the UK, EEA, or an ADC, and which stores client data in the UK, EEA, or an ADC, **should** be considered first and preferred where possible.

POL.ITAUP.031: If an alternative supplier cannot be sourced, then a Standard Contractual Clause (SCC) and a Transfer Impact Assessment (TIA) **shall** be completed.

These documents are reviewed by the Data Protection Team, after which the transfer **might** be approved. A template for these documents can be requested from DataProtection@justice.gov.uk

POL.ITAUP.032: If the outcome of the assessment does not support the transfer and storage of information outside the UK, EEA, or an ADC, the Information Security and Risk (ISR) Board **shall** review the case, and if appropriate, accept the risks in order for the supplier to be used.

POL.ITAUP.033: This acceptable use policy for MoJ personal data **shall** apply to:

- An existing supplier changing the location of its servers, storage, or services outside the UK, EEA, or an ADC.
- New suppliers.

Data protection acceptable use protocols and standard operating procedures

The Data Protection Team has produced a number of Acceptable Use protocol documents, providing specific data protection guidance.

The documents are available on the MoJ Intranet, or by contacting the Data Protection Team.

The documents are as follows:

- Acceptable Use Protocol Commercial and Contract Management
- Acceptable Use Protocol Subject Access Requests

Data at rest on MoJ-issued laptops

"Data at rest" is a term used to refer to all data in computer storage. This excludes data that is traversing a network, or temporarily residing in computer memory to be read or updated. The protection of data at rest is achieved by encrypting the hard disk. MoJ-issued laptops use an approved whole disk encryption product. This allows data to be safely stored.

Disposal and decommissioning

Sensitive data **shall not** be kept for longer than is needed. The IAO **shall** check for compliance, including any mandatory retention period.

Physical media containing sensitive data **shall** be disposed of securely, even if that data is encrypted. The reason is that an attacker could potentially make unlimited attempts to crack the encryption used if the media comes into their possession.

Further information on disposal and decommissioning can be found in the Secure Disposal of IT Equipment guidance.

Information sharing General principles

Where there is a business need to transfer sensitive data, it **shall** be appropriately secured or encrypted using an approved mechanism prior to electronic transmission or export to removable media devices.

Transferring sensitive data with the appropriate security controls may be achieved by:

- Transmission over a secure network that is accredited to carry such data, either in clear (where this has been formally approved by Information Assurance and the IAO), or encrypted.
- Transmission over an unprotected network, employing encryption of sufficient strength to mitigate any communication security risks identified.
- Physical transportation of storage media using encryption of sufficient strength to mitigate the security risks
 associated with the information being transferred in addition to the physical and procedural measures required to
 protect the media itself.

Note: Only the minimum amount of sensitive data necessary to meet the business requirement should be transferred and not the entire data set.

The sender **shall** ensure that any data shared can be adequately secured by the recipient. The sensitivity of data **shall** never be downgraded in order to send it over inadequately protected channels, or to send it to a recipient who does not have an appropriate facility to protect it after it arrives.

Sharing sensitive information

MoJ staff, including contractors and agency staff, **shall** make sure they observe the following measures when sharing sensitive information:

- Check that all recipients are authorised and cleared to receive sensitive information before sending it to them.
- Ensure that the confidentiality of the sensitive information is protected during transit, for example by encrypting the data.
- Ensure copies of sensitive information are not kept beyond when they are actually required, for example by keeping information "just in case" it might be needed in the future.

All MoJ staff **shall** avoid exposing sensitive data to unnecessary risks, in particular by observing all aspects of MoJ Acceptable Use.

Authorisation **shall** be sought from the IAO before sensitive information can be moved or shared with a 3rd party. The authorisation itself is captured within the Data Movement Form. the following sub-sections provide guidance on particular types of information sharing common across the MoJ, and to help you complete a DMF.

Internally within the MoJ

Information marked up to and including **Official-Sensitive** can be transferred in bulk within an MoJ IT system or domain such as DOM1, without additional controls required to preserve the confidentiality of that information.

Where information is transferred between MoJ IT systems or domains, additional controls might be required to:

- Data is being moved or shared by using a physical storage device to transfer the information. An example is
 where you use a "memory stick", a USB drive, a storage array, or some other removable media. The DMF in this
 scenario focuses on the data being moved or shared.
- Data is being moved or shared by electronic (network) communication, where the movement is from an MoJ IT system to an external party. An example is using secure file transfer or approved email to transfer the information. The DMF in this scenario focuses on the data being moved or shared.
- An asset (a "data bearing asset") is being moved to, or transported by, an external party. This might be as a
 result of an office move, or because the asset is being decommissioned. The asset might contain or process MoJ
 information. Examples of data bearing assets include laptops, servers, multi-functional devices, and any other data
 bearing peripherals. The DMF in this scenario focuses on the asset being moved or transported, rather than the
 MoJ information that the asset might contain or process.

A DMF shall be submitted to the Security team for information purposes, in the following scenarios:

- Data is being moved or shared by electronic (network) communication, where the movement is entirely within or between MoJ IT systems.
- Data is being moved in full compliance with the already-approved service design and operation specification and procedures.
- An asset (a "data bearing asset") is being moved but remains within the MoJ or its supplier-provided and MoJapproved facilities at all times.

Note: In the informational scenarios, a DMF is only expected the first time a data movement or sharing takes place. Subsequent, repeat instances of the movement or sharing, do not require a re-submission of the DMF. For example, when setting up a backup process as part of an approved service design, a DMF is created and submitted to the Security team for information purposes, but does not need to be re-created or re-submitted for each backup occurrence. If the implementation or process for the data movement or sharing changes, for example a new new backup technology or process is deployed, then a fresh informational DMF is required.

In any case of doubt, it is always advisable to complete a DMF and await approval or other feedback from the Security team.

Using SecureZIP

SecureZip is a compression and encryption product which can be used to encrypt sensitive data for use in removable media and email based information transfers.

Note: SecureZip can produce "self-extracting" encrypted files that are executable programs which are likely to be blocked by network firewalls or email content checkers.

The general rules for transmitting a password to a recipient are:

- Never transfer the password with the encrypted file, or even over the same communication channel. Use an
 alternative method, for example if an encrypted file is sent by email, communicate the password or key via SMS
 text message, letter, fax or phone call.
- Transfer the encrypted data file first. Only send the password or key after the recipient has confirmed receipt of the file.
- Avoid detailing the purpose of a password when it is sent.
- Avoid re-using passwords and demonstrate good security discipline to 3rd parties by creating a completely new password or phrase for each transmission.

More guidance on password best practices is available.

General enquiries, including theft and loss

Technology Service Desk - including DOM1/Mojo, and Digital & Technology Digital Service Desk. Use one of the following two methods for contacting service desk:

- Tel: 0800 917 5148
- · MoJ Service Portal and Live Chat

 Personal/case details where there is a specific threat to the life or liberty of an individual such as protected witness scheme records.

The concept of sophisticated or heightened threat doesn't only apply to those with a high technical (IT) attack capability, but might apply to criminals who have a developed capability to intimidate or coerce individuals. If disclosure of information might result in serious physical harm or put a life at risk because there is a real and highly capable threat present, the information **shall** be tightly controlled. **Secret shall not** become the default status for material just because of the type of case or potentially severe consequences such as murder trials, or where there is a threat to life. The threat capability **shall** also be present.

Top Secret

HMG's most sensitive information, requiring the highest levels of protection from the most serious threats.

Where compromise might cause widespread loss of life or else threaten the security or economic wellbeing of the country or friendly nations.

This classification remains for information of the highest sensitivity relating to national security and subject to highly capable threat sources. There is no change to controls at this level. Any business area holding or expecting to hold information at this level **shall** contact the Departmental Security Officer to agree controls.

Applying the classification system

The following considerations apply:

- Staff and delivery partners are responsible for ensuring that all information is looked after with care, to enable the business to function as well as meeting privacy needs.
- The majority of MoJ and wider government information will fall into the **Official** tier; there is a significant step up to **Secret** and **Top Secret** which are essential for national security and the very highest threat areas.
- Official provides for a general and sufficient level of control of information (including for systems holding such
 information) which is not subject to heightened threat sources. Within this, there is flexibility to apply additional
 operational controls to reflect sensitivity.
- In most areas of MoJ activity at **Official**, staff should continue to follow existing business instructions and procedures for handling information that apply to those activities. Such instructions should include provisions for identifying and dealing with more sensitive cases.
- The 'Working with Official information' desk aid and handling rules should be referred to when receiving, handling or creating information in any format, which is not routine or covered by general processes or instructions.
- Material at Official does not require a marking to be applied, but must be protected in accordance with the
 handling rules and any local instructions. However, information assessed to be particularly sensitive must be
 marked Official-Sensitive, giving a clear warning that strict control of access and special handling apply (see
 below).
- Staff are expected to comply with local instructions and minimum controls, but need to exercise common sense
 in situations where applying a control is not possible or would seriously hinder effective business or safety. In
 all but the most urgent cases, seek approval from your manager or the Information Asset Owner before adopting
 lesser controls. Decisions must be risk based, and the assessment must be recorded at the earliest convenient
 opportunity.
- Existing material with former protective markings including UNCLASSIFIED, PROTECT, and RESTRICTED
 does not need to be retrospectively reclassified. See the transition note in this guidance.
- Descriptors, such as PERSONAL or COMMERCIAL are no longer used. In exceptional circumstances or where
 the recipient might not recognise the sensitivity of the information being sent, authors may include 'handling
 instructions' in a document or email to draw attention to particular requirements.
- The security officer for your part of the MoJ should be consulted to agree controls if you receive, handle or otherwise process any information at **Secret** or **Top Secret**.

Controls

At **Official**, any local instructions or operating procedures should continue to be followed. These should assist staff in identifying any cases that require the **Official-Sensitive** marking.

Old marking	New classification	Examples
	You need to consider whether the subject matter is particularly sensitive and there is a need to rigorously enforce access controls, in which case material may additionally require handling or marking as Official-Sensitive . Anything with this level of sensitivity might already have agreed handling constraints. If in doubt, discuss with the Information Asset Owner.	Particularly sensitive case records, contentious policy drafts and advice, and sensitive negotiations.
CONFIDENTIAL hard copy previously received from another Department.	Check with the author or originating Department. The presumption should be to treat as Official-Sensitive and continue with current handling controls, unless there is a clear national security aspect or it relates to protected witnesses, in which case treat as Secret . If you want to reproduce content in an electronic document, check the classification with the author or originating Department. See the note after the table.	
confidential electronic copy received by secure government network or held on stand-alone system used for CONFIDENTIAL.	Continue to observe the operating instructions for the system you are using. Continue to use the secure government network for any reply, and use the marking applied by the original author. Otherwise, adopt controls for Official-Sensitive . See the note after the table.	
Secret.	Continue to treat as Secret , subject to any formal review of the classification of the information assets involved in the particular area of activity. If hard copy, treat as Secret and log, store, move and dispose of accordingly. If held on a stand-alone system currently rated at Secret , treat as Secret and observe the operating controls for the system.	Material relating to national security or counter-terrorism, and some protected witnesses.

Note: Electronic records marked CONFIDENTIAL should not be processed or saved on the MoJ existing standard networks such as DOM1 or MoJo, or on electronic document management systems unless or until the originator or Information Asset Owner has issued revised guidance allowing the information to be handled at **Official**, including **Official-Sensitive**, and the system has been rated to hold material at **Official**, with any additional access controls, or the system reclassified as **Secret**.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Information classification, handling and security guide

All Ministry of Justice (MoJ) employees interact with information, and are responsible for its protection. Information security must be considered during the process of designing, maintaining, and securing the MoJ's IT systems that are used to process information.

However, not all information warrants the strictest levels of protection. This is why information classification is so important to the MoJ – to ensure that the department can focus its security efforts on its most sensitive information. Information security must be proportionate to the security classification of the information, and must be considered throughout the information lifecycle to maintain its confidentiality, integrity, and availability.

Туре	Measure	Example
	Care should be taken to ensure that Top Secret information in transit is only shared with defined recipient users through accredited shared infrastructure or using extremely strong encryption.	
	Top Secret information should be processed on IT systems which have been approved the Top Secret threat model. Advice on what commercial IT systems meet this requirement is available from the MoJ Security team.	

Note: Different information security measures might be applicable throughout the information lifecycle. It is important continually to evaluate security classifications and their corresponding measures. Refer to the HMG Government Security Classifications Policy for further guidance.

Note: For further information on statutory disclosures and transfer to national archives, please refer to the HMG Government Security Classifications Policy.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Information Classification and Handling Policy

This document provides the core set of IT security principles and expectations on the handling and classification of information on Ministry of Justice (MoJ) IT systems.

The MoJ stores and processes a wide variety of information, some of which attracts an HMG protective marking or contains personal information. The MoJ has a duty to protect all the information stored and processed on its IT systems.

This policy outlines the Information Classification and Handling Policy for all information held on MoJ IT systems.

Scope

This policy covers all staff (including contractors and agency staff) who use MoJ IT systems.

The overarching policy on information classification and handling is maintained by MoJ Security. This document only contains IT specific policies which are in addition to the overarching policy.

The overarching policy can be found here.

All Users **must be** made aware of the Information Classification and Handling Policy, and provided with security awareness training which covers this policy.

All Users **must be** provided with refresher security awareness training which covers this policy every 12 months.

Inventory of assets

All information assets need be identified and have a nominated asset owner, to help ensure that the appropriate protection of these assets is maintained.

Examples of what an information asset constitutes are:

- Databases and data files.
- · System documentation.
- User manuals, training material, operational or support procedures.

Media handling

Removable media

Any Ministry of Justice (MoJ) systems or removable storage media used for work purposes must be encrypted to MoJ security standards. Security encryption is a mandatory government measure, and one of the most important methods we have to protect MoJ information.

What is 'removable' media?

Laptops and USB memory sticks are the MoJ's most commonly used items of removable media. Removable storage media covers items available to users, such as USB memory sticks, writeable CDs/DVDs, floppy discs, and external hard drives.

Strictly speaking, magnetic tapes are also removable storage media, but it would be very unusual for the average user to have access to or to use magnetic tapes for business purposes.

MoJ security guidance specifies that USB memory sticks and other user-removable media should not be used to store departmental data. Only in exceptional circumstances, and where there is compelling business justification, should MoJ-approved USB sticks with device encryption be used.

USB memory sticks

This guidance is intended to ensure that MoJ data remains secure, and to mitigate the potential impact of lost data sticks.

- 1. You must only connect approved external removable storage media to MoJ systems.
- 2. Connecting non-approved memory sticks is a breach of MoJ security guidelines, and could result in disciplinary action.
- 3. If there is a genuine business requirement to save, retrieve or transfer data via removable media, fill in one of:
 - · Removable media business case form
 - Data Movement form

Additional guidance information is available about the Data Movement form. When the form is ready, send it to: security@justice.gov.uk.

- **4.** Each request is evaluated by MoJ Operational Security, with a view to recommending the safest and most appropriate method to contain risk of loss.
- **5.** Normally, you'll get a response within 5 working days.
- 6. Requests to use a memory stick or other removable media will normally only be granted when there is no other practical alternative. Where approval is granted only encrypted memory sticks or other removable devices provided by the MoJ are allowed. Use of memory sticks or other removable devices will be subject to stringent conditions, and permitted only after user training.

If you need further assistance or information about this process, ask.

How do I know if my laptop, or USB stick, is encrypted?

All equipment provided through the MoJ's recognised central procurement systems are encrypted and protected to MoJ security standards. You must use MoJ processes to obtain any equipment used for business purposes, including mobile computing devices and removable media.

What's expected of you

Keeping MoJ information safe is everyone's responsibility. Anyone using portable computing equipment must take particular care to safeguard the equipment and the information stored on it. Failure to do so may result in disciplinary procedures.

What's expected of you

Keeping MoJ information safe is everyone's responsibility. Anyone using portable computing equipment must take particular care to safeguard the equipment and the information stored on it. Failure to do so may result in disciplinary procedures.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Secure disposal of IT equipment

The Ministry of Justice (MoJ) and its Executive Agencies and Arms Length Bodies use a wide variety of equipment, both physical and virtual. These resources are procured and managed though MoJ suppliers, who are normally responsible for the secure disposal of the resources when no longer used.

However, there are also other physical and virtual resources across the MoJ estate which might have been procured and managed locally. It is crucial that they are disposed of in a secure manner, to prevent data being leaked.

Note: When disposing of **Secret** or **Top Secret** equipment, materials, or resources, you **shall** contact security: security@justice.gov.uk

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Secure disposal of IT - physical and on-premise

This document is the Ministry of Justice (MoJ) guidance covering disposal of physical and on-premise media and data. It is intended to ensure that the confidentiality and integrity of MoJ data is maintained when physical hardware is decommissioned.

Physical Media and Associated Data

The MoJ and its Executive Agencies and Arms Length Bodies use a wide variety of equipment, including photocopiers and printers, data centre hard and tape drives, desktop computers, laptops, USB memory sticks, and generic mobile devices. Some equipment might be the responsibility of a supplier to decommission and dispose of it safely and securely. Check asset tags or similar identifiers to determine and validate responsibility.

However, other devices across the MoJ estate might have been procured and managed locally. They **shall** be disposed of securely, to prevent MoJ information from being "leaked".

Approved organisations

For help to arrange secure disposal by an approved organisation, contact IT Service Desk (0800 917 5148).

NCSC and CPNI on Secure Disposal

The National Cyber Security Centre (NCSC) and Centre for the Protection of National Infrastructure (CPNI) give critical guidance on the secure sanitisation of storage media here and here, respectively, specifically regarding disposal and destruction of media, and the data contained within it.

The situations when sanitising data is required are:

- Re-use.
- Repair.
- Disposal; sanitising unwanted media and its associated data whilst it is controlled by the MoJ and before it is passed outside the MoJ.
- Destruction; destroying the media, and hence data it contains, onsite or offsite.

re-used or reallocated to a different user, or repurposed

for a different function.

Destruction method Covers assets that have reached end of life, and need to be physically destroyed onsite or offsite.

Note: If the data is encrypted, then only the key needs to be deleted or erased, and the table does not need to be followed.

If the table does not cover your exact requirement, contact IT Service Desk (0800 917 5148).

Note: When disposing of Secret or Top Secret equipment or materials, always contact IT Service Desk (0800 917 5148).

Equipment or asset type	Data deletion method	Destruction method
Flash (USB)	Delete the data, or erase using manufacturer instructions.	Destroy using commercially available disintegration equipment, to produce particles of a maximum of 6 mm in any direction.
Hard disk drive. Note: This includes data centre disk drives.	Overwrite the entire storage space with random or garbage data, verifying that only the data used to perform the overwrite can be read back.	Break the platters into at least four pieces. This can be carried out either manually or by using a commercially available destruction product suitable for use with hard disks. Alternatively, apply a lower level degauss (refer to the explanation after this table), and then apply a destructive procedure that prevents the disk from turning. For example, punch holes into the platters, or twist or bend them.
Magnetic tapes and floppy disks Note: This includes data centre tape drives.	Overwrite the entire storage space with random or garbage data, verifying that only the data used to perform the overwrite can be read back. Destroy using a commercially availar shredder that meets a recognised international destruction standard. Particle of tape should be no larger than 6 x 1 Alternatively, apply a lower level degrand then cut the tape to no larger than in any direction.	
Optical media	Data deletion is not possible.	Shred or disintegrate using equipment that meets a recognised international destruction standard. Particles should be no larger than 6 mm in any direction.

Equipment or asset type	Data deletion method	Destruction method
Monitors	Overwrite on-board storage by displaying non-sensitive data on the screen for a few minutes before powering off. Note: If a monitor screen has legible "burn-in" of sensitive information it shall not be re-sold or donated.	Monitors can be disposed of by: (1) Returning the product to the manufacturer who shall align to formal waste disposal responsibilities, or (2) taking the item to a professional waste disposal facility, or (3) reselling or donating to a non-profit organisation, once basic sanitation procedures have been performed. Ensure there is no "burn-in" of sensitive information, and that the device has not reached its end of life. Note: If the end of life monitor contains mercury, it is considered hazardous waste and its disposal shall align to WEEE 2013 Regulations using specialist methods such as disassembly to remove the mercury containing backlights for specialist treatment and the separation of the remaining material streams.

Note: A lower level degauss is a process using specialised equipment to erase data totally, by eliminating the unwanted magnetic field (information) stored on tape and disk media.

Owners of the data storage devices are responsible for procuring services that meet the necessary destruction outcomes as described previously.

Wherever possible and appropriate, managers should pool together equipment with that of local colleagues to share service costs.

Data destruction verification

As part of the physical media or data destruction by the MoJ or its suppliers, validation of destruction **shall** be carried out. This is to ensure that data handling processes align with the MoJ Asset Management Lifecycle policies. This includes:

- 1. The MoJ or supplier scans the hard drive or physical media asset tags or barcodes.
- 2. The MoJ or supplier carries out data destruction (as per the previous table).
- 3. The MoJ or supplier confirms hard drive or physical media data destruction by providing reasonable proof. This can include:
 - **a.** Providing an inventory of physical media in their possession.
 - b. Reconciliation carried out on the physical media scanned/received matching the physical media destroyed.
 - c. A witness in attendance to sign a destruction certificate that is be stored in a secure space or network share.

Note: An alternative to the previous steps is to use a leading enterprise erasure tool that provides a certificate aligned to NIST 800-88 Guidelines for Media Sanitization. Such a tool verifies:

- 1. When the physical media was destroyed.
- 2. That verification was performed.

If you are based in a London HQ site the Accommodation Team coordinates bulk secure disposal; please contact them in the first instance.

Note: All destruction certificates and destroyed assets **shall** be supplied to the MoJ hardware team to update CMDB. This can be done using the technical portal to "Bulk upload CIs - update", or alternatively by emailing the details to: MoJITAssetManagementTeam@justice.gov.uk.

Transporting data between sites securely

If you have any concerns about moving items between sites securely, contact IT Service Desk (0800 917 5148).

Guidance on the transportation of secure data is located in the CPNI guidance: "10. Transport of sensitive items".

The previous guidance is also referenced in the CAS Sanitisation Service Requirement, under section "MIT001 – Keep items secure during transportation" on page 9.

Contact and Feedback

For any further questions or advice, contact IT Service Desk (0800 917 5148).

For any feedback or suggestions for improvement, contact: security@justice.gov.uk

Working securely with paper documents and files

To help identify formal policy statements, each is prefixed with an identifier of the form: **POL.PPR.xxx**, where **xxx** is a unique ID number.

Audience

This guidance complements the Ministry of Justice (MoJ) overall security policy.

This guidance applies to all employees, contractors, partners, and service providers, including those on co-located sites and sites owned by other public bodies. This includes employees of other organisations who are based in, or work at, MoJ occupied premises.

POL.PPR.001: Agencies and arm's length bodies (ALBs) **shall** comply with this corporate framework but **can** establish their own arrangements tailored to operational needs and **should** supplement this framework with local policy or guidance for any business-specific risk.

Objective

The MoJ requires employees and contractors to get into the habit of looking after the information that they work with, whether it is on paper or stored electronically, in the same way that they would take care of their personal valuables.

Scope and Definition

This guidance helps you understand the risks involved in working with, sharing, and moving paper documents both inside and outside the office. It covers any information that relates to the business of the MoJ, its stakeholders, or partners, where the information has been printed out or written down on paper.

Note: This guidance applies also to the contents of personal information systems, such as notebooks.

This guidance outlines the basic principles of working securely with paper documents and files.

Context

All MoJ information is valuable. There is a requirement to protect everything that relates to the department's business, including information provided by others.

Note: The protection requirement applies to all information, not just information that is covered by the Data Protection Act or classified under the government-wide security classification system.

There are different rules for managing and protecting various kinds of paper-based information. You **should** know how to:

- Identify the correct security level for the information you work with.
- Handle the information according to the relevant rules.

Responsibilities

All employees, contractors, partners, service providers and employees of other organisations who are on MoJ premises or co-located sites remain accountable for the security, health, and safety of themselves, colleagues, and the protection of departmental assets.

Policy statements Identifying the correct security level

The MoJ uses the government-wide security classification system to indicate the level of security that the various types of information require. The different classifications are based upon the harm that would be caused if controls were breached.

POL.PPR.002: Within the **Official** classification, material does not normally need to have the classification written on it. However, particularly sensitive information **should** be marked with the **Official-Sensitive** handling caveat if it requires more robust access and handling controls to prevent more damaging consequences from disclosure.

POL.PPR.003: Information handled in the MoJ might not always have a visible classification marking. If any file contains material with a marking, then the cover of the file **should** be marked with the highest level of any of the contents.

To identify the right security level for information, think about:

- How sensitive that information is.
- Whether it contains personal data that could be used to identify individuals.
- · What the consequences might be if the information was compromised or misused.
- Whether the information is likely to be under threat from anyone with a high intercept capability. If so, the
 information might require marking at a higher classification than Official. If you are working with information or
 documentation higher than the Official classification level, contact Security team for specific guidance.

If you are in any doubt, ask your line manager or contact Security team.

Allocating security levels and marking

POL.PPR.004: If you are generating original information, you **should** apply the **standard rules** to decide which classification to use. Do not set security levels higher than necessary. Set the classification that is appropriate at the time. Classification can be altered later if circumstances change, such as when material is no longer embargoed or has been released intentionally for consultation.

POL.PPR.005: For material at **Official-Sensitive** or higher classifications, the classification **shall** be written in capitals at the top and bottom of each page of the document. You **should** use the header and footer facility if creating electronically, and include page numbers by using the format Page x of y. You **should** only create documents at classification levels higher than **Official** on approved IT systems. If you are working with information or documentation higher than the **Official** classification level, contact Security team for specific guidance. Files and documents **should** be marked according to the most sensitive piece of information included.

Data Protection Act

If the information in the documents or files can be used to identify living individuals, or could identify living individuals when used in conjunction with other MoJ material, then the information is covered by the Data Protection Act (DPA). The Act covers not only information such as name, address, and date of birth, but also expressions of opinion about or intentions towards an individual.

POL.PPR.006: Paper-based information that is covered by the DPA **should** be managed according to the general principles of working securely with paper documents and files set out here.

Handling paper-based information in the office

Think carefully before leaving papers unattended on desks, in the same way that you would avoid leaving your own personal correspondence – or even a purse or wallet – in plain view.

The MoJ has a clear desk policy that is intended to ensure information is seen only by people who 'need to know' it.

This means:

- Not leaving documents or files on a desk when not being used.
- Locking documents or files in a secure cabinet when you leave the office.

Failure to follow this policy could expose files and papers to the risk of being seen during the working day by other staff, or visitors to the office and, out of hours, by guards and cleaners. Even apparently non-sensitive information should be looked after. Putting papers away also protects them from damage from fire, smoke, or water.

There are different controls regarding how the various levels of classified information are secured. Refer to the Information classification, handling and security guide for more information.

Taking documents and files out of the office

Occasionally, you might need to take MoJ information outside MoJ premises. Examples might be when you are working from home, or moving between MoJ buildings. At such times, it is likely that you'll be carrying valuable information within documents, paper files and personal notebooks.

POL.PPR.007: Always check first whether it is really necessary to take documents out of the office. If it is essential to do so, you **shall** get permission from your line management, especially if the information includes:

- Personal information, including anything that relates to an identifiable individual or individuals, such as MoJ staff, stakeholders, partners, or customers.
- Material marked Official-Sensitive.

POL.PPR.008: You **shall** get permission from a head of division, or from a member of the Senior Civil Service (SCS) if the information is marked at a level higher than **Official-Sensitive**. Removal or relocation of information marked at a level higher than **Official-Sensitive** shall be noted and recorded on a register, and a record kept of when the material is logged back in.

POL.PPR.009: If you are carrying papers out of the office, you **shall** protect them against accidental loss such as an accident or distraction, causing you to drop or misplace them.

POL.PPR.010: Ideally, carry papers in an unmarked case. For papers marked **Official-Sensitive** or higher, or when using public transport, you **shall** use a lockable case.

POL.PPR.011: For short journeys, such as on foot, and where you are not stopping or using public transport, it is acceptable to carry **Official** papers in a plain envelope, marked only with your name and office address.

POL.PPR.012: If carrying papers to a meeting at a different location, you **shall not** allow sensitive details to be visible. The reason is that they could be photographed by a journalist.

POL.PPR.012.001: Papers **should** be stapled together or otherwise secured in a package. This is to limit dispersal if the carrying case or envelope becomes damaged or opened.

POL.PPR.013: Cases or envelopes **should** have the minimum details necessary on the outside to assure safe return of the item, if lost, without having to be opened to reveal the contents.

POL.PPR.014: Documents **shall not** be left unattended in public places or in an unattended car. Care **should** be taken if you are reading protectively marked information in public places where you might be overlooked, such as a train, or where it might be difficult to retrieve a document if you lost hold of it, for example if you dropped it, or it was blown away.

If you are taking papers home, ensure that they are not readily accessible to other members of your household. Take precautions to minimise their loss. If the papers would normally be locked away in the office, try to do the same at home.

Sending documents

Options for sending documents are covered in the Sending Information guidance note.

Disposing of paper information

MoJ offices have bins or bags that are specifically intended for secure waste disposal of documents or files, including:

- Personal information that relates to an identifiable individual or individuals.
- Sensitive information that should not be disclosed.
- Any material bearing a visible classification marking.

POL.PPR.015: You **should** read and follow the secure waste disposal guidance on the MoJ Intranet before disposing of any document or files.

POL.PPR.016: Before disposing of information, you **should** check whether it should be retained on a file, and whether it is covered by a 'retention schedule'. The Records and Retention team can advise on this.

Long-term storage

The MoJ has arrangements for the secure long-term storage of paper documents and files. If you want to keep paper-based information, but no longer need to regular access to it, refer to the information on the MoJ Intranet regarding keeping, deleting, and disclosing information. The Records and Retention team can provide additional guidance.

What to do if you think there has been a security breach

POL.PPR.017: If you suspect that the security of the information you work with has been compromised in any way, you **shall** report it immediately.

Note: A security breach does not have to involve the actual loss of information. The potential loss of information also counts. For example, if a security cabinet has been left unsecured, there may be no evidence that any information has been lost or interfered with, but there is a clear potential for loss or damage.

Compliance

POL.PPR.018: The level of risk and potential impact to MoJ assets, and, most importantly, physical harm to our people and the public, determines the controls to be applied and the degree of assurance required. The MoJ **shall** ensure a baseline of physical security measures are in place at each site, and receive annual assurance that measures are in place to provide appropriate protection to all occupants and assets, and that these measures can be strengthened when required, such as in response to a security incident or change in the Government Response Level.

POL.PPR.019: The implementation of all security measures **shall** be able to provide evidence that the selection was been made in accordance with the appropriate information security standards ISO27001/27002, Physical Security advice taken from the Centre for the Protection of National Infrastructure (CPNI), and Government Functional Standard - GovS 007: Security.

The constantly changing security landscape has necessarily dictated that Physical Security measures be constantly reevaluated and tested to meet new threats and other emerging vulnerabilities. This policy and subsequent supporting standards is subject to annual review or more frequently if warranted.

Physical security advice

Physical security advice can be obtained by contacting Security team.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Access control

User responsibilities

Protecting social media accounts

Hostile attacks on Social Media accounts pose a serious threat to the Ministry of Justice (MoJ) and its reputation. When attacks happen, they quickly become headline news, and can happen to any account, anywhere in the world.

Two types of attacks are common:

- Attempts to render the account useless by 'bombarding' it with messages.
- Attempts to 'take over' the account.

Steps we can all take to protect ourselves Ensure our passwords are secure

Passwords are the main protection on our accounts, hence ensuring they are secure is vital. The NCSC has produced guidance on making secure passwords - the summary of which is that picking three random words to make a password (for example RainingWalrusTeacup) is a good policy for securing Social Media accounts.

Check your email details are up-to-date

Most of the time, the first indication you'll have that something is wrong is when an email is sent to you. This could be to let you know that someone is attempting to log into your account, or that someone is trying to reset your password, or more worryingly, that a new device has logged into your account. Hence it is important that you ensure that your email details are up-to-date, and that your email is secure.

Enable Two Factor Authentication

Two Factor Authentication (2FA) involves requiring a random code to be entered before being logged in. These codes are either sent to the user via SMS or email, or generated every 30 seconds by an app or device the user has which relies on a seed key provided by the service. That seed can then be shared amongst a team, allowing for multiple owners or contributors.

If at all possible, SMS generation should be avoided, as it is theoretically possible for phone numbers to be taken over through various attacks, as well as meaning that only one person can receive the code, which isn't ideal if a team is working on a single account.

If you're using email, then it can be sent to a group account, which also allows for multiple owners or contributors but it's important to ensure that the email is also protected by 2FA.

If you have a spare 10 minutes, watch this video for an excellent explanation of how 2FA works and why it's important to have it enabled.

Click the links for details on how to activate 2FA for Facebook, Twitter and Instagram.

Only use trusted third-party applications

In addition to the official applications, there are many tools and third-party applications that might be used to work with social media accounts.

Some of these tools provide useful extra facilities, such as 'scheduled' posts, or helping you post one message to several different social media channels.

The problem is that you have to give your account details to these tools so that they can post to your account.

This is potentially very dangerous:

- An application might post messages on your behalf, that you do not agree with or are unacceptable.
- An application might store or share your account details.

Only use applications that are trusted and approved for use with your social media accounts. For help with this, contact Cyber Security.

Remove 'unused' applications

People tend not to be very good at removing old or rarely used applications. Older applications should be checked regularly to find out if there are any updates.

A good habit is to check your applications once a month or so, and consider:

- Do you still use the application? If not, remove it.
- Whether there is an update available for the application? If so, install it.

As well as increasing safety, removing unused applications frees up storage space on your system.

Check your privacy settings

The whole point of a social media account is to share information. But that doesn't mean you want to share *everything*.

When you first create a social media account, you are normally asked to decide on the privacy settings. These control how much information you share, and who you share it with.

Typical settings that affect privacy include:

- · General information about you.
- Your Profile information and photo.
- · When you were last active.
- Any status updates.
- Whether you have read direct messages ("Read Receipts").
- · Whether others can add you to their groups, possibly without your knowledge or agreement.

But it's very easy to forget to check the settings, from time-to-time, to make sure they are still correct.

A good habit is to check your account privacy settings once a month or so. Information on privacy settings is available for the main social media environments:

- Facebook
- Instagram
- Twitter
- WhatsApp

For example, in WhatsApp, to prevent someone adding you a group without your knowledge, change your settings: **Settings** > **Account** > **Privacy** > **Groups** > **My Contacts**. This change means that only people you know (your contacts) can add you to a group.

Limit access to your accounts

You might be tempted to share access to your social media account, for example if you want to have postings regularly, even while you are away.

Avoid sharing access to your social media account. It's easy to forget who the details are shared with. It's also possible that postings might be made on your behalf that you don't agree with, or are not acceptable.

Any MoJ social media accounts that do need to be shared will have proper access controls in place. You should never need to share your account details for work purposes.

If you need more help on this, contact your Line Manager or Cyber Security.

Don't click on suspicious links

Unfortunately, social media postings are a common way of sending you links to malware or other problem material. Postings might also be used to send you 'phishing' attacks.

In the same way that you should be careful with any links or attachments sent to you using email, you should also be suspicious of links or attachments sent to you though social media. This applies to both general postings and messages sent directly to you ('Direct Messages').

For more information, read this article on the MoJ Intranet.

What to do if your account is bombarded Remember that these attacks are short lived

Due to the amount of organisation and effort required to coordinate such an attack, they do not last long, and like an intense inferno, will soon burn themselves out.

Do not respond to the attack

These attacks are designed to attack the person controlling the account as well as the agency itself. By only responding to messages not involved in the attack - especially those trying to share positive messages, the attackers will run out of interest far sooner than if you engage them. If they are posting harmful or threatening messages, report the accounts.

In a single sentence - "don't feed the trolls".

Feel free to walk away

Dealing with these attacks can be emotionally draining; even just reading the messages can have a far greater impact on you than you realise. Take breaks in the event of an attack, even if it's hard to - consider going for a walk to force yourself away.

Cyber Security Advice

Cyber Consultants and Risk Advisors

Email: security@justice.gov.uk

• Slack: #security

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

System and application access control

Password Managers

Ministry of Justice (MoJ) guidance makes clear that you should have different passwords for different services. These passwords must be complex.

But how do you remember all these different passwords?

The simplest way is to use a Password Manager. If you have lots of different, and complex, passwords for all your accounts, using a password manager makes life much easier.

This article provides guidance on using password managers within the MoJ.

Password managers and vaults

A password manager stores sensitive information in an encrypted form. Password managers are sometimes called password vaults.

In the MoJ, password managers are tools that you might use for your personal accounts. Password vaults are tools that a team of people might use to look after details for shared accounts.

Password vaults usually have extra strong access controls, such as hardware tokens.

Here, we use password manager and 'password vault interchangeably, except when stated otherwise.

When to use a password manager or a password vault

The following table shows when you might use a password manager or vault:

Scenario	Tool	Notes
Single user, personal accounts	Password manager	For accounts that only you use, or have access to, then you would probably store the details in a password manager. An example would be storing the username and password for your work email account; only you should have access.
Multiple users, shared accounts	Password manager or password vault	Some accounts might be shared between a group of users. For example, a team might need to know the password for an encrypted document. If the access required is for a sensitive or operational system, then a more heavily protected tool such as a password vault might be appropriate.

Scenario	Tool	Notes
System access, no human use	Password vault	Some MoJ systems need to 'talk' directly to other systems. No humans are involved in the conversation. The passwords protecting these communications can - and should - be extremely complex. A strongly secured password vault would be ideal for this purpose.

Best practices

The NCSC is very clear:

• "Should I use a password manager? Yes. Password managers are a good thing."

This is helpful for us in the MoJ, as much of our IT Policy and guidance derives from NCSC best practices.

Good password managers

A password manager should never store passwords in an unencrypted form. This means that keeping a list of passwords in a simple text file using Notepad would be A Bad Thing.

Good password managers encrypt the passwords in a file using strong encryption. It shouldn't matter where you store the encrypted file. Storing the list "in the cloud" lets your password manager access the data from any device. This is useful if you are logging in from a laptop, or a mobile device. Storing the passwords locally means the password manager works even when offline.

A good password manager will have:

- Strong encryption for the list of passwords.
- Network access for encrypted lists stored in the cloud.
- A dedicated app but also a pure web browser method for working with your password list.
- · A tool to generate passwords of varying complexity.
- The ability to fill in login pages.

What password manager to use

In the NCSC article, they are very careful not to identify or recommend a password manager. This ... caution ... is the reason why we don't say much about password managers within the MoJ guidance.

There are several password managers used within the MoJ. KeePass and 1Password are probably the most popular for personal or team passwords. To determine whether a particular password manager is suitable for work usage, check the General app guidance.

Example password vaults would be Hashicorp Vault, Kubernetes Secrets or AWS Key Management.

For individual use, have a look at 1Password. Try it out. When you decide on a password manager, request approval from your line manager to install and use it: "I'm planning to install and use XYZ to manage my passwords, is that OK?".

Refer also to the Using 1Passwords guidance.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Passwords

This article provides guidance on passwords and Personal Identification Numbers (PINs) within the Ministry of Justice (MoJ). It helps you protect MoJ IT systems by telling you about choosing and using passwords and PINs. Whenever you encounter the word "system" here, it applies to:

Hardware, such as laptops, PCs, servers, mobile devices, and any IT equipment.

- Software, such as the Operating System, or applications installed on hardware, or mobile device applications (apps).
- Services, such as remote databases or cloud-based tools like Slack.

This guidance is for all users.

Note: Except where stated, the guidance in this article applies to both passwords and PINs.

General best practices

Note: This section applies to passwords and PINs.

You **shall not** share your password or account details with anyone, unless you have documented approval to share from your Line Manager or higher senior manager.

If a system or another person provides you with a password, change it before doing any MoJ work on that system. Examples of 'single-use' passwords include:

- Your own account on a work-provided laptop.
- A shared account for accessing a data analytics service.
- All supplier or vendor supplied accounts.

You **shall** change a password whenever:

- There has been a security incident involving your account or password. For example, someone guessed your password, or you used it on another account.
- There was a security incident with the service that you access using the password. For example, if someone broke into the system that provides the service you use.
- Your line manager or other authorised person tells you to do so.

When required to change a password, you **shall** do so as soon as possible. If you don't change the password soon enough, you might be locked out of your account automatically. The following table shows the maximum time allowed:

Type of system	Maximum time to change a password
Single-user systems, such as laptops	1 week
All other systems	1 day

Best password practices for everyone

Note: This section applies to passwords only, not PINs.

The MoJ password guidance follows NCSC guidance. The NCSC recommends a simpler approach to passwords. Some agencies or bodies might have specific requirements or variations. Check your team Intranet or ask your Line Manager for more information.

Follow the CyberAware advice to generate your passwords. Always use a separate and unique password for each account or service.

The most important points to remember are that passwords should be:

- At least 8 characters long.
- No more than 128 characters long.
- Not obvious.
- Not a dictionary word. A combination of dictionary words might be suitable, such as "CorrectHorseBatteryStaple".
- Unique for each account or service.

Best PIN practices for everyone

Note: This section applies to PINs only, not passwords.

Some devices, especially mobile devices, only support numerical passwords, or Personal Identification Numbers (PINs).

If the device supports passwords, then passwords **should** be used rather than PINs.

If the device supports only PINs, you should:

- Always use a separate and unique PIN for each account or service.
- Ensure the PIN is at least 4 characters long.
- Avoid using obvious PINs, such as 1234.
- Avoid using repeating digits in the PIN, for example 0000 or 9999.

App-based password protection for files

Some applications - including Microsoft Office tools such as Word, Excel, and Powerpoint - provide mechanisms for protecting files. A password controls whether someone can open, or edit, a file.

While these app-based password protection mechanisms are better than nothing, there are three good reasons for avoiding them if possible.

- 1. You depend on the application to provide and maintain strong password protection. If the password implementation fails, or has a weakness, you might not know about it. This means that you might think your information is protected, when in fact it is at risk.
- 2. It is tempting to use a standard password for protecting a file within the app, so that other people can share and work with the file. Changing the password becomes "inconvenient". The result is that many versions of the data file are all protected with the same password. Also, if anyone has ever been given the password to access the file, they will always be able to access the file.
- 3. If you forget the app-based password, there might not be a recovery process available to you.

For these reasons, MoJ advice is that you **should not** use password tools within an app to protect data files that are processed by the app. For example, you **should not** use the password tools with Microsoft Word, Excel, or Powerpoint, to protect MoJ information within files. Instead, either:

- 1. Store the data files in a shared but secure area, such as the MoJ SharePoint storage facility.
- 2. Use separate encryption tools to protect data files, separate from the app that works with the data files.

Of these two options, storing data files in a shared but secure area is strongly preferred. The reason is that you can add, modify, or revoke access permissions to the storage area easily.

If you have no choice, and have to use app-based password protection, ensure that the same password is not used indefinitely for a data file. You **should** use a different password for:

- Each major version of a data file, for example version 2.x is different to version 3.x.
- Any data file where the password is more than three months old.

Note: This advice is a specific exception to the general guidance, that you do not normally need to change passwords.

Password expiry

You don't have to change a password because it is old. The reason is that time-expiry of passwords is an outdated and ineffective practice.

Some current or legacy systems don't allow passwords that follow MoJ guidance. For example, some mobile devices, laptop hard drive encryption tools, or older computers might not be able to support a mix of character types. For such systems, choose passwords that are as close as possible to MoJ guidance.

Password managers

Use a password manager to help you keep track of your passwords.

These are tools that help you create, use, and manage your passwords. A useful overview is available here.

As passwords become more complex, and you need to look after more of them, it becomes increasingly necessary to use a password manager. For example, development teams in MoJ Digital & Technology use 1Password.

You still need to remember one password. This is the password that gets you into the manager application. Once you have access, the application works like a simple database, storing all the passwords associated with your various accounts and services. Some managers have extra features, such as password generators. Some managers can even automatically fill-in username and password fields for you when during log in.

The password manager database is often stored in the cloud so that you can use it anywhere. The database is encrypted, so only you can open it. That's why your single password key is so important. Without it, you can never get access to the password database again.

Using a password manager for your MoJ account and service details is recommended.

You can find additional useful information about password manager tools here.

Default passwords

Change all default passwords when a new, modified, or replacement system arrives. Complete the changes before making the system available for any MoJ work.

When preparing devices or services for first use, system developers or system administrators **shall** configure the default password on the device or service so that it can be used once only. The "first use" of a password forces the user to change the password before the device or service can be used.

Password access attempts

If a password is ever entered incorrectly, a count starts. After at most 10 (ten) consecutive failed attempts at using the correct password, access to the account or system is locked. A successful use of the password resets the count to zero again.

Password reset

If a password lock occurs, a reset is necessary. This requires action by the system administrator or the MoJ IT Service Desk. The process should be like issuing the password for the first time. Other account details are not changed during the reset. This helps avoid losing any work. Checks ensure that an attacker cannot use the password reset process.

Blocking bad passwords

You should not try and use obvious passwords. Attempts to do so will be blocked.

Single-use passwords

Some passwords are 'one time' or single-use. Administrators and developers use these to grant access to a service for the first time. After using the password once, the user **shall** immediately change the password.

Single-use passwords are time limited. If they are not used within a specific time after generation, they **shall** become invalid.

The following table shows the valid lifetime of a single-use password:

Type of system	Lifetime of a single-use password		
Single-user systems, such as laptops	1 week		
All other systems	1 day		

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Using 1Password

What is 1Password?

1Password is an online password management tool that we make available to you to help you create, store and share passwords. Using it means you no longer need to remember dozens of passwords, just a single primary password. It keeps all your website logins protected, helps with creating new 'strong' passwords and password sharing when required.

1Password is available as a browser extension for popular browsers, as well as a full software suite (for use outside of browsers) for Microsoft Windows and Apple macOS.

1Password securely saves your credentials in your own 'Vault' and then offers to autofill those credentials the next time you need them.

The Ministry of Justice (MoJ) has the Business tier of 1Password.

Who should use it?

Currently, MoJ 1Password accounts can be requested by service or operations teams that have a need for shared passwords.

How to get it

Contact the Operations Engineering Team through their Slack Channel, #Ask-Operations-Engineering, or email Operations Engineering to request access.

Make sure you include in your message:

- · which team you're in
- · your role in your team
- · why you need access

What it can be used for

1Password can be used for sharing passwords within a team, when individual named accounts cannot be created in the service. A good example is running a shared Twitter account.

Note: If you have a business need for a shared Twitter account, consider using a more enterprise-orientated tool for social media posting, such as TweetDeck or Hootsuite. You need formal approval to use tools like these.

Personal use

You **should not** use your MoJ 1Password account to store personal non-work information as it is a work account belonging to the MoJ. You may lose access if you change role. You will lose access entirely if you leave the MoJ.

Operations Engineering cannot routinely access the contents of vaults but can reset accounts to gain access if there is a good reason to do so.

What it shouldn't be used for

1Password **should not** be used for storing personal passwords, or for storing MoJ documents. Use existing approved MoJ services such as Office 365 or Google Workspace for storing MoJ documents.

You **should not** use 1Password for 'secrets' that belong to systems, only credentials to be used by humans.

How to use it Getting started

You will be sent an email to your MoJ work email account inviting you to create your account. 1Password have 'getting started' guides on their website.

Creating your primary password

You need to create a primary password - this is the only password you'll need to remember.

It **shall** be at least 14 characters long (the longer the better).

You can choose to make it pronounceable and memorable (passphrase) such as CyberSecurityRules! or Sup3rD00p3rc0Mp3X!, as long as you're comfortable remembering it and won't need to write it down.

There are password guidance standards here.

Your primary password shall be unique and you should not use it anywhere else (including a similar version, for example, by simply adding numbers to the end)

Multi-Factor Authentication

You shall setup multi-factor authentication (MFA, sometimes known as 2FA) for your MoJ account.

1Password has a guide on setting up MFA.

If you don't have an MoJ-issued work smartphone you may use a personal device for MFA.

Sharing passwords

To share a password, create a Vault.

You **should** make sure the credentials you're sharing are only available to the people who need to access them for MoJ work. It is your responsibility to remove items or people from vaults when access to the credential(s) is no longer required.

You **shall not** share your 1Password main password with anyone, even your line manager or MoJ security.

Using it overseas

Taking a device (such as personal smartphone) that has MoJ 1Password installed counts as travelling overseas with MoJ information.

The MoJ has existing policies on travelling abroad on the MoJ intranet, which require various approvals before travel.

It may be simpler to 'log out' of the 1Password applications or enable Travel Mode to remove vaults from your devices. These can be reinstated when you return to the UK.

Keeping 1Password update to date

Like all software, it is important to keep the software up to date (sometimes known as 'patching'). 1Password software generally self-updates to the latest version by itself, however make sure you approve or apply any updates if 1Password asks you to.

Need help?

If you need help installing 1Password contact the relevant MoJ IT Service Desk.

If you need help using 1Password such as getting access to vaults or resetting your primary password as you have forgotten it, contact Operations Engineering Team through their Slack Channel, #Ask-Operations-Engineering, or email Operations Engineerings.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Physical and environmental security

Equipment

Clear screen and desk

There are many helpful policies and best practices that improve Ministry of Justice (MoJ) safety and security.

Note: In addition to this advice in this document, you should review and follow the guidance in the remote working guidance, for example thinking before you print.

Clear screen

Users **shall** comply with the following:

- MoJ equipment shall not be left logged on when unattended. Users shall ensure that password-protected screensavers are activated when any equipment is left unattended.
- Computer screens **shall** be angled away from the view of unauthorised persons.
- Computer security locks shall be set to activate when there is no activity for a short pre-determined period of time. This timeout **should** be set to 5 minutes, by default. The screen lock **can** be manually activated when required.
- Computer security locks shall require passwords to be re-entered to reactivate the computer.
- Desktops and laptops should be shutdown if you expect to be away from them for more than half an hour.
- Users **shall** log off or lock their computers when they leave the room.

A best practice is to keep your screen 'desk top' tidy:

- · Avoid leaving files on your desk top where the name might attract attention. For example, having a file on your desk top called MyPasswords. docx is a bad idea, for several reasons!
- Avoid having files or information labelled **Sensitive** displayed or stored on your desk top.

Clear desk

Users shall comply with the following:

- Where possible, paper and computer media **shall** be stored in suitable locked safes, cabinets or other forms of security furniture when not in use, particularly outside working hours.
- Where lockable safes, filing cabinets, drawers, cupboards, or similar secure storage areas are not available, doors shall be locked if rooms are left unattended. At the end of each session all Official and Official-Sensitive information shall be removed from the work place and stored in a locked area.
- When handling Official documents security shall follow the requirements laid down in the Government Classification Scheme (GCS).
- Official or Official-Sensitive information, when printed, should be cleared from printers immediately.

Think before you print.

It is good practice to lock all rooms and office areas when they are not in use.

Information left on desks is also more likely to be damaged or destroyed in a disaster such as fire or flood.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Equipment Reassignment Guide

Introduction

This guide describes how to reassign equipment. It applies to laptops, mobile phones or other Ministry of Justice (MoJ) issued equipment. Reassignment is from one user to another.

Who is this for?

This guidance applies to:

1. Technical users: these are in-house MoJ Digital and Technology staff. They are are responsible for implementing equipment controls. The controls apply throughout technical design, development, system integration, and operation. This includes DevOps, Software Developers, Technical Architects, and Service Owners. It also includes Incident Managers from the Event, Problem, Incident, CSI, and Knowledge (EPICK) Team.

- 2. Service Providers: defined as any other MoJ business group, agency, contractor, IT supplier, or partner who in any way designs, develops, or supplies services (including processing, transmitting, and storing data) for, or on behalf of the MoJ.
- 3. General users: all other staff working for the MoJ.

"All MoJ users" means General users, Technical users, and Service Providers.

Returning Equipment

When a project completes, or a colleague leaves or moves to a new role, equipment no longer required shall be returned. The Line Manager (LM) is responsible for using the Service Catalogue to request a return of the item. The equipment might then become available for use by other employees. It might not be cost-effective to consider reusing or reassigning the equipment. Possible reasons include:

- Older technology that might have been heavily used.
- The likelihood of operating problems and failures.
- Lack of support, updates, or patches.
- Slower performance.

As a result, it might be preferable to use a new machine, rather than repurposing a reassigned device. The decision depends on the expected use of the reassigned device.

The LM is responsible for ensuring a review of the equipment. This is to ensure that sensitive data **shall not** be lost by erasing the contents of the device. This task can be delegated to the team member most familiar with the data. The LM remains responsible. Any sensitive data identified shall be copied and relocated to a secure location. This can be the MoJ Teams facility or to Sharepoint. This shall happen before the device is made ready for reuse or destroyed.

Any IT equipment which is no longer needed, or has reached its "end of life" shall have its data securely deleted and confirmed to be unreadable and unrecoverable before destruction, redistribution, or reuse of the equipment.

Equipment Reassignment

Equipment can not be passed from one user to another without being formally reassigned.

Equipment shall be completely "cleaned" to an "as-new" state before it is reused or reassigned. This means that all storage media in the device shall be fully erased. A sufficiently secure method for "wiping" equipment shall be used. Deleting visible files, emptying files from the "Recycle Bin" of a computer, or reformatting a device are not considered sufficiently secure methods for wiping equipment. The reason is that data recovery software might be used by a new owner to "undelete" files or "unformat" a device.

To erase data securely, use appropriate "data-shredding" tools for the media being erased. Typically, these tools do not simply delete data, they overwrite it multiple times. The overwriting erases all traces of the data, making it almost impossible for any retrieval. Another option is to re-encrypt the device using a different password, then delete the data to free up space.

Equipment reassignment **shall** be recorded by the LM in the appropriate asset register.

Equipment that cannot be reused

If IT assets are no longer needed by the MoJ, and cannot be securely wiped, then the equipment might need to be destroyed physically. More information can be found at Secure disposal of IT equipment

Regrettably, for security reasons, redundant IT equipment should not be donated to charities, schools, or similar organisations.

Leased equipment

Managers should ensure that any equipment that is leased has a data destruction clause written into the contract. Under such an arrangement, the supplier **shall** ensure that data is wiped when it is returned.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Laptops

The guidance applies to all Ministry of Justice (MoJ) staff.

Related information

Lost devices or other IT security incidents on page 121

Storing data on laptops

If you need to store data on your computer you should always remember to move it into:

- 1. Your local Electronic Document and Record Management (EDRM) system.
- 2. An MoJ shared drive.
- **3.** Your MoJ-provided 'home' drive.

Do this as soon as you can next connect to the MoJ network.

Where data should be saved when using a laptop

It is best to avoid saving any data on a laptop hard drive. However, if you absolutely must, you should always remember to copy or move the data to the MoJ network as soon as you next can connect to it, either via secure remote access or by direct connection.

In order to avoid potential data loss, save data in:

- 1. Your local Electronic Document and Record Management (EDRM) system.
- 2. An MoJ shared drive.
- **3.** Your MoJ-provided 'home' drive.

There is a better chance of recovering lost data if you have saved it to the MoJ network, as data stored on the MoJ network is backed up daily.

The impact of hard drive failures

Hard drive failures can lead to the irrecoverable loss of data. Any data loss can have security implications for the MoJ, and a significant impact on:

- Our business opportunities.
- · Our reputation.
- Our ability to deliver services to the public.

If you experience any issues with your laptop or IT service, ask for help.

For more information about the main security issues that are likely to affect remote and mobile workers, refer to the remote working guide.

How to reset your password

To reset your password, you will need to contact the IT Service Desk. They will carry out checks to confirm your identity. This might include asking your line manager or court manager to confirm your identity, by sending an email to the IT Service Desk. Once your identity is confirmed, your password will be reset and you will quickly regain access to your laptop.

General enquiries, including theft and loss

Technology Service Desk - including DOM1/Mojo, and Digital & Technology Digital Service Desk. Use one of the following two methods for contacting service desk:

Tel: 0800 917 5148

· MoJ Service Portal and Live Chat

Note: The previous itservicedesk@justice.gov.uk and servicedesk@digital.justice.gov.uk email addresses, and the Digital & Technology Digital Service Desk Slack channel (#digitalservicedesk), are no longer being monitored.

HMPPS Information & security:

Email: informationmgmtsecurity@justice.gov.uk

Tel: 0203 334 0324

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Locking and shutdown

The Ministry of Justice (MoJ) has made a commitment towards sustainable IT. The intentions are:

- To reduce overall power consumption for the MoJ by switching off machines and saving energy.
- To reduce the MoJ's overall carbon footprint.

Shutting down a desktop computer

- Close all applications.
- Shut down the computer by clicking the 'Start' button at the bottom left hand corner of the screen. Next, click 'Shut
- A pop-up box will appear with a drop-down box. Select 'Shut Down' and click 'OK'. After a short delay, your computer will automatically shut down.
- · Switch off your monitor screen.

The benefits

By switching off our computers at the end of each working day, we are contributing towards being energy efficient and environmentally friendly. We are all responsible for our own Carbon Footprint. So, please switch off your PC monitor along with your desktop computer at the end of each working day. In addition, please switch off any other PC monitors if you notice they too have been left on overnight.

Dealing with issues preventing you from switching off your computer

If there are any issues preventing you from switching off your desktop computer overnight, then please raise this with the IT Service Desk immediately as there could be an underlying fault that needs resolving.

If you require any further information regarding this policy, ask for help.

Locking your computer sessions

Access to most computer systems is controlled by a user name and password. If you have the correct information, you are able to 'log in' or 'log on'. The user name identifies the user as a valid user of the system and the password authenticates that the user is who they say they are.

You are responsible for what you do with an MoJ system or service. You might be held responsible for any actions carried out using your user name and password. You must therefore not allow any one else to do work on any system using your user name and password. If you leave your computer logged on when you are away from it, it might be possible for sensitive information held on the computer system to be used, read, changed, printed or copied by someone not authorised to access it.

If you are leaving your computer unattended for a short period of time, 'lock' the computer by activating the password protected screen saver or similar 'locking' facility. A simple and quick way to lock a Windows computer is:

- 1. To LOCK press the Windows key and L key, at the same time.
- 2. To UNLOCK press the Ctrl, Alt and Delete keys, at the same time, then log in as normal.

- 1. To LOCK press the Ctrl, Cmd and Q keys, at the same time.
- 2. To UNLOCK move the mouse or press any key, then log in as normal.

Laptops

All MoJ laptops have hard disk encryption installed. This protects the entire contents of a laptop's hard disk drive to prevent any data stored locally from being accessed in the event the laptop is either lost or stolen.

Laptop incidents

Investigations into security incidents indicate that a common reason for problems is where the correct security procedures are not being followed. For example, laptops are being left logged on overnight.

This is not good security practice.

If a device is lost or stolen whilst the machine is in locked mode, the data on the machine is more vulnerable to a potential security breach.

Leaving the laptop in MoJ premises is not sufficient to guarantee the equipment's security. Laptop losses do sometimes occur within MoJ offices. There is a greater risk of data loss when a laptop is left partially logged on overnight, so you should always fully log off the laptop at the end of your working day.

Laptop security

- Switch off the machine completely at the end of each usage.
- Do not attach the password to the machine or keep the password with the machine.

If you need further assistance or information about this process, ask for help.

General enquiries, including theft and loss

Technology Service Desk - including DOM1/Mojo, and Digital & Technology Digital Service Desk. Use one of the following two methods for contacting service desk:

- Tel: 0800 917 5148
- MoJ Service Portal and Live Chat

Note: The previous itservicedesk@justice.gov.uk and servicedesk@digital.justice.gov.uk email addresses, and the Digital & Technology Digital Service Desk Slack channel (#digitalservicedesk), are no longer being monitored.

HMPPS Information & security:

- Email: informationmgmtsecurity@justice.gov.uk
- Tel: 0203 334 0324

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Policies for MacBook Users

Any User of an Ministry of Justice (MoJ)-supplied MacBook must ensure they comply with this policy, to ensure that security is not compromised when using these devices.

These Policies are supplementary to the GOV.UK and MoJ Enterprise policies, procedures and guidance.

If you are unsure about any of the requirements or content, ask for help.

Policies

You must not share your login details or password with anyone under any circumstances.

- You must change your password if you suspect it has been compromised, or if instructed to do so by your line manager or other authorised individual.
- You must not attempt to access any other person's data unless you have been authorised to do so.
- You must only collaborate with authorised personnel.
- Get help if you are subjected to any security incident, or suspect you might be.
- You must logoff or lock your computer when leaving it unattended.
- You must keep your MoJ Digital& Technology equipment close to you and in sight at all times when in public
 areas.

Top things to remember

You are responsible and accountable for the security of your MoJ equipment at all times.

If you don't think you should do something, you probably shouldn't. If in doubt, always seek advice.

General enquiries, including theft and loss

Technology Service Desk - including DOM1/Mojo, and Digital & Technology Digital Service Desk. Use one of the following two methods for contacting service desk:

- Tel: 0800 917 5148
- · MoJ Service Portal and Live Chat

Note: The previous itservicedesk@justice.gov.uk and servicedesk@digital.justice.gov.uk email addresses, and the Digital & Technology Digital Service Desk Slack channel (#digitalservicedesk), are no longer being monitored.

HMPPS Information & security:

- Email: informationmgmtsecurity@justice.gov.uk
- Tel: 0203 334 0324

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Operations security

Protection from malware

Ransomware

Ransomware is a type of malicious software created or used by cyber criminals. It prevents people or businesses from accessing their own data. The software takes hold of the data, holding it "hostage", until a ransom payment is made to release it.

Preventing Ransomware from taking hold of information

- Store all your information in official Ministry of Justice (MoJ) systems. This is general best practice, and also minimises the risk of the data being accessed by the hackers.
- Use a secure antivirus and firewall software. All official MoJ systems have these installed as standard.
- Use a trustworthy VPN when accessing public networks through wifi, for example when working remotely in a coffee shop. All official MoJ systems have a suitable VPN installed as standard.
- Ensure your laptop computer is updated regularly. All official MoJ systems do this for you automatically, as standard.

- Use multi-factor authentication (MFA) methods. Most MoJ systems support MFA, but you might have to enable it
 yourself.
- Do not provide any personal information to unknown contacts.
- · Avoid insecure apps or websites.

Things to look out for if you suspect you have become victim to a ransomware attack

- Unable to open documents.
- Suspicious file names. Files encrypted by ransomware tend to end with .crypted or .cryptor, rather than the more typical names such as .docx, .pdf, or .jpeg.
- An unrecognised pop-up screen prevents access to your computer.

What to do if you think a ransomware attack is affecting your system

In the event of a ransomware attack, or if you have suspicions one may be taking place, the first thing to do is to contact your local IT Service Desk.

With your help, the IT team attempt to determine which systems have been impacted, and can isolate them immediately. You might be asked to disconnect all your devices from the network or wifi connection, to prevent a further spread of attacks throughout the business.

Incidents and contact details

Note: If you work for an agency or ALB, refer to your local incident reporting guidance.

For help with incidents, including theft and loss, contact one of the following:

Technology Service Desk - including DOM1/Mojo, and Digital & Technology Digital Service Desk. Use one of the following two methods for contacting service desk:

- Tel: 0800 917 5148
- MoJ Service Portal and Live Chat

Note: The previous itservicedesk@justice.gov.uk and servicedesk@digital.justice.gov.uk email addresses, and the Digital & Technology Digital Service Desk Slack channel (#digitalservicedesk), are no longer being monitored.

HMPPS Information & security:

- Email: informationmgmtsecurity@justice.gov.uk
- Tel: 0203 334 0324

For non-technology incidents, contact the Security team

Contact the Data Protection Team for information on Data Protection Impact Assessments: DataProtection@justice.gov.uk

If you are not sure who to contact, ask the Security Team:

- Email: security@justice.gov.uk
- Slack: #security

For any further questions relating to security, contact: security@justice.gov.uk.

Control of operational software

Guidance for using Open Internet Tools

This information applies to all staff and contractors who work for the Ministry of Justice (MoJ).

This guidance gives you:

• An overview of Open Internet Tools (OIT).

- A quick checklist to help you decide if you can use an OIT.
- Reasons why you might, or might not, want to use an OIT.
- Things you must think about when using an OIT, such as data protection.
- Information on who to contact if you would like help or advice.

Note: To access some of the links in this guide you'll need to be connected to the MoJ Intranet.

Overview

Open Internet Tools (OITs) are applications or services from suppliers outside the MoJ. They often have the following characteristics:

- they are general purpose. This means they are not specific to the MoJ. Other organisations can use them
- they are accessed using the Internet, usually through a web browser. This means that if you have Internet access, you are able to connect to the tools
- they have a basic 'free-to-use' version. This means that you are able to use some or all the capabilities, but with some constraints. For example, an online word-processor might limit you to 5 documents in your account
- · they have one or more 'paid for' versions. By paying for the tool, you unlock some or all the constraints

Quick checklist

To help you decide if you can use an OIT to work on an MoJ task, consider the following questions:

- is the task information subject to specific rules or requirements in your part of the MoJ?
- is the task information classified as anything other than **Official** or **Official-Sensitive**?
- does the task information include any data identifiable as being about someone?
- is this the first time anyone has used the tool for MoJ business?
- does the tool need access to your account or other data you can access? For example, does it ask to use your MoJ Google or Microsoft Office account?
- does the tool install a web-browser extension?
- is the tool a plug-in for existing OITs we use, such as Slack, Confluence, or Jira?
- could there be damaging consequences if the task information you work with using the tool is:
 - lost
 - stolen
 - · published in the media
- are you prevented from exporting all the data from the tool?
- are you prevented from deleting all the data from the tool when you finish working on the task?

If the answer to any of these questions is "Yes", you might not be able to use the OIT.

When you have all the answers, request formal approval to use the OIT from your Line Manager. Do this *before* using the OIT.

Why OITs are an opportunity

OITs offer some significant advantages for you and the MoJ, including:

- enabling you to work the way you want to, more effectively
- usually cheaper than buying or building and supporting a dedicated tool
- no need to build or support the tool
- good use of open standards, such as file formats
- reduced need to have specific hardware or software on computers
- rapid patching to address security issues
- · easy updates and deployment of new features
- a large pool of help and support
- · easy access, whenever you have a network connection
- increasing availability of some or all capabilities when disconnected from the network

OITs also pose some threats or risks, including:

- dependency on the tool and supplier
- security of access to the tool
- security of information stored within or processed by the tool
- potential difficulty of enhancing or customising the tool for MoJ-specific requirements

But as long you consider the threats or risks, and address them, OITs provide many benefits for you and the MoJ.

Summary

With careful use, OITs help you to work more effectively and efficiently. Think about them as serious and preferable options for performing tasks.

Using OITs

This guidance helps you:

- understand the conditions or constraints that apply to a tool, or a task performed using a tool
- identify and address threats or risks posed by a new tool

Privacy and personal information

Data protection legislation makes you responsible for personal information you work with. You must keep it safe and secure. In particular, you must follow data protection obligations. These include the Data Protection Act 2018 and the General Data Protection Regulation (GDPR).

Don't use OITs for storing personal data until you have addressed the need to get consent first. Check if using the OIT might need an update to existing privacy policies or notices. Don't use OITs if unlawful disclosure of the information they process might cause damage or distress.

Data protection legislation might also limit *where* you can process personal data. An OIT should have a privacy statement that describes where it stores or processes data. Be ready to contact the OIT provider for more information about this aspect of their service.

Be sure you can fulfil your data protection responsibilities when using an OIT. It might be helpful to complete a Privacy Impact Assessment (PIA).

Complying with personal information requirements can be complex. Don't hesitate to ask for advice: DataProtection@justice.gov.uk

Classification and security

An OIT can only store or process information classified at Official level.

Think about the MoJ information you work with. What would happen if you lost it, or it's stolen, or published in the media? Suppose the information was overheard in a cafe, or read from your screen on a crowded train. Could there be damaging consequences? If the answer is "No", then it's probably OK to use OITs to store or send that information.

Think also about information moving across the Internet. The data might be safe within the MoJ and in an approved OIT. But what about the connection between the two? Sending information might involve insecure networks. Be aware of the security implications. Check that enough suitable security measures are in place to protect the information. For example, check for encryption of network connections using SSL/TLS. A simple way to do this is to look for the secure connection indicator in your web browser:



You have a duty of confidentiality and a responsibility to safeguard any HMG information or data that you access. This is Principle 2 of the Government Security Classifications. The MoJ trusts you to work with **Official** information. In the same way, you're trusted to make a reasoned judgement about whether it's safe to use an OIT.

Note: You should submit the request, and wait for a formal "approval" response, before you install or use the app on MoJ equipment or information.

If you have any questions about the process, ask for help.

Getting help

For further help about aspects of using OITs within the MoJ, contact:

Subject	Contact		
Classification and Security	MoJ Cyber Security team		
Storage and Data Retention	Departmental Library & Records Management Services (DLRMS)		
Information Assurance	Compliance and Information Assurance Branch		
Personal Data	Disclosure Team		

Communications security

Information transfer

Bluetooth

This guidance helps you use Bluetooth enabled devices and peripheral devices.

Related information

Personal devices on page 30

Overview

Bluetooth is a very short range wifi technology. In everyday terms, Bluetooth devices can 'talk to each other' if they are very close, for example in the same room. This makes Bluetooth really good for wireless devices, for example a telephone headset, or a mouse or keyboard.

Bluetooth works by 'pairing' devices. This makes it quick and simple to use. The problem is that Bluetooth, and the pairing process, is not very secure. This means that attackers might get unauthenticated access to devices. As an example, an attacker 'listening' to the Bluetooth connection between a computer and a keyboard could possibly intercept passwords or other sensitive information as the details are typed on the keyboard.

This guidance tells you more about the Ministry of Justice (MoJ) view of Bluetooth, from a security perspective. It also gives you hints and tips on how to use Bluetooth more safely.

The aim is to help you maintain the Confidentiality, Integrity and Availability of MoJ data, applications and services. The results should be that:

- the information you access is not compromised
- you can connect devices using Bluetooth, safely
- you are aware of the problems around Bluetooth, and can take the necessary safety precautions

Note: Remember that there might be local rules that apply regarding the use of Bluetooth devices. A good example is in Prisons, where use of Bluetooth would not be available by default. Ensure that you check with local requirements.

Automatic transfer of contact information and calendar events might happen during the pairing process. The resulting transferred data is accessible to any third party who subsequently pairs their mobile device to the vehicle.

Additionally, although such platforms usually offer an option to delete paired profiles, there is currently no confirmation that the data is actually erased to a satisfactory level. Transferred information might not be immediately visible or accessible, but this is not the same as deleting the information from the vehicle.

For these reasons, MoJ devices **shall not** be paired with Bluetooth-enabled vehicles.

Best practices for using Bluetooth

Before using a Bluetooth device in a work context, consider the following:

- What is the business case for using the Bluetooth device?
- What data might be or will be access through, or using, the Bluetooth device?
- Does the Bluetooth device have the latest patches and fixes applied where possible?
- Was the Bluetooth device purchased from a reputable vendor?
- Does the Bluetooth device require a PIN code or similar before connecting?
- Are the Bluetooth devices 'discoverable'?
- Have you connected to any other 'public' Bluetooth devices?
- Are all the devices password protected?
- Might someone be able to find out what Bluetooth devices you are using?
- Is the material you are working with **Official-Sensitive** or higher?

The best way to ensure your Bluetooth device is as up-to-date as possible is to apply all patches and fixes for all hardware devices as soon as you can.

Bluetooth is a very cheap and simple technology. This means that it is often included in extremely cheap devices; often these use old versions of technology or are not provided with patches and fixes. The best thing is to obtain any Bluetooth devices from reputable vendors, so that it is more likely the device will be supported and maintained correctly.

Many Bluetooth devices try and make connection as easy as possible by enabling 'Direct Connection'. This often means that you only need to 'find' a Bluetooth device on your 'phone or laptop, then click once for a connection to be established. While very easy, this is not safe, because those same direct connections can also happen automatically, 'behind the scenes', without you being aware. If possible, ensure that a Bluetooth connection is allowed only when a PIN or password is supplied. This reduces the risk of 'hidden' Bluetooth connections.

Some Bluetooth devices allow you to choose whether they are 'discoverable'. For example, on Android 'phones, you can go to the Settings -> Connected devices -> Connection preferences -> Bluetooth visibility or similar. The best advice is to change the Bluetooth settings to not discoverable if you can. Only make the device discoverable when you need to connect to a trusted device.

At regular intervals, check to find out what Bluetooth devices are 'known' to your devices. Remove any you don't recognise.

When in public places, make sure you only connect to known devices. Always ensure you are in a secure and safe location such as home, office, or a known isolated place before switching on your Bluetooth.

If someone can find what Bluetooth devices you have, or are using, they might try and use one of their device to intercept or monitor the connection. Try to keep Bluetooth devices out of sight so that no-one knows which ones you might actually be using. Even the bright blue light Bluetooth devices illuminate when they are connected might draw unwanted attention.

Generally speaking, Bluetooth devices do not present extra problems when working with **Official** material. However, the whole point of Bluetooth is to enable and simplify communications, so you need to be extra careful when using Bluetooth devices while working on **Official-Sensitive** or higher material.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Overview

This document provides you with guidance for safe and secure use of email within the Ministry of Justice (MoJ).

In general, always use email in an acceptable way.

In particular:

- Never circulate messages or material that contains obscene, profane, inflammatory, threatening, harassing (racially, sexually or otherwise), and disruptive, or otherwise offensive language.
- Don't use email or other messaging systems for trivial debates or exchanges with an individual or group of people.
- Don't use MoJ email or other messaging systems for anything other than appropriate business purposes.
- Don't make statements that defame, slander or lower the reputation of the MoJ, any person or organisation.
- Don't forward email chain letters to your contacts. Instead, report them to security@justice.gov.uk.
- Be aware of unsuitable attachments, for example video clips, images, or executable files. MoJ email automatically filters many unapproved attachment types, particularly those that can contain executable files. Emails containing those attachments are likely to be quarantined and not delivered.
- Avoid excessive use of email, and sending email to large numbers of recipients. Ask yourself if it really makes sense to "Reply All"?
- Any recipients in the "To" or "Cc" fields can retrieve the addresses of all other recipients in those fields. If you are sending an email to a list of people outside MoJ, where privacy of individuals might be relevant, place your list of recipients in the "Bcc" field and set the "To" field to your own address. This ensures that none of the recipients can retrieve the identities of the other recipients.
- Keep your operating systems up to date to prevent susceptibility to viruses.
- Scan email attachments to detect viruses and other malware.

Be aware that the MoJ monitors the use of electronic communications and web-browsing. Your manager can request reports detailing your activity if they suspect inappropriate use of email or web-browsing facilities.

Ask if you want further information.

Monitoring

The MoJ monitors all email for security purposes.

Specifically, communications may be monitored without notice and on a continual basis for a number of reasons including compliance with legal obligations, effective maintenance of IT systems, preventing or detecting unauthorised use or criminal activities (including cyber-intrusion), monitoring of service or performance standards, providing evidence of business transactions, and checking adherence to policies, procedures, and contracts.

In general, the MoJ monitors telephone usage, network, email and Internet traffic data (including sender, receiver, subject, attachments to an email, numbers called, duration of calls, domain names of websites visited, duration of visits, and files uploaded or downloaded from the Internet) at a network level.

Email threats

Although email is a powerful business tool, it has problems. In this guidance, we describe some of the problems, and how you can avoid them.

Email threats often use familiar email addresses to disguise attacks, or to pose as valid emails. Email threats are becoming more frequent and pose one of the biggest problems for MoJ systems and services.

There are many possible threats, including:

- Viruses: These can be spread between computers in emails or their attachments. They can make PCs, software or documents unusable.
- Spam: This is unsolicited mail sent in bulk. Clicking on links in spam email may send users to phishing websites or sites hosting malware. Often email spam mimics the addresses of people you know.

- Phishing: These are emails disguised to look like a legitimate company or bank to illegitimately obtain personal information. They usually ask you to verify your personal information or account details. Often links will direct you to a fake website, made to look like the real thing.
- Social engineering: In the context of security, social engineering refers to manipulating people to do something or divulge confidential information. For example, you might get a call from someone pretending to be from a software supplier, claiming that a virus has been found on your PC; they demand personal details before they can remove the virus.
- Spoofing: A spoofed email is where the sender (in this case, a criminal) purposely alters part of the email to make it look as though it was from someone else. Commonly, the sender's name/address and the body of the message are made to look as though it was from a legitimate source. It is commonly used to trick the recipient into providing confidential information such as passwords, or to market an online service dishonestly, or to sell a bogus product. Check the real sender of any email you receive if you ever have any doubt or uncertainty. If the sending address is one you don't recognise, do not click on any link contained within the email.

The MoJ scans approximately 14 million messages a month for threats (figures from November 2020). Of these, we might expect to find 1.4 million "spam" messages, 150,000 "phishing" messages, and about 1,000 malware messages (including viruses). Unfortunately, not every virus or spam email will be identified and blocked. The good news is that there are some simple steps you can take to reduce the threat:

- If you are not expecting the email, do not reply to it.
- If you are at all suspicious, do not divulge your details or any sensitive information.
- · Avoid opening potential scam emails.
- Don't open unexpected attachments or click on strange links in emails, even if the email appears to be from someone you know. Check the style and content; if it isn't consistent with previous emails, it could be a scam.
- Do not reveal personal or other sensitive information in response to automatic email requests.
- Avoid sharing your business email address on the internet. These might be collected and used by automatic 'harvesting' software programs.
- Never use your MoJ email address to register for non-work related sites.

If you think you've received a scam email, or a virus, report it immediately. Do not click on any link or forward it to anyone. Only delete it from your inbox when you have been told to do so.

Further reading from the NCSC

Email security and anti-spoofing

Other email problems Auto-forward

Auto-forwarding is where you get your email system to send emails automatically to another account. This might seem very useful, especially if for some reason you can't access your normal business email account, for example while you are away on holiday.

But auto-forwarding is very risky.

You can't be certain that the forwarded emails are safe to send to the new account. For example, the new account might have weaker technical security, making it easier for a hacker to break in and read your email.

You might also be auto-forwarding emails sent to you from outside the MoJ; perhaps from another government department or commercial organisation.

When an email is sent to you, you are responsible for ensuring that everything in the email is handled correctly. This means looking after it to the standard required for that information. You mustn't send that information to another email address, where the required security standards might not be met.

Never use auto-forwarding to forward emails from your MoJ business email address to another non-MoJ email address. In particular, never forward email from your MoJ business email address to a personal email address.

Note: An external email service is any service that is outside the gov.uk domain.

There might be occasions when you have a genuine business need to auto-forward email to another email account, where the new address has the same or higher security standards. An example is forwarding from an MoJ business email address to another MoJ business email address. If you have business need for this, ask for help.

Chain letters

These are letters sent to several people who are asked to send copies to several others. They sometimes threaten that bad things will happen if the letter is not forwarded. Chain letters are a hoax.

Chain letters usually do not have the name and contact information of the original sender so it is impossible to check on their authenticity.

Legitimate warnings and solicitations will always have complete contact information from the person sending the message.

Newer chain letters may have a name and contact information but that person either does not exist or is not responsible for the hoax message.

Warnings without the name of the person sending the original notice, or warnings with names, addresses and phone numbers that do not actually exist, are probably hoaxes.

Don't circulate warnings yourself; real warnings about viruses and other network problems are issued for everyone by MoJ technical services.

Note: When in doubt, don't send it out.

Scams

Scams are "get rich quick" schemes. They make claims such as promising your bank account will soon be stuffed full of cash if follow the detailed instructions in the letter or email. In reality, it is an illegal plan for making money.

A typical scam includes the names and addresses of several individuals whom you may or may not know. You are instructed to send a certain amount of money to the person at the top of the list, and then remove that name and add yours to the bottom.

You are then supposed to mail copies of the letter or email to a few more individuals who will hopefully repeat the entire process. The letter promises that if they follow the same procedure, your name will gradually move to the top of the list and you'll receive money.

Other high-tech scams using IT also exist. They might be sent over the internet, or may require the copying and mailing of computer disks rather than paper. Regardless of the technology used to advance the scheme, the end result is still the same.

Scams are a bad investment. You certainly won't get rich. You will receive little or no money. The few pounds you may get will probably not be as much as you spend making and mailing copies of the letter if hard copy.

By their very nature, scams are harassing. Sending such mails using MoJ facilities is prohibited. The misuse of computer resources to harass other individuals or groups is unacceptable. Any person tempted to forward an email scam should familiarise themselves with the HR intranet pages, particularly the section regarding disciplinary action and electronic communications.

Note: Scams also clog up the system and reduce the efficiency of our servers.

How to recognise a scam

From the older printed letters, to the newer electronic kind, scams follow a similar pattern, with three recognisable parts:

- A hook: this to catch your interest and get you to read the rest of the letter. Hooks used to be "Make Money Fast" or "Get Rich" or similar statements related to making money for little or no work. Electronic chain letters also use the "free money" type of hooks, but have added hooks like "Danger!" and "Virus Alert" or "A Little Girl is dying". These tie into our fear for the survival of our computers or into our sympathy for some poor unfortunate person.
- A threat: when you are hooked, you read on to the threat. Most threats used to warn you about the terrible things
 that will happen if you do not maintain the chain. Others play on greed or sympathy to get you to pass the letter
 on. The threat often contains official or technical sounding language to get you to believe it is real.

• A request: some older chain letters ask you to send money to the top ten names on the letter and then pass it on. The electronic ones simply admonish you to "Distribute this letter to as many people as possible." They never mention clogging the internet or the fact that the message is a fake; they only want you to pass it on to others.

If it sounds too good to be true, then it is!

Bogus calls

There are a range of scams that can target you at home or at work. Callers usually say they are from IT Support, and tell you that they have detected a virus on your machine that needs to be removed. The bogus caller will then either:

- Direct you to a website, in the hope you will download malicious software.
- Try and obtain details from you about your computer, or the MoJ network.

In all genuine situations, the MoJ IT Service Desk will provide you with an incident reference number if there is a real problem with your machine.

If you receive a call from someone claiming to be from the IT Service Desk, always ensure you ask them for the incident reference number. Then disconnect the call, and call the IT Service Desk yourself, directly. If the original call was genuine, when you provide the incident reference number, they will be able to help you.

In general:

- · Treat all unsolicited calls as suspicious.
- If possible, note the details and incoming telephone number of the caller.
- Do not go to any external site if directed from an unsolicited call.
- Never give any information about your computer to the caller.
- Check if the call is genuine with your IT Service Desk. Report the call as a security incident if it is not. Use a different phone from that used to take the original call.

Hoaxes

Hoax letters are designed to trick you into believing, or accepting as genuine, something false and often preposterous: the messages they contain are usually untrue.

Hoax messages try to get you to pass them on to everyone you know using several different methods of social engineering. Most of the hoax messages play on your need to help other people. Who wouldn't want to warn there friends about some terrible virus that is destroying people's systems? Or help this poor little girl who is about to die from cancer?.

Chain letters and hoax messages have the same purpose but use a slightly different method of coercing you into passing them on. Chain letters, like their printed ancestors, generally offer luck or money if you send them on (scams). They play on your fear of bad luck and the knowledge that it is easy for you to send them on. Scams play on people's greed and are illegal no matter what they say in the letter.

The risk and cost of hoaxes

The cost and risk associated with hoaxes may not seem to be that high. If, however, you consider the cost of everyone within the MoJ receiving one hoax message, spending two minutes reading it and another two minutes forwarding it on or discarding it, the cost can be significant.

Handling these messages may also make our mail servers slow down to a crawl or crash.

Spammers (bulk mailers of unsolicited mail) may harvest email addresses from hoaxes and chain letters. Many of these letters contain hundreds of legitimate addresses, which is what the spammers want. There are also rumours that spammers are deliberately starting hoaxes and chain letters to gather email addresses.

How to recognise a hoax

A request to "send this to everyone you know" (or some variant) should raise a red flag. The warning is probably a hoax. It's unlikely a real warning message from a credible source will tell you to send it to everyone you know.

If the warning uses technical language, most people, including technologically savvy individuals, tend to believe the warning is real.

There may be credibility by association. If the janitor at a large technological organisation sends a warning to someone outside of that organisation, people on the outside tend to believe the warning because the company should know about those things. Even though the person sending the warning may not have a clue what he is talking about, the prestige of the company backs the warning, making it appear real.

These make it very difficult to be certain a warning is a hoax. Check if the claims are real, and if the person sending out the warning is a real person. Ask yourself if they are someone who would know what they are talking about.

Type of hoaxes

Scam chains

Mail messages that appear to be from a legitimate company but that are scams and cons, for example Advance fee scams.

Giveaways

Stories about giveaways by large companies. If you only send this on, some big company will send you a lot of money, clothes, a free vacation, etc., etc. You would have to wait forever for any of these to pay off.

Malicious warnings (virus hoaxes)

These are warnings about Trojans, viruses, and other malicious code, that have no basis in fact.

Virus hoaxes have flooded the internet with thousands of viruses worldwide. Paranoia in the internet community fuels such hoaxes. An example of this is the "Good Times" virus hoax, which started in 1994 and is still circulating the internet today. Instead of spreading from one computer to another by itself, Good Times relies on people to pass it along.

Sympathy letters and requests to help someone

Requests for help or sympathy for someone who has had a problem or accident.

Urban myths

Warnings and stories about bad things happening to people and animals that never really happened.

Inconsequential warnings

Out of date warnings and warnings about real things that are not really much of a problem.

True legends

Real stories and messages that are not hoaxes but are still making the rounds of the internet.

Traditional chain letters

Traditional chain letters that threaten bad luck if you don't send them on or request that you send money to the top "x" people on the list before sending it on.

Threat chains

Mail that threatens to hurt you, your computer, or someone else if you do not pass on the message.

Scare chains

Mail messages that warn you about terrible things that happen to people (especially women).

Jokes

Warning messages that it's hard to imagine anyone would believe.

Email and storing MoJ information

Data held by the MoJ should be managed in such a way that employees who require the data, for business reasons, can gain access to it. Managers should ensure that data is stored in an area that is easily accessible to those who require access. This includes MoJ information exchanged using email.

If you need further assistance or information about this process, ask for help.

Staff absences do occur and these can cause disruption to MoJ business where colleagues have no access to relevant departmental information. Staff are away for events such as annual leave, secondment or maternity leave, but they don't make provision for colleagues to access departmental information.

When an absence occurs, there is no right to be able to access another employee's account to obtain information. This is true, regardless of whether the absence is expected or unexpected, for example annual leave or illness.

Accessing another employee's account, without their permission, might contravene data protection legislation.

Data protection legislation protects personal information which relates to identifiable, living individuals held on computers. It specifies that appropriate security measures must be in place to protect against unauthorised access to, loss or destruction of personal data. If you breach this principle you could render the MoJ liable to enforcement action by the Information Commissioner.

Avoiding the problem

If you know you're going to be away for any significant amount of time, you can make life easier for everyone, including yourself, by following these simple steps:

- 1. Make provision for someone to have access to your work email account during your absence. If you don't know how to do this, contact your IT Service Desk.
- 2. Create a "handover" package, containing information about the tasks that will, or might, need attention during your absence.
- **3.** Make sure the package has contact details for everyone who might need to help progress or update the status of the tasks.
- **4.** Create an "Out Of Office" notification in your email system; include clear details of who to contact in your absence.

Authorised access to user email accounts

You must not access the email accounts of any other users, unless you are authorised to do so as required by your role. Access is authorised on a case by case basis only, and will typically be aligned to the following circumstances:

- During a criminal investigation by a law enforcement agency.
- During an employee investigation relating to misconduct or a security incident, for example IT misuse.
- Upon the death or unexpected exit of an employee, for example for the retrieval of key information and closing down an account.

Ideally, access will have been organised in advance of an absence. But this is not always the case; sometimes there are unexpected or unusual circumstances. Gaining access in such situations will require substantial escalation to management and Data Privacy and Security teams.

Contacts for getting help

In practice, all sorts of things can go wrong with email from time-to-time. Don't be afraid to report a problem or ask for help; you'll be creating a better and safer work environment.

For general assistance on MoJ security matters, email security@justice.gov.uk.

Suppliers to the MoJ should primarily contact your usual MoJ points of contact.

General enquiries, including theft and loss

Technology Service Desk - including DOM1/Mojo, and Digital & Technology Digital Service Desk. Use one of the following two methods for contacting service desk:

- Tel: 0800 917 5148
- MoJ Service Portal and Live Chat

Note: The previous itservicedesk@justice.gov.uk and servicedesk@digital.justice.gov.uk email addresses, and the Digital & Technology Digital Service Desk Slack channel (#digitalservicedesk), are no longer being monitored.

• Email: informationmgmtsecurity@justice.gov.uk

• Tel: 0203 334 0324

General app guidance

When working, you need to communicate with Ministry of Justice (MoJ) colleagues and use business tools ('apps'). You'll also need to work with people outside the MoJ. There are various tools you might use, besides the standard email and telephone tools. This document gives guidance on the types of tools you can and cannot use for business purposes. This guidance applies to all staff and contractors who work for the MoJ.

Some ALBs, agencies, or other large groups within the MoJ might have their own, specific guidance regarding how to use certain apps for different purposes.

Access to tools

You can access tools through your MoJ-provided devices by downloading from:

- The Software Centre application on your device (for Dom1 or MoJO equipment).
- The Self Service application on your Mac (for IT Service Desk managed MacBook laptops).

For MoJ-provided devices that are not Dom1, MoJO, or IT Service Desk Managed MacBooks, seek guidance from your Line Manager to appropriately source software.

Corporate, work, and personal accounts

- A corporate account is for making official MoJ statements and providing official views. Only a small number of authorised people can use it.
- A work account is your normal MoJ account that you use every day for business as usual. Only you have access to your work account.
- A personal account is your own personal account, outside of the MoJ. You should never use a personal account
 for business purposes. To be clear: Never send your work material to your personal device or your personal email
 account.

Some applications make a distinction between general use with a work account, and use with a corporate account. Using a tool with a corporate account means you are providing views or statements on behalf of the MoJ. Never use a personal account for business purposes with any tool.

Remember, if you are authorised to use a corporate account, you are speaking and acting for the whole of the MoJ. When working with a personal account, you are speaking and acting as an MoJ employee and/or a civil servant.

Always follow all MoJ policies and guidelines regarding public information, including social media.

In particular, follow the Civil Service Code of Conduct.

Video conference hardware

There are specific security concerns when using video conferencing hardware. The hardware might need extra permissions, involving access to the MoJ network, or involving personally identifiable information.

Video conferencing hardware might also be in a 'constant listening state'. This means that anything said within hearing distance, at any time, is 'heard' by the device. Similarly, anything in the line of sight might be 'seen' by the device. Some video conferencing hardware might record and even store the audio or video data outside the MoJ.

Video conferencing hardware for use within the MoJ shall meet the required security standards of the MoJ. Any devices that do not meet the security standards shall not be used. The reason is that the hardware might be insecure, and therefore unsafe to use for **Official-Sensitive** conversations.

Using video conference tools safely

The NCSC has excellent guidance on using video conferencing services safely.

Key things to remember before a call include:

- Make sure your video conferencing account (or the device or app you are using for video conferencing) is protected with a strong password.
- Test the service before making (or joining) your first call.
- Understand what features are available, for example recording the call or sharing files or screen information.

Key things to remember for *every* call include:

- Do not make the calls public, for example always require a password to join the call.
- Know who is joining the call, in particular check that everyone is known and expected to be present, and that people who have dialled in have identified themselves clearly and sufficiently.
- Consider your surroundings, for example checking what can be seen behind you (forgetting to check information on a whiteboard or noticeboard is an easy mistake).

MoJ guidance

Official and Official-Sensitive Information

Official information is the majority of information that is created or processed by the public sector. This includes routine business operations and services, some of which could have damaging consequences if lost, stolen or published in the media, but are not subject to a heightened threat profile.

Official-Sensitive is not a classification. **Sensitive** is a handling caveat for a small subset of information marked **Official** that requires special handling by staff. You should apply the handling caveat where you wish to control access to that information, whether in a document, email, or other form.

Privacy and personal information (Data Protection)

Some communications tools expect to have a copy of your contacts list, which they may upload to a server. When selecting tools to use, think carefully about whether this is an acceptable risk, and whether it will negatively impact anyone else's privacy.

Data protection legislation makes you responsible for keeping personal information you work with safe and secure. Specifically including the Data Protection Act 2018 and the UK General Data Protection Regulation (UK GDPR).

Complying with personal information requirements can be complex. Don't hesitate to ask for advice:

- Email: DataProtection@justice.gov.uk
- Intranet: https://intranet.justice.gov.uk/guidance/knowledge-information/protecting-information/

Information Management

Many tools are only used for day-to-day communication. The information you work with is typically classified at **Official**.

It's important to consider the MoJ information you work with when using these tools. What would happen if you lost your mobile device, or it was stolen? Voice or video calls may be overheard in a cafe, or read from your screen on a crowded train. What could the consequences be? If the consequences for the loss or exposure of the information is minimal, then the information can probably be safely communicated.

You have a duty of confidentiality and a responsibility to safeguard any HMG information or data that you access. This is Principle 2 of the Government Security Classifications. The MoJ trusts you to work with **Official** information. You're trusted to make a reasoned judgement about whether it's safe to use an approved tool, or whether you should use a different MoJ-provided work tool.

Never send work material to your personal devices or email accounts.

Remember that it is impossible to delete information after it is publicly released.

For more information about MoJ IT Security, look on the MoJ Intranet here.

Storage and data retention

Laws and regulations make the MoJ and its employees responsible for managing information. Some examples include:

• Freedom of Information Act 2000.

- Data Protection Act 2018 and UK General Data Protection Regulation.
- Public Records Acts 1967.

When we receive a request for information, we need to know where we hold all the relevant information. Storing business information on appropriate MoJ systems helps us, because:

- We can provide evidence about decisions.
- We understand the information held, and where to find it.
- We can transfer records to The National Archives.

Always store MoJ information in MoJ systems. If you use a tool for work tasks, make sure the key information is stored in an appropriate MoJ system. Guidance on what you must keep is available on the Intranet here. At regular and convenient intervals, transfer the information to an appropriate MoJ system. Do the same when you finish the work. Don't forget to remove any redundant information from a tool by clearing or deleting data if it has been preserved in an MoJ system.

Many tools lets you export your data. You can then store it on an appropriate MoJ system. Sometimes it's easier to copy and paste text into a new document. Make sure that only the correct people have access to the information. This is important after staff or organisational changes, for example.

For more guidance, read the Information Management section on the Intranet. There is also help on responding to requests for information.

Acceptable Use

You must use communications tools for business purposes in an acceptable way.

Be sensible when using communications tools for MoJ business purposes:

- Be extra careful with sensitive and personal information.
- Try to avoid using the same tool for business and personal use to avoid confusion.
- If the message you're about to send might cause upset, offence, or embarrassment, it's not acceptable.
- Context is important a message you might think is funny could be upsetting to someone else.
- If something goes wrong, report it.

The bottom line is:

If there is doubt, there is no doubt - ask for help!

Password managers

MoJ guidance encourages the use of password managers where possible. To establish what options are available for an MoJ-issued device, check the official MoJ software and application installation tool provided with the device, to see whether it includes a facility to install optional software and whether a password manager is among the options.

Tools for sharing information internally and externally

For secure sharing and transfer of materials within MoJ bodies or external organisations including other government departments, the MoJ installation of Microsoft Teams is approved for use with data up to and including **Official-Sensitive**.

For secure sharing and transfer of materials with external organisations that cannot use Teams, the Criminal Justice Secure Exchange (CJSE) and Criminal Justice Secure Messaging (CJSM) tools are the preferred solution for data up to and including **Official-Sensitive**.

For secure sharing and transfer of materials with other government bodies, where the use of Teams, CJSE, or CJSM is not practicable, the use of official MoJ email systems is approved for data up to and including **Official-Sensitive**.

Always follow the guidance in the Data Handling and Information Sharing Guide when making such transfers. This applies particularly with regard to the sharing of data classified higher than **Official**.

If you need clarification or further assistance in selecting the appropriate tool, ask for help.

Proctoring software

You shall not install proctoring software onto MoJ equipment.

Some certification or examination organisations enable people to take assessments remotely. They do this by having 'supervision' software installed on the user's computer. This software is often referred to as 'proctoring software'. The tools make sure that the assessment is as fair as possible, by installing a variety of controls. For example, the software can take control of the camera and microphone of the device it is installed on.

The problem is that the controls give the proctoring software extensive access to the computer. This means that the tools could inspect information or other applications on the computer. In effect, the proctoring software might have uncontrolled access to MoJ information or materials on the computer. This is not acceptable.

If you need to use proctoring software, your options are:

- Install the proctoring software on a personal device.
- Contact the assessment organisation asking for alternative options.

Other tools

Some tools, such as Facebook, Instagram and LinkedIn, are approved for specific corporate accounts to use, for corporate communications messages. General use of these tools for work purposes is not permitted.

If you wish to use a tool that is not listed in any specific guidance, please consult our Guidance for using Open Internet Tools and ask for help.

Requesting that an app be approved for use

If there is an application or service that is not currently approved, but which you would like to use, you can request a security review.

Begin the request by filling in the Request a Security Review of a third-party service form, as best you can. The more information you provide, the better. But don't worry if you have to leave some bits of the form blank.

When you submit the form, it is passed to the security team. The app is reviewed, to check things like how safe it is to use, and whether there are any Data Privacy implications. The security team will respond to you with an answer as quickly as possible.

Note: You should submit the request, and wait for a formal "approval" response, *before* you install or use the app on MoJ equipment or information.

If you have any questions about the process, ask for help.

Other information Government policy and guidance

GDS Social Media Playbook

NCSC

Video conferencing services: using them securely

Secure communications principles

Using third-party applications

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Phishing Guide

This guide provides information about 'phishing' is. It describes what phishing is, and how it happens. It tells you what you can do to protect yourself, and to keep Ministry of Justice (MoJ) systems secure.

There is also information on what to do if you think you have been phished.

What is a phish?

Phishing attacks are when threat actors pretend to be legitimate parties. They do this to steal money, credentials, or sensitive information. There are a variety of phishing attacks that you might come across. Some are more sophisticated or targeted than others.

Phishes often use two techniques:

- They affect emotional states.
- They create a sense of urgency.

Urgency makes users want to do the actions requested as quickly as possible. The combination of urgency and emotional manipulation leaves users feeling panicked and worried. It might fill them with a sense of euphoria. Threat actors use emotion and deadlines to convince users to act. The user doesn't take the time to think about whether it's a sensible or valid request.

Most phishes are emails, but they can also use other technology, such as SMS texts or telephone calls.

Threat actors might use phishes to request payments. They might ask you to click links and log in to an account or change a password. They might instruct you to buy items for them. They might get you to provide some personal details before you can claim a supposed prize. **Never** use the link in an email asking you to change a password. Use an out-of-band method such as going directly to the website to change a password. Be cautious when following password actions requested in emails or texts.

Threat actors utilise a variety of methods in phishes. They often take advantage of seasonal events to appear more legitimate. They use emotional and urgent triggers such as:

- Telling you that your tax return is overdue.
- Threatening to share access to your personal sensitive photos unless you pay.
- A request to send money urgently to a family member in trouble.
- Telling you 'good news', for example that you have won a big prize or are due a tax rebate.
- Providing a final demand about a very overdue invoice that, if unpaid, will see you taken to court.
- A 'last warning' about resetting your password, otherwise you will lose account access.

Beware of messages that create a sense of urgency or a heightened emotional state - good or bad. Treat such messages with suspicion. Check the message before you take any action. Unexpected messages with attachments are also common. Never open the attachment until you have done an out of band check.

Common types of phish

There are many different types of phish. You might recognise many of them. But the more sophisticated the phishing attack, the harder it is to spot. Out of band checks are the best way to stop a phishing attack. They use a second, different method of communication to check the authenticity of the contact and the requested action.

Email phishing

These are emails that request actions. Examples include clicking on links to change passwords, or requesting money. **Never** use the link in an email asking you to change a password. Use an out-of-band method such as going directly to the website to change a password. Be cautious when following password actions requested in emails or texts.

SMS phishing (smishing)

These are text messages that ask you to click links to access services or to pay for things. They often take advantage of seasonal events to appear more legitimate. Examples include Christmas delivery phishing texts, or texts around tax return time. Other recent examples use Covid news items to demand payments or personal information.

Voice phishing (vishing)

These are phone calls that ask you for sensitive information, or payments, or remote access to your devices. Threat actors might pretend to be from banks and other official organisations. Others might claim to be technology companies such as Microsoft. Another vishing example might claim to be from a jail, requesting bail money.

Spear phishing

Some phishing attacks focus on specific targets. Threat actors use OSINT to gather data about an individual. They can then create a 'custom phish'. It is interesting for the target. The target is then more likely to respond to the phish. Examples include real names or work-related jargon. These are often very sophisticated phishes. The use of personal data makes the phish more likely to succeed.

Whale phishing (whaling)

These target at high level individuals such as CEOs and Director level and above staff. Whaling uses a variety of phishing methods to contact high profile targets. The goal is to steal large sums of money, or access high level credentials, intellectual property, and sensitive information.

Business email compromise (BEC)

This type of phishing attack targets high level staff to steal money or reveal sensitive information. Threat actors pretend to be another high-level staff member. They do this by using their name or email address to seem legitimate. They often create a sense of urgency to convince junior staff to do the requested action. These emails often come from a compromised staff member's email account. This means the email system doesn't block the sender.

Watering hole attack

This is a very sophisticated supply chain attack. It uses research from an organisation's frequently used websites to identify a target. Targeted websites are then compromised and infected with malware. When users visit the websites, the malware downloads onto their systems. These are sophisticated attacks. The user is visiting an official and legitimate website. It is the website itself that has been compromised.

QR codes

Quick response codes (QR Codes) are a form of matrix (two-dimensional) barcode. They are machine-readable links. A QR code reader on a mobile device sends the user to a website or app. You don't need to click or type a link.

Some devices have QR code readers built into their camera app. Other devices need a dedicated app.

When you scan the QR code, the app asks you if you wish to go to the website or app described by the QR code.

Note: QR codes are not human readable. This means it is important to verify that the codes are legitimate and have not been tampered with.

You'll see QR codes in many situations. They give easy access to restaurant menus. They link to charity donation pages or surveys. Banks use them to link to services. They can be used to join wifi hotspots. They can be used to add contacts directly to your contacts list.

A QR code in an official context should be as safe to scan as an ordinary web link. For example, a QR code on an official notice in an MoJ building.

If the QR code is not labelled, or is from an unknown person, be suspicious. For example, a QR code stuck on a lamppost, or a QR code on a non-official flyer on a wall in a public location. These are not safe to scan.

It's possible that even a QR code in a safe, official place might be tampered with. Someone might draw over it. They might cover it with a sticker and a fresh QR code. If a QR code looks 'contaminated', don't scan it. Report it to security.

In summary, the risk associated with QR codes is currently considered low. They are simply barcode versions of web links. When deciding whether to scan a QR code or not, follow the same procedure as receiving an unexpected message.

Multi-factor authentication (MFA)

Multi-factor authentication (MFA) is a great way to reduce the risk of account compromise by a phishing attack. MFA provides an extra layer of defence for the account. If you have MFA set up, threat actors cannot access your account. It's safe, even if you accidentally reveal your credentials.

Never give MFA to codes to anyone. Genuine companies, banks, government departments, and social media sites will never contact you and ask you to tell them an MFA code. They will never offer to input it for you, or request you give the code to them over the phone. MFA codes should only ever be entered by you, directly into the account login.

MFA also provides an early warning system for credential compromise. If you ever receive an MFA code for an account that you are not actively logging into, then someone other than you is trying to access the account. This means your credentials might have been compromised, so as quickly as possible, you should:

- Report the problem to security.
- Change your password. **Never** use the link in an email asking you to change a password. Use an out-of-band method such as going directly to the website to change a password. Be cautious when following password actions requested in emails or texts.

Out of band checks

An out of band check is when an individual uses a different method of communication than the one the message came from. This method means that if one communication method is compromised, you quickly find out by using a different communication method to confirm validity. The likelihood of multiple communication methods for the same person or team being compromised is low.

Out of band checks are an easy method to confirm the legitimacy of communications and requests. They can confirm the identity behind a message or request, and they can confirm the validity of the message or request itself. Social engineering techniques and phishing tactics take advantage of people who do not use out of band checks. By doing an out of band check, these sorts of attacks can be stopped very easily.

Example 1: You receive an email request for an urgent review of an invoice, and immediate payment. The email comes from someone unexpected. You should find the official contact details of that person, and contact them using a phone call - but not email - to confirm that they did indeed send the original email. If they did send the email, you can proceed with the request. If they did not send the email, you can report the email as a phish, and also alert the owner of the email address that their email address might have been compromised.

Example 2: You receive a phone call from someone claiming to be your bank, or HMRC, or HMCTS. You hang up the call, and locate the official website for the company. You should be able to find multiple official contact details there. Use one of these to contact the place the caller claimed to be from. If, for example, the claim was that your bank was calling, you can call the direct number and speak to the switchboard about the reason for the initial call. They will forward you to the correct department. You can then confirm the validity of the original call, and so confirm whether the original caller was actually from your bank or not.

Example 3: Someone enters your place of work, and claims to have a meeting with a specific person. Unfortunately, there is no record of this on the expected visitor list. You can call or email the person within your place of work to confirm the visitor is legitimate. This check also works if tradespeople arrive unexpectedly, because you can contact both the relevant person within your place of work and also contact the company they claim to be from, using the company's official website contact details.

Example 4: You receive an email requesting that you reset your password immediately. The email contains a link to perform the password reset. You have not attempted to login to that account recently. You should use an internet search for the website or type the URL directly if you know exactly what it should be. When you attempt to login, the website will let you know if you need to reset your password. If not, you know someone else has attempted to gain access to your account. That would mean the password reset request was not legitimate, and most likely a phishing attempt hoping to get your username and password through the reset link in the original email. Similarly, if you get an MFA request unexpectedly, do not confirm it unless you were indeed attempting to access that account immediately before the request came through. If you get an MFA request, but had not been trying to connect using the account, you should change the account password as soon as possible, because it might have been compromised.

When doing an out of band check, be sure to pick a different method of communication to the one used to contact you originally. If someone emails you unexpectedly, perform an out of band check by making a phone call. If someone calls you, perform an out of band check by using the Internet. It is very unlikely that multiple communication channels have been compromised.

Be sure to get official contact details for companies only from their official websites. Never be afraid to hang up on someone and check their identity through another method, especially if they are asking for sensitive or personal

information or credentials. Never be afraid to check the legitimacy of unusual email requests. by contacting the sender through a different communication channel.

Doing an out of band check lets you confirm that the messages come from the person they claim to be, and that the requests are valid. This helps prevent you or your company from losing money to fake invoices, from accidentally giving up sensitive information or credentials, and from having unauthorised individuals in your place of work. Doing an out of band check is fast and easy.

All members of your workplace should be happy to receive such a check. It shows that you take security seriously, and that you are helping to protect them as well as yourself.

If you think you've been phished

Don't panic.

You will not be punished if you fall for a phish - it can happen to anyone. You will not be punished for reporting a phish, even if it turns out to be a false alarm.

If you think you have been phished:

- 1. Report it immediately.
- 2. If your credentials were phished, highlight that in the report.
- 3. Change the password for affected accounts as soon as possible. Never use the link in an email asking you to change a password. Use an out-of-band method such as going directly to the website to change a password. Be cautious when following password actions requested in emails or texts.

MoJ firewalls and antivirus systems should catch the majority of malware before they can affect systems. By reporting the incident as quickly as possible, the security team will be alerted and on the lookout for any more sophisticated malware.

If your credentials have been phished, reporting it immediately and resetting your password quickly greatly reduces the risks.

Any phishing emails that get through the filters and into your inbox will be very sophisticated. This makes them much harder for you or anyone to spot. Never feel guilty or ashamed for being phished.

Reporting phishes

Reporting phishing attempts helps improve the filters that catch them before they get to your inbox. They also help protect other colleagues and the MoJ from being compromised, or having data or money stolen.

If you think you have spotted a phish, or you think you have been phished, report it as quickly as possible. If you think you have spotted a more targeted phish that claims to be from a vendor or another staff member, do an out of band check to determine if it is legitimate. If it is not, then please report the email as a phish.

Reporting a phishing attempt is quick and easy. Contact service desk using one of these two options:

- Tel: 0800 917 5148
- MoJ Service Portal and Live Chat

You can also forward on all spam and phishing text messages to 7726 for free.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Protecting WhatsApp accounts

The Ministry of Justice (MoJ) permits the use of WhatsApp for text messaging, voice and video calls. You should avoid using it for business tasks involving personal or sensitive data.

Do not use personal accounts for work purposes.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Secure Data Transfer Guide

Introduction

This guide outlines the security procedures and advice for Ministry of Justice (MoJ) staff wanting to send or receive data securely from external sources.

This is important to the MoJ, because personal and sensitive data is regularly transmitted between departments. Legislation such as GDPR, and industry standards such as PCI DSS, affect the MoJ's responsibility to secure this data. It is also important to recognise the damage that leaked sensitive data could cause to the vulnerable people the MoJ works to protect.

Who is this for?

This policy is aimed at three audiences:

- 1. Technical users: these are in-house MoJ Digital and Technology staff who are responsible for implementing controls during technical design, development, system integration, and operation. This includes DevOps, Software Developers, Technical Architects, and Service Owners. It also includes Incident Managers from the Event, Problem, Incident, CSI, and Knowledge (EPICK) Team.
- **2. Service Providers**: defined as any other MoJ business group, agency, contractor, IT supplier, or partner who in any way designs, develops, or supplies services (including processing, transmitting, storing data) for, or on behalf of, the MoJ.
- 3. General users: all other staff working for the MoJ.

The phrase "all MoJ users" refers to General users, Technical users, and Service Providers as defined previously.

Transfer Considerations

Anyone handling personal or sensitive data must seek consent from their line manager to authorise data transfer.

Before any data transfers are requested, consider the following:

- Is it strictly necessary for the effective running of the MoJ, and the care of the people it serves, that the data (regardless of whether the data is sensitive or not) is transferred?
- What is the nature of the information, its sensitivity, confidentiality, or possible value?
- What is the size of the data being transferred?
- What damage or distress might be caused to individuals as a result of any loss or unmanaged sharing during transfer?
- What implications would any loss or unmanaged sharing have for the MoJ?
- What information is actually necessary for the identified purpose? For example, is the intention to send an entire document or spreadsheet, when only one section, or specific spreadsheet columns, are required?
- Has the identity and authorisation of the information recipient been established?

Any transfer technique used shall:

- Encrypt the data over the network (in transit), using sufficient and appropriate encryption (currently TLS 1.2 or greater).
- Require strong authentication to ensure that both the sender and recipient are who they claim to be.

These considerations apply when transmitting any data over a wireless communication network (for example wifi), or when the data will or might pass through an untrusted network.

If the MoJ is the controller of the data being transferred, the security storage requirements at the destination **shall** be considered to ensure that they comply fully with the relevant regulation, such as PCI DSS or GDPR.

Slack: #security

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

IT Security All Users Policy Introduction

This policy provides more information on the actions expected of all Ministry of Justice (MoJ) users when using MoJ equipment and infrastructure. It is a sub-page to the IT Security Policy Overview.

Note: In this document, the terms "data" and "information" are used interchangeably.

Audience

This policy is aimed at three audiences:

Technical usersThese are in-house MoJ Digital and Technology

staff who are responsible for implementing controls throughout technical design, development, system integration, and operation. This includes DevOps, Software Developers, Technical Architects, and Service Owners. It also includes Incident Managers from the Event, Problem, Incident, CSI and Knowledge (EPICK)

Team.

Service Providers Defined as any other MoJ business group, agency,

contractor, IT supplier and partner who in any way designs, develops or supplies services (including processing, transmitting and storing data) for, or on

behalf of, the MoJ.

General users All other staff working for the MoJ.

Within this policy, "all MoJ users" refers to General users, Technical users, and Service Providers as defined previously.

Approach

The MoJ ensures that IT security controls are designed and implemented to protect MoJ data, IT Assets, and reputation, based around the following requirements:

Confidentiality Knowing and ensuring that data can only be accessed by

those authorised to do so.

Integrity Knowing and ensuring the accuracy and completeness of

data, and that it has not been deliberately or inadvertently

modified from a previous version.

Availability Knowing and ensuring that IT systems and data can

always be accessed when required and authorised.

Assets

This policy applies to all premises, physical equipment, software and data owned or managed by the MoJ. This includes IT systems, whether developed by the MoJ or managed by IT service providers. It covers the use of IT equipment and the data processed on those IT systems, irrespective of location. It provides direction and support to preserve the confidentiality, integrity, and availability of MoJ resources.

Security classification

All MoJ Staff are responsible for ensuring data is:

IT Security Policy (Overview)

This policy gives an overview of information security principles and responsibilities within the Ministry of Justice (MoJ) and provides a summary of the MoJ's related security policies and guides.

Audience

This policy is aimed at three audiences:

Technical usersThese are in-house MoJ Digital and Technology

staff who are responsible for implementing controls throughout technical design, development, system integration, and operation. This includes DevOps, Software Developers, Technical Architects, and Service Owners. It also includes Incident Managers from the Event, Problem, Incident, CSI and Knowledge (EPICK)

Team.

Service Providers Defined as any other MoJ business group, agency,

contractor, IT supplier and partner who in any way designs, develops or supplies services (including processing, transmitting and storing data) for, or on

behalf of, the MoJ.

General users All other staff working for the MoJ.

Within this policy, "all MoJ users" refers to General users, Technical users, and Service Providers as defined previously.

Associated documentation

For further guidance on IT Security, refer to the following policy.

• IT Security All Users Policy: which provides further details of the responsibilities of all MoJ users at the MoJ.

Principles

All MoJ users shall:

- Comply with the MoJ's Acceptable Use Policy wherever they work.
- Report all security incidents promptly and in line with MoJ's IT Security Incident Management Policy.
- Make themselves aware of their roles, responsibilities and accountability and fully comply with the relevant legislation as described in this and other MoJ guidance.
- Be aware of the need for Information Security as an integral part of the day to day business.
- Protect information assets under the control of the organisation.

Further information can be found in the IT Security All Users Policy.

Enforcement

- This policy is enforced by lower level policies, standards, procedures and guidance.
- Non-conformance with this policy could result in disciplinary action taken in accordance with the MoJ's
 Disciplinary procedures. This could result in penalties up to and including dismissal. If an employee commits
 a criminal offence, they might also be prosecuted. In such cases, the MoJ always co-operates with the relevant
 authorities, and provides appropriate evidence.

Incidents

Note: If you work for an agency or ALB, refer to your local incident reporting guidance.

Security Team

Email: security@justice.gov.uk

For help with incidents, including theft and loss, contact one of the following:

Technology Service Desk - including DOM1/Mojo, and Digital & Technology Digital Service Desk. Use one of the following two methods for contacting service desk:

- Tel: 0800 917 5148
- · MoJ Service Portal and Live Chat

Note: The previous itservicedesk@justice.gov.uk and servicedesk@digital.justice.gov.uk email addresses, and the Digital & Technology Digital Service Desk Slack channel (#digitalservicedesk), are no longer being monitored.

HMPPS Information & security:

- Email: informationmgmtsecurity@justice.gov.uk
- Tel: 0203 334 0324

For non-technology incidents, contact the Security team

Contact the Data Protection Team for information on Data Protection Impact Assessments: DataProtection@justice.gov.uk

If you are not sure who to contact, ask the Security Team:

- Email: security@justice.gov.uk
- Slack: #security

For any further questions relating to security, contact: security@justice.gov.uk.

Sending information securely

This guidance complements the Ministry of Justice (MoJ) overall security policy.

This guidance on working securely with paper documents and files applies to all employees, contractors, partners and service providers, including those on co-located sites and sites owned by other public bodies. This also includes employees of other organisations who are based in, or work at, MoJ occupied premises.

Agencies and arm's length bodies (ALBs) are expected to comply with this corporate framework but may establish their own arrangements tailored to operational needs and should supplement it with local policy or guidance for any business-specific risk.

Related information

IT Security Policy (Overview) on page 19

Objective

The MoJ requires employees and contractors to get into the habit of looking after the information that they work with, whether it's on paper or stored electronically, in the same way they would take care of their personal valuables.

Scope and Definition

This guidance helps you understand the risks involved in sending information. It covers any information that relates to the business of the MoJ, its stakeholders and partners that have been printed out or written down on paper, and information that has been downloaded from IT systems onto 'removable media'.

This guidance outlines the all the basic guidance on sending information using email, post, courier services and fax.

Context

All MoJ information is valuable, and staff are expected to protect everything that relates to the department's business, including information provided by others. This applies to all information, not just information that is covered by the Data Protection Act or classified under the Government Classification Scheme.

There are different rules for managing and protecting different kinds of paper-based information. You need to know how to:

- Identify the correct security level for the information you work with.
- · Handle it according to the relevant rules.

Responsibilities

All employees, contractors, partners, service providers and employees of other organisations who are on MoJ premises and co-located sites remain accountable for the security, health and safety of themselves, colleagues and the protection of departmental assets.

Policy statements

Using email

Email is the preferred option for securely transferring information between yourself and another civil servant. You **shall** use departmental equipment and transfer between **Official** or CJSM email accounts.

If the person or organisation you are sending the information to is outside departmental **Official** or CJSM networks, you **shall** consider the sensitivity of the information. It might be safer to send it on encrypted removable media or in hardcopy.

Sending bulk information

Transferring bulk data shall be authorised by a senior manager.

The definition of bulk or high volume is not specific. Removable media such as laptops, disks or memory sticks can hold thousands of records. They have the benefit of encryption to prevent access to data accessed, but the damage if they are lost and the information cannot be retrieved remains high. However, information is immediately accessible if even a single paper files is lost, so the risks need to be managed differently.

As an indication, datasets containing the electronic records of 1,000 or more people would count as bulk, whilst decisions on using more secure forms of movement might apply to much smaller volumes of case files. It might also apply to lesser volumes where names and addresses are combined with sensitive information that might lead to identification.

In all cases, consideration **shall** be given to the risk and impact of causing individuals or the MoJ to suffer harm or loss, service disruption, or reputational damage.

Using post and couriers

There are a range of methods of sending documents, depending on the potential harm that result from loss. This relates to their security classification and the volumes involved. Use a method that is appropriate for the type of information:

- For normal inter-office transit, use DX delivery services or agreed contracts for the movement of papers or files. Royal Mail letter post is otherwise acceptable for standard non-sensitive material, or letters at **Official**.
- The classification and any handling caveat such as Official-Sensitive shall not be shown on the outer envelope.
 If the contents are sensitive, particularly if they contain personal details intended for an individual, the envelope should be marked ADDRESSEE ONLY. Post rooms shall check addressee details, and shall not open any envelope marked in this way.
- If more security is needed, either because material is being sent in bulk or the contents are more sensitive, tracked
 options including tracked DX or special delivery should be used.
- Material marked Official-Sensitive can be sent using any of the previous methods, with a return address and no
 protection marking on the outer envelope.
- Double enveloping might also provide additional protection, especially if there is a risk the package might burst or
 if it is being sent to a non-MoJ location where the ADDRESSEE ONLY instruction might not be recognised.

Confirming delivery

If you are sending sensitive or bulk information, you **shall** ensure that the recipient is expecting it and get confirmation of receipt. Consider a solution that allows you to track delivery. If you need to transfer or send personal data to or outside of the European area, discuss it first with the Data Protection Team.

If the block is due to an access rule, the Security team reviews whether to change the rule.

What to do if you are able to access a website that you think should be blocked

Log an incident with your IT Service Desk.

Provide the following details:

- The address of the website.
- The time you visited the site.
- The reason why you think the site should be blocked.

Other help

- HMPPS Prison All requests should be directed to the IT Service Desk via a local or area IT Manager.
- HMPPS Probation Log an incident with your IT Service Desk.
- All other teams, contact the Security team.

General enquiries, including theft and loss

Technology Service Desk - including DOM1/Mojo, and Digital & Technology Digital Service Desk. Use one of the following two methods for contacting service desk:

- Tel: 0800 917 5148
- · MoJ Service Portal and Live Chat

Note: The previous itservicedesk@justice.gov.uk and servicedesk@digital.justice.gov.uk email addresses, and the Digital & Technology Digital Service Desk Slack channel (#digitalservicedesk), are no longer being monitored.

HMPPS Information & security:

- Email: informationmgmtsecurity@justice.gov.uk
- Tel: 0203 334 0324

Web browsing security policy profiles

There are two policy profiles, one for the Judiciary, and one for all other staff.

Each profile identifies categories of content that are normally blocked. Content that is not in a blocked category will normally be available to a profile.

Judiciary

All activity is logged. By default, no reporting takes place. However, reporting is permitted following appropriate judicial sanction.

The following categories of content are normally blocked for the Judicial profile:

- · Advanced Malware Command and Control
- · Advanced Malware Payloads
- Botnets
- Compromised Websites
- Custom-Encrypted Uploads
- Dynamic DNS
- · Elevated Exposure
- · Emerging Exploits
- · Extended Protection
- Files Containing Passwords
- Keyloggers
- · Malicious Embedded iFrame
- Malicious Embedded Link

- · Malicious Websites
- Mobile Malware
- Newly Registered Websites
- Phishing and Other Frauds
- · Potentially Exploited Documents
- Potentially Unwanted Software
- Security
- Sex
- Spyware
- Suspicious Content
- · Suspicious Embedded Link
- Unauthorised Mobile Marketplaces
- User-Defined list

All other staff

Limited restrictions are in place to block web access. All activity is logged. Reporting is enabled for all activity.

The following categories of content are blocked for this profile:

- Adult Content
- · Adult Material
- Advanced Malware Command and Control
- Advanced Malware Payloads
- · Application and Software Download
- Botnets
- Compromised Websites
- Custom-Encrypted Uploads
- Dynamic DNS
- Elevated Exposure
- · Emerging Exploits
- Extended Protection
- Files Containing Passwords
- Keyloggers
- Malicious Embedded iFrame
- Malicious Embedded Link
- Malicious Websites
- Mobile Malware
- Newly Registered Websites
- Phishing and Other Frauds
- · Potentially Exploited Documents
- Potentially Unwanted Software
- Security
- Sex
- Spyware
- Suspicious Content
- Suspicious Embedded Link
- Unauthorised Mobile Marketplaces
- User-Defined list

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Wifi security policy

Introduction

This policy gives an overview of wireless networking (wifi) security principles and responsibilities within the Ministry of Justice (MoJ).

To help identify formal policy statements, each is prefixed with an identifier of the form: **POL.WIFI.xxx**, where **xxx** is a unique ID number.

Audience

This policy is aimed at:

Technical usersThese are in-house MoJ Digital and Technology

staff who are responsible for implementing controls throughout technical design, development, system integration, and operation. This includes DevOps, Software Developers, Technical Architects, and Service Owners. It also includes Incident Managers from the Event, Problem, Incident, CSI, and Knowledge (EPICK)

Team.

Service Providers Any other MoJ business group, agency, contractor,

IT supplier, and partner who in any way designs, develops or supplies services, including processing, transmitting, and storing data for, or on behalf of, the

MoJ.

General users All other staff working for the MoJ.

Purpose

The purpose of this document is to define a set of security requirements for MoJ wifi networks, based on industry good practices and our local requirements.

POL.WIFI.001: Any exceptions to the policy **shall** be managed through the MoJ's security risk management process.

Applicability

This policy applies to all MoJ owned or managed wifi networks provided for any purpose. It also applies to the use of third-party wifi networks by MoJ devices which handle **Official** information, for example staff end user computing devices.

MoJ wifi networks

POL.WIFI.002: Each MoJ wifi network **shall** have a defined policy which is reviewed at least annually, that describes:

- The purpose of the wifi network.
- The intended users of the wifi network.
- The Service Owner of the wifi network.
- The access controls that are applied to ensure that only those intended users can connect to the wifi network.
- User and administrator responsibilities for maintaining the security of the wifi network.
- Who has authority to expand or alter the wifi network.
- Logging and monitoring requirements and responsibilities for the wifi network.

General security requirements

The following statements apply to all MoJ-provided wifi networks.

[&]quot;All MoJ users" refers to General users, Technical users, and Service Providers, as defined previously.

POL.WIFI.003: Wifi networks shall not be treated as extensions of trusted LANs or WANs.

POL.WIFI.004: Wifi networks shall be treated as untrusted bearers for the purposes of application security.

POL.WIFI.005: All products used in an MoJ wifi network **shall** support WPA2-Enterprise.

POL.WIFI.006: CCMP **shall** be used to protect the confidentiality and integrity of information transmitted over the wifi network.

POL.WIFI.007: Other wifi security modes (such as WEP) **shall not** be enabled.

POL.WIFI.008: All products used in MoJ wifi networks shall support certificate-based authentication.

POL.WIFI.009: On MoJ wireless networks, isolation between wifi clients **should** be enabled. Where there is no requirement for devices to communicate directly, isolation **shall** be enabled.

POL.WIFI.010: MoJ wireless networks **should** use a DNS resolver that chains to the Protective Domain Name Service (PDNS) service.

POL.WIFI.011: All MoJ wireless networking equipment **shall** be kept patched and secure, whether connecting to MoJ wifi services or GovWifi.

POL.WIFI.012: All management of MoJ Wireless networking equipment **shall** be undertaken in compliance with the Privileged User Access Guide and any relevant Security Operating Procedures (SyOPS).

MoJ enterprise wifi networks

Note: MoJ enterprise wifi networks are those used solely for MoJ users and devices.

POL.WIFI.013: Pre-Shared Keys (PSKs) **may** be used for user or device authentication.

POL.WIFI.014: PSKs **shall** be unique per user or device.

POL.WIFI.015: PSKs shall only be implemented with prior agreement from the cyber security team

POL.WIFI.016: PSKs **shall** be changed at least once a year.

POL.WIFI.017: EAP-PSK should be used.

POL.WIFI.018: In higher-threat situations such as in a prison location where any unauthorised use of the Wireless network would constitute a security incident, mutually-authenticated authentication based on certificates **shall** be used.

POL.WIFI.019: EAP-TLS or EAP-TTLS should be used.

POL.WIFI.020: Where user or device groups have differing functions, PKI trust domains **should** be defined and used to maintain functional separation.

MoJ special-purpose wifi networks

POL.WIFI.021: If MoJ devices, including IoT or legacy devices, cannot meet the general security policy requirements, or if there are non-security reasons for segregating traffic onto different SSIDs, then dedicated MoJ wifi networks **may** be created.

POL.WIFI.022: These dedicated networks **may** have reduced authentication controls, for example a shared PSK or a reduced ability to rotate PSKs due to form-factor limitations.

POL.WIFI.023: In such circumstances, special care **shall** be taken to ensure that the general network architecture and other security controls constrain network connectivity for clients. The constraints limit network connectivity to the minimum required for them to function properly.

POL.WIFI.024: Other mechanisms such as MAC filtering should be used to reduce the chance of misuse.

MoJ guest wifi networks

Due to complexities and management effort involved in running wifi solutions, the MoJ preference is to utilise the cross-Government GovWifi service: https://www.wifi.service.gov.uk/.

This also has the benefit of being available across HMG Departments and Agencies. GovWifi has a level of preregistration, monitoring and filtering in place to protect the users. However, GovWifi does not provide enterprise level security functions. GovWifi users are required to maintain their own security controls. For MoJ users of GovWifi connections, this means using the MoJ-provided VPN services when accessing protected MoJ services.

POL.WIFI.025: Any considerations for not using GovWifi in an MoJ guest wifi network **shall** be discussed and agreed beforehand with the cyber security team.

POL.WIFI.026: Where GovWifi cannot be used, or where an existing guest wifi service exists,the following **shall** be in place:

- Regular rotation of the passphrase, with agreement from the Security team. Normally, this requires a fresh and unique passphrase each day.
- Filtering and Monitoring for known 'bad-sites' and threats shall be in place at the network level.
- Guests wishing to utilise the service **shall** first register for access, and can then be provided with the passphrase for that day.

Logging and monitoring

POL.WIFI.027: Security monitoring for MoJ wireless networks **shall** be implemented, in accordance with the MoJ security monitoring policy.

POL.WIFI.028: Security logging **shall** be enabled to record activity such as client access events, authentication successes and failures, client association history, and relevant information about devices and users attempting to connect to the wireless network.

POL.WIFI.029: In higher threat environments, security logging **should** also include identification of rogue access points, and logging of all attempted associations with the wifi network.

POL.WIFI.030: For MoJ guest wifi networks, but not including GovWifi, audit logs of sites accessed **shall** be retained for at least 6 months, including authentication details. This data is held to allow forensic analysis of data in the case of a security incident. No personal information except that required to conduct the analysis is logged or retained.

Using third-party wifi

POL.WIFI.031: MoJ staff **shall** ensure they have permission from the network owner before using wifi that is not operated by the MoJ.

POL.WIFI.032: Staff **should** take reasonable precautions to check that their home wifi network is secure.

POL.WIFI.033: Staff **may** use work-provided mobile phones to 'tether' their MoJ-provided devices for connectivity.

POL.WIFI.034: Tethered connections shall be password protected using unique and complex passwords.

POL.WIFI.035: Tethering passwords for MoJ devices shall not be shared with non-MoJ users.

POL.WIFI.036: Public wifi networks or guest wifi provided at third-party sites **shall** only be used by devices which have suitable encryption for MoJ **Official** information. Here, 'suitable' means either an 'always-on full-take' VPN, or that provides appropriate application-level encryption for all services. This is currently (October 2021) limited to Dom1 and PTTP/MoJO laptops and mobile devices.

POL.WIFI.037: Staff travelling overseas **shall** follow the guidance on accessing MoJ IT systems from overseas regarding the use of wifi or other networks.

Enforcement

This policy is enforced by lower level policies, standards, procedures, and guidance.

Non-conformance with this policy could result in disciplinary action taken in accordance with the MoJ's disciplinary procedures. This could result in penalties up to and including dismissal. If an employee commits a criminal offence, they might also be prosecuted. In such cases, the department always cooperates with the relevant authorities, and provides appropriate evidence.

Incidents

Note: If you work for an agency or ALB, refer to your local incident reporting guidance.

Security Team

• Email: security@justice.gov.uk

• Slack: #security

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Information security incident management

Management of information security incidents and improvements

IT Security Incident Management Policy

Classification: OFFICIAL

Scope: All Ministry of Justice (MoJ) staff, contractors, and suppliers.

Expiry: When rescinded or replaced.

Review: Annual review from date of publication, or when required by legislative or departmental changes.

Authors: Security Policy, Awareness, Culture, and Education team (SPACE)

Policy owner: MoJ Information Security Team (MIST)

Authorised by: MoJ Chief Information Security Officer (CISO)

Date of publication: 15/08/2025

Document version: 1.0

1. Introduction

This policy outlines the MoJ mandatory requirements for ensuring that security incidents and near-misses are accurately reported, managed, resolved, and reviewed. All security incidents must be logged via the appropriate platform. This does not include Health and Safety or Operational HMPPS security incidents, for which local reporting and management protocols must be followed.

2. Scope

This policy applies to all MoJ staff, contractors, and suppliers.

3. Responsibilities

- The Cabinet Office (CO) holds the MoJ accountable for submitting a quarterly return on departmental security incidents, providing insights that inform the Government Security Group's strategic view.
- Under the new CO mandated cyber assurance regime (GovAssure), business-critical systems must complete the Cyber Assurance Framework (CAF), which includes a 'Response and Recovery' outcome requiring clear and comprehensive Incident Management Plans that are regularly tested and reviewed.
- All MoJ staff, contractors, and suppliers are responsible for the identification and recording of security incidents and near-misses.
- Designated incident management staff are responsible for the identification and recording of security incidents and near-misses.

• While the policy establishes a minimum baseline, additional measures may be required to meet specific regulations, contractual obligations, or to address particular threats.

4. Policy Statements

All staff **shall** comply with the following policy statements:

- 1. All staff **shall** properly identify, classify, and record security incidents or near-misses relating to MoJ data, sites, IT systems, or people.
- 2. All staff **shall** record identified or suspected security incidents or near-misses as soon as possible after identification and within regulatory timeframes.
- **3.** Staff responsible for contractors and third-party agreements **shall** ensure that all third parties and contractors identify and report security incidents, whether relating directly to them or their supply chain, to the designated MoJ contacts.
- 4. All third parties and contractors shall support the management and resolution of reported incidents.
 - Heads of business areas and directorates shall ensure:
- **5.** That processes are in place to triage, manage, escalate, and resolve security incidents, involving central MoJ security teams as appropriate.
- Staff shall be adequately trained and equipped with the necessary skills and knowledge for effective security incident management.
- 7. Identified incident management staff **shall** take ownership and responsibility for the triage, management, escalation, and resolution of assigned security incidents.
- 8. Staff involved in incident management shall participate in lessons learnt exercises to ensure continuous improvement.
- 9. Effective and proportionate security controls shall be implemented to mitigate any identified risks.

5. Compliance

The Security and Information Directorate (SID) will regularly review this policy and its associated guidance documents to ensure they remain fit for purpose. Routine compliance activities, such as reviews of security controls, will be conducted. Failure to meet policy requirements, in the absence of a formally escalated risk, may result in disciplinary action as per MoJ HR Policies. For external parties and contractors, non-compliance may constitute a breach of contract and, if a criminal offence is identified, may lead to prosecution.

6. Exceptions

Any request for a policy exemption or deviation should be directed to the relevant Senior Information Risk Owner (SIRO), with support from the MoJ Information Security Team. Initial enquiries should be made via the MoJ Security Team at security@justice.gov.uk to discuss potential mitigation options.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Lost devices or other IT security incidents

This guidance applies to all staff and contractors who work for the Ministry of Justice (MoJ).

Related information

Laptops on page 81

What to do if your device is lost, stolen, or compromised

If MoJ data or information is lost or compromised, you should always report it as a data incident.

Note: You can help reduce problems by making sure that devices used for MoJ tasks are always shut down before leaving Government premises. Locking a laptop, or 'putting it to sleep' is not completely secure. A lost or stolen laptop can be accessed more easily if it is only locked or sleeping. A shut down makes sure that all security measures are in place, such as full disk encryption.

The National Cyber Security Centre (NCSC) also offers guidance on how to effectively detect, respond to and resolve cyber incidents.

Business Impact Assessment

The service or system owner should carry out a Business Impact Assessment (BIA) in order to:

- get an overview of the Business as Usual (BAU) functions for the MoJ IT system or service
- get an understanding of the business criticality of the service the MoJ IT system supports
- calculate a Recovery Point Objective (RPO), this is the maximum amount of data the business can afford to lose during a disaster
- calculate a Recovery Time Objective (RTO), this is the amount of time before the disaster begins to seriously impede the flow of normal business operations

Suggested content

Disaster recovery plans are specific to each individual IT system or service. They are intended to offer guidance to every listed role when responding to an incident.

When deciding the content of a Disaster Recovery Plan for an MoJ IT system or service, a useful start is to identify every potential disaster that may affect the system or service, together with procedures to resolve each one.

Each Disaster Recovery Plan should include:

- the point at which the recovery plan should be used
- a clear and detailed process to recover the MoJ IT system to BAU
- a list of key roles and a description of their responsibilities each role should have at least two sets of contact details
- a list of internal and external stakeholders to be contacted as soon as the incident happens, each stakeholder should have at least two sets of contact details
- a communication list of everyone who needs to be contacted, together with the chains of communication that **shall** be followed
- a list of people who can undertake the role of recovery manager
- a series of steps to follow in order to mitigate the incident
- a list of criteria needed to initiate a forensic investigation, and the role(s) responsible for it
- clear instructions on how to escalate to a higher level of incident response, to include names and contact details
 and the reason for escalating the incident
- · methods to maintain business continuity whilst the MoJ IT service is unavailable
- · a process to identify and capture lessons learned during the incident
- the requirement for a written report for medium and high impact incidents

All plans **should** be stored securely both online and offline. Roles and stakeholders mentioned in the plan **should** know of its location and be able to access it.

Reviewing and testing

Disaster Recovery Plans **shall** be reviewed regularly, and updated if there have been any changes to systems or services, personnel, or communication chains.

Plans **shall** be tested and practiced regularly to help familiarise each of the roles with their responsibilities within the response process.

This is not an exhaustive list. If you need support in creating a plan, please contact the Service Operations Centre (SOC) and the Major Incident Team.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Roles and Responsibilities

POL.ITDR.002: All Disaster Recovery Plans shall contain an up to date list of roles and responsibilities.

Each role shall have a name, with at least two sets of contact details.

POL.ITDR.003: All staff who are listed in a Disaster Recovery Plan **shall** be aware of their role and its responsibilities.

The list of roles and responsibilities **should** include internal and external stakeholders, together with everyone listed on the communications list.

The list of roles and responsibilities shall align with the Incident Management Plan (IMP).

A variety of individuals and teams may be responsible for business and IT service continuity, and escalation in case of a disaster. These may include:

- Executive Committee
- Senior Information Risk Owner (SIRO)
- Chief Security Officer (CSO)
- Information Asset Owner (IAO)
- Service Operations (SO), which includes the Major Incident Management Team and the Security Operations Centre (SOC)
- · IT Service Continuity Management

A Disaster Recovery plan **should** include the relevant escalation process through the teams and individuals listed for each MoJ IT system.

Planning

An IT Disaster Recovery Plan supports the decisions and steps taken to reduce the effects of disasters and identifies the steps needed to recover MoJ IT systems back to BAU.

An IT Disaster Recovery Plan shall:

- · contain identified risk scenarios and strategies to recover from them
- describe the circumstances in which the plan is invoked.

Business Impact Assessment

A Business Impact Assessment (BIA) **shall** be undertaken to identify the key disaster recovery requirements of the assets, services, and business processes supported by a specific MoJ IT system.

The BIA should contain:

- a Recovery Time Objective (RTO): the time between a disaster event occurring and full IT systems and services being restored
- a Recovery Point Objective (RPO): the period of time during which the business can tolerate data loss

POL.ITDR.004: A Disaster Recovery Plan **shall** contain an RTO and RPO. The plan may contain more than one of these depending on the system.

POL.ITDR.005: Any disaster recovery action **shall** ensure that the IT system can recover from a disaster within the RTO recorded in the BIA.

POL.ITDR.006: Any disaster recovery action **shall** ensure that the IT system can recover from a disaster within the RPO recorded in the BIA.

Testing and Readiness Review

An IT Disaster Recovery Plan shall be tested regularly to ensure that:

- the plan remains fit for purpose
- the plan reflects all changes in personnel and updates to system information
- · everyone with a role in the plan knows their responsibilities

POL.ITDR.007: Each MoJ IT system **shall** have its IT Disaster Recovery Plan tested before commencing live operations.

POL.ITDR.008: All IT Disaster Recovery Plans **shall** be tested at least annually, and after significant update to an MoJ IT system. The testing schedule **shall** be outlined in the IT Disaster Recovery Plan.

POL.ITDR.009: The IT Disaster Recovery Plan **shall** be reviewed after each test and updated as required to ensure it is fit for purpose.

POL.ITDR.010: Each IT Disaster Recovery Plan shall define the circumstances when the plan is to be invoked.

Reporting and Alerting

The reporting and alerting structure of an IT Disaster Recovery Plan **should** align with that of the corresponding IT Security Incident Response Plan.

Every stakeholder that needs to be informed, **should** be listed as a key contact within the plan.

POL.ITDR.011: The reporting and alerting structure within an IT Disaster Recovery Plan **shall** align with the relevant IT Security Incident Management Plan and Business Continuity Plan. Responsibility for business continuity resides with the SO.

Recovery and Review

The process to recover from a disaster event **shall** ensure that security vulnerabilities are not introduced or reintroduced during the restoration process.

POL.ITDR.012: Each IT Disaster Recovery Plan **shall** contain pre-defined and tested processes and procedures to restore an MoJ IT system or services, which has been disrupted or disabled during a disaster event.

POL.ITDR.013: Each Disaster Recovery Plan **shall** describe in detail the procedures to enable an MoJ IT Security System return from recovery mode to BAU.

Lessons learned **shall** be collated in an after-action report and be fed back to appropriate stakeholders.

POL.ITDR.014: Following a disaster incident, an after-action report shall be produced, which contains:

- · all lessons learned
- · actions to be taken to update processes and plans

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

IT Investigations - Planning and Operations Policy

How to use this policy

This policy is for technical users. Technical users include:

- · Technical architects
- · DevOps specialists
- IT service managers
- Software developers

This policy is part of a set of Ministry of Justice (MoJ) policies and supporting guides that cover various aspects of incident and disaster management and response.

The policies are:

- IT Security Incident Management Policy
- IT Disaster Recovery Policy
- IT Investigations Planning and Operations Policy

The supporting guides are:

- IT Security Incident Response Plan and Process Guide
- IT Disaster Recovery Plan and Process Guide

Policy Statements

This policy refers to Policy Statements, POL.POP.001 to POL.POP.015.

POL.POP.XXX indicates the specific policy statement to be adhered to.

IT Forensics

IT forensics is the collection, storage, analysis and preparation of digital evidence that might be required in legal or disciplinary proceedings,

Data used in a forensic investigation **shall** be collected, preserved and analysed using systemic, standardised and legally compliant methods.

This will ensure that data gathered is admissible as evidence in a legal case, dispute or disciplinary hearing relating to an IT security incident.

There are two types of forensic investigation:

- · proactive forensic monitoring as part of an indentified MoJ security control
- · reactive investigation where a suspicious incident has been identified or reported

A forensics investigation **should** be carried out:

- if an area needs proactive monitoring to enable forensic investigation
- if a business function makes a request via incident management escalation channels, to gather forensic evidence.
- if an investigation is requested as part of the IT security incident management process
- if requested as part of a leak investigation.

POL.POP.001: Each MoJ IT system or IT domain shall be covered by a Forensic Readiness Plan.

POL.POP.002: Each Forensic Readiness Plan shall include:

- · an assessment of the risk management benefits
- authorisation from the IT Security Team and Senior Information Risk Officer (SIRO)
- · a corresponding IT security incident management plan

Risk management benefits include risk assessments and cost-benefit-analysis, which will determine if an investigation is viable from a risk and cost perspective.

POL.POP.003: Forensic investigations in support of leak investigations **shall** be requested by the individual responsible for the leak investigation.

Integrity of Digital Evidence

POL.POP.004: Each forensic investigation **shall** be guided by the principles set out by the ACPO guidelines issued by the National Police Chiefs' Council (NPCC).

The integrity of data, which **might** subsequently relied upon in court, **shall** be maintained throughout the forensic investigation process.

Any person accessing data as part of an investigation **shall** be competent to do so and able to justify the relevance and implications of their actions.

Each investigation **shall** be documented clearly and leave an audit trail that will enable a third-party to examine each process and replicate the findings,

The person leading the investigation is responsible for ensuring that all methods used are carried out in accordance with the law.

Investigations shall be conducted in line with MoJ policies.

Security teams **should** be able to monitor systems to detect and respond to potential security incidents. If an incident needs to be investigated further, forensic tools **may** be used to assess and gather evidence.

The Forensic Investigation Owner (FIO) is responsible for the collection and management of digital evidence.

An external organisation may conduct the investigation on behalf of the MoJ.

Each item of evidence collected shall be managed according to the relevant Forensic Readiness Plan.

POL.POP.005: Each Forensic Readiness Plan **shall** include a process for the collection and storage of digital evidence, to include provision for where this task is conducted by an external organisation.

POL.POP.006: All users of an MoJ IT system **shall** be made aware that their access is monitored, and that IT forensic techniques **may** be used to capture evidence as part of an investigation into an IT security incident.

POL.POP.007: A Forensic Readiness Plan **shall** contain clearly defined procedures and methods for conducting a forensic investigation. The MoJ **shall** be able to resume business operations following an IT security incident. Any forensic investigation **shall** be conducted in a manner that enables the restoration of MoJ IT services.

POL.POP.008: A Forensic Readiness Plan **shall** consider business continuity arrangements to ensure that essential functions are able to be restored. Digital evidence **shall** be handled carefully in order for it to remain admissible.

POL.POP.009: Each forensic investigation shall have a clearly documented chain of custody for all digital evidence.

POL.POP.010: The MoJ Security Team is responsible for the integrity of digital evidence. Each forensic investigation **shall** have a named FIO who is responsible for the investigation and management of digital evidence.

POL.POP.011: Any investigative action taken on a piece of evidence **shall** be captured and recorded. This record **shall** include details of the action taken and the person responsible for undertaking that action.

POL.POP.012: Admissibility of evidence in a court of law depends on how the evidence was captured. Before capturing any evidence, advice **shall** be sought from the MoJ legal team and forensic investigation provider.

POL.POP.013: Each Forensic Readiness Plan **shall** include details of how to securely dispose of evidence when it is no longer required. This **shall** conform with Secure disposal of IT equipment.

Legal Requirements

Investigations of electronically stored information within the MoJ **shall** conform to the latest legal and regulatory guidelines.

BS 10008:2022 provides information on the collection of electronically stored information as evidence.

POL.POP.014: During each forensic investigation, methods used to capture digital evidence **shall** be in accordance with BS 10008:2022.

Reporting and Communication

Each IT Security Incident Management Plan contains a communication plan and an escalation plan that **shall** be followed when responding to an IT Security incident.

The IT Security Incident Response Plan and Process Guide gives more information.

For major incidents it might be necessary to consider escalating the forensic investigation process to an external body. This might be:

- Law Enforcement
- National Cyber Security Centre (NCSC)
- Cabinet Office
- MoJ legal advisors
- Other Government Agencies as required

POL.POP.015: Each Forensic Readiness Plan **shall** include the reporting structure and escalation path for internal and external teams and the individual responsible for managing the incident. This **shall** be consistent with the

Reviewing and testing

Incident Response Plans **shall** be reviewed regularly, and updated if there have been any changes to systems or services, personnel, or communication chains.

Plans shall be tested and practiced regularly to help familiarise each of the roles with the response process.

This is not an exhaustive list. If you would like support in creating a plan, please contact the Service Operations Centre (SOC) and the Major Incident Team.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Compliance

Compliance with legal and contractual requirements

Data security and privacy

Data Security and Privacy

We believe that our technology must keep data safe and protect user privacy.

Our digital projects contain important information. Serious data breaches might result if we fail to:

- · protect information
- handle it correctly at all times
- · dispose of it safely when it is no longer required

Breaches might cause:

- · harm to individuals
- financial loss to the Ministry of Justice (MoJ)
- a loss of confidence in us as an organisation

For personal data, the EU General Data Protection Regulation (GDPR) and UK Data Protection Act (2018) apply. These make the consequences of data breaches very clear.

To follow the data regulation/legislation, we **must** ensure that:

- we protect data to the best of our organisation's capabilities
- we collect data only for described, lawful purposes
- we use data only for the described, lawful purposes

Why are security and privacy important?

Breaches can have an adverse effect the relationship between citizen and government.

Not only do we have a duty to protect citizens data, but the penalties for violations are also severe. Under the GDPR, serious infringements can result in fines of up to €20M.

We must apply appropriate security and privacy protection to all the information we hold and process, at all times.

We should treat all data as sensitive unless proven otherwise.

All our work must follow this ethos.

When this applies

This principle applies to all MoJ technology projects and business activities.

While GDPR applies only to personal information, all MoJ projects and tasks must have excellent data security and privacy characteristics. If they handle personal data, they must do so correctly. Projects must follow MoJ guidelines unless exceptional and approved circumstances apply.

The Information Commissioner's Office (ICO) - the UK's independent regulatory office for data protection - has published guidance on how to determine what is personal data.

A Data Protection Impact Assessment (DPIA, formerly commonly known as a Privacy Impact Assessment or PIA) is required for all projects. There are some exceptions described by the ICO.

Data privacy

The MoJ Data Protection Team provides services, guidance, and support for all aspects of data privacy and protection.

For example, they have protocols and procedures to help ensure acceptable use of personal information.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Risk Assessment Process

Risk Reviews

Information and the supporting processes, systems and networks are important and valuable Ministry of Justice (MoJ) assets. They are central to enabling the MoJ to perform its functions and provide services to the public, the legal professions, and other government departments and organisations.

Confidentiality, integrity and availability of information is essential to maintain the MoJ's ability to provide efficient and effective services, maintain compliance with legal and regulatory requirements, and maintain its and the Government's reputation.

The MoJ and its information systems and networks are faced with security threats from a wide range of sources, including computer-assisted fraud, sabotage, vandalism, fire and flood. Sources of damage such as computer viruses, computer hacking and denial of service attacks have become more common, more ambitious and increasingly sophisticated.

The MoJ's dependence on its information systems and services means that there is always a possibility of technology-enabled security threats. Connections between the MoJ's computer networks and public and other private networks, and sharing of information resources, further increase the difficulty of achieving and maintaining control.

It is essential that the MoJ identify its information security requirements. There are three main sources of these requirements.

- The legal, statutory, regulatory and contractual requirements that the MoJ, its partners, contractors and service providers have to satisfy.
- The principles, objectives and requirements for information processing that the MoJ and Government have developed to support their operations, for example the protective marking system and government baseline security standards.
- Assessed risks to the MoJ. Through risk assessment, threats to assets are identified, the potential business impacts of these threats are estimated, and the vulnerability to and likelihood of occurrence of the threats are evaluated.

Assessing information security risk

Security requirements are identified by a methodical assessment of security risks. Expenditure on security controls needs to be balanced against the business harm likely to result from security failures. Risk assessment is systematic consideration of:

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.

Glossary and Acronyms

Glossary

This information is a reference list of Ministry of Justice (MoJ) terms and abbreviations.

A more extensive list of acronyms is available here.

The NCSC has a comprehensive cybersecurity glossary available on its website.

Terms

2FA Refer to Multi-factor authent	ication.
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Authorised User Any user of services covered as authorised by the MoJ.

Blue Team The internal security defence team in an organisation.

Within the MoJ, this work is performed by the Security

Team.

Brute Force Attack

The application of lots of computer power, to try and

perform a task using a huge number of values. Typically used to try out many passwords, to gain access to

systems.

Business Continuity Plan (BCP)A document that outlines the procedures in place for a

business to continue to operate, despite an unexpected disruption to services. These disruptions might be things such as cyber attacks, pandemics, or natural disasters.

Credentials Information used to prove someone's identity, to confirm

that they really are who they say they are. Typically

includes passwords, tokens, and certificates.

Critical infrastructure attack Critical infrastructure refers to the physical and cyber

structures, facilities, and systems that are essential for a country to function. Attacks on these resources would harm the physical security, economic security, or public

health of the country.

Customer Someone who buys goods or services. The customer of

an IT service provider is the person or group who defines and agrees the service level targets. The term customers is also sometimes informally used to mean users, for example "this is a customer focused organisation".

Dark web Generic name for encrypted online content that is not

indexed by search engines. The information is only

accessible with special software or tools.

Data breach An incident where data is accessed in a non-authorised

way.

Decryption The reverse of an encryption process.

Distributed Denial of Service (DDoS) attack

Legitimate users cannot access computer services, because threat actors are overloading the service with requests. Also referred to as a Denial of Service (DoS) attack.

Digital footprint

A collection of data and information traces left behind by a user, as they do activities online. For example, all the things you've ever searched for on Google.

Double encryption ransomware

Refer to ransomware.

Encryption

The process of converting human-readable text into unreadable 'disguised' information, or 'ciphertext'. You can see it, but you can't understand it. Only someone with a decryption key can convert ('decrypt') the unreadable information back into human-readable form again.

Exfiltrate

The formal name for a technique used by threat actors and malware to surreptitiously copy and transfer data out of a system. This is data theft.

Exploit

A program or process that takes advantage of a vulnerability in a system to cause system problems, or to access or modify information without authorisation.

Incident

Any event which is not part of the standard operation of a service, and which causes, or might cause, an interruption to, or a reduction in, the quality of that service. A breach of the security rules for a system or service.

Incident Management

The process responsible for managing the lifecycle of all incidents. The primary objective of incident management is to return the IT service to users as quickly as possible.

Insider threat

Any threat from current or former employees of an organisation who have inside information or authorised credentials that might be used to cause harm to the organisation, accidentally or maliciously.

Macro

A small program or script that automates tasks in an application, such as Microsoft Office. Might be used by attackers can use to gain access to, or harm, a system.

Malware

Malicious software. This includes things like viruses, trojans, worms, or any code that can have a negative impact on an a system.

Multi-factor authentication (MFA)

Use of two or more different components to verify a user's claimed identity. Typically an extra component, in addition to a password. MFA often uses an authenticator app or SMS text to deliver a single use code. Also Two-factor authentication (2FA).

Open Source Intelligence (OSINT)

Information gathered from public information. This includes data from social network accounts, company websites, and other openly available information sources.

Operational Security Team (OST)

Deprecated name for the Security Team within the MoJ. The Security Team help protect against cyber attacks, and help manage incidents. Sometimes referred to as

the Blue Team. They can be contacted through email:

to the public, as well as for decrypting the system.

organisational security by simulating cyber attacks as

This is an internal or external team that tests

security@justice.gov.uk.

Out of band check An additional check performed using a different communication channel, to verify identity or intent. The check helps prevent phishing or social engineering attacks. For example, if you receive an email from a senior manager, asking you to perform an unusual task, you should want to check that the request is genuine. If you reply by email to the original request, that's an 'in band' check, and can't be trusted, because it's possible the manager's email has been compromised. But if you called the manager by mobile phone to check the request, that's using a different communication technology, so it's an out of band check. A threat actor would have to compromise both the manager's email and their mobile phone account to succeed in tricking you. For more detail on out of band checks, refer to this additional information. **Password** A secret string of characters, numbers, and often symbols. When used with a valid user ID, a password enables access to an account. **Patching** Applying updates to software or firmware to improve security and enhance functionality. **Phishing** Untargeted mass emails sent to many individuals. The email typically asks for sensitive information, or encourages you to visit fake websites, or to send money. For more information, refer to the phishing guide. **Problem** A cause of one or more incidents. The cause is not usually known at the time a problem record is created, and the Problem Management process is responsible for further investigation. **Problem Management** The process responsible for managing the lifecycle of all problems. The primary objectives of Problem Management are to prevent incidents from happening, and to minimise the impact of incidents which cannot be prevented. **Process** A structured set of activities designed to accomplish a specific objective. A process takes one or more defined inputs and turns them into defined outputs. A process might include any of the roles, responsibilities, tools, and management controls required to deliver the outputs reliably. A process might define policies, standards, guidelines, activities, and work instructions if they are needed. Ransomware Malicious software that makes data or systems unusable by encrypting it and then demanding a payment from the victim to decrypt it. Double Extortion Ransomware exfiltrates the data before encryption and demands a ransom payment to stop the threat actor releasing the data

Red team

realistically as possible. Together with the Blue Team, the team helps to improve the cyber defences of the

organisation.

Resolution Action taken to repair the fundamental cause of an incident or problem, or to implement a workaround. **Resolver Group** May include a wide range of IT teams, including support and development personnel, other Service Management Functions (SMFs), other units within the organisation, outsourcing providers, partners, and other third parties. Service Desk The single point of contact between the service provider and the users. A typical Service Desk manages incidents and service requests, and handles communication with the users. Manipulating people into doing things or divulging Social engineering information that is of use to a threat actor. **Tabletop** An exercise created to try out Business Continuity Plans (BCPs). These exercises create realistic scenarios, and play through a number of obstacles, to ensure organisations have robust BCPs. **Tailgating** An unauthorised individual forcefully or stealthily gaining access to a building, typically by entering immediately behind an authorised user. Threat actor A general term that encompasses all types of individuals and groups that use cyber methods to cause harm. This includes competitors seeking to steal information, cyber criminals attacking for political or monetary gain, accidental or malicious insider threats, spies, social and political activists, and assorted hackers. **Trend Analysis** Analysis of data to identify time related patterns. Trend analysis is used in Problem Management to identify common failures or fragile configuration items, and in Capacity Management as a modelling tool to predict future behaviour. It is also used as a management tool for identifying deficiencies in IT Service Management Processes. Virtual Private Network (VPN) An encrypted network created to allow secure connections for remote users. Vulnerability A weakness in software, a system, or process. A threat actor might seek to exploit a vulnerability to gain unauthorised access to a system. Zero day (0day) A vulnerability in a system that few people know about. threat actors can exploit an Oday to attack or affect data

and systems.

The assumption that all requests and connections are potential breaches, and so must be verified and

authenticated before being allowed.

Zero trust

Out of band checks

An out of band check is when an individual uses a different method of communication than the one the message came from. This method means that if one communication method is compromised, you quickly find out by using a different communication method to confirm validity. The likelihood of multiple communication methods for the same person or team being compromised is low.

Out of band checks are an easy method to confirm the legitimacy of communications and requests. They can confirm the identity behind a message or request, and they can confirm the validity of the message or request itself. Social engineering techniques and phishing tactics take advantage of people who do not use out of band checks. By doing an out of band check, these sorts of attacks can be stopped very easily.

Example 1: You receive an email request for an urgent review of an invoice, and immediate payment. The email comes from someone unexpected. You should find the official contact details of that person, and contact them using a phone call - but not email - to confirm that they did indeed send the original email. If they did send the email, you can proceed with the request. If they did not send the email, you can report the email as a phish, and also alert the owner of the email address that their email address might have been compromised.

Example 2: You receive a phone call from someone claiming to be your bank, or HMRC, or HMCTS. You hang up the call, and locate the official website for the company. You should be able to find multiple official contact details there. Use one of these to contact the place the caller claimed to be from. If, for example, the claim was that your bank was calling, you can call the direct number and speak to the switchboard about the reason for the initial call. They will forward you to the correct department. You can then confirm the validity of the original call, and so confirm whether the original caller was actually from your bank or not.

Example 3: Someone enters your place of work, and claims to have a meeting with a specific person. Unfortunately, there is no record of this on the expected visitor list. You can call or email the person within your place of work to confirm the visitor is legitimate. This check also works if tradespeople arrive unexpectedly, because you can contact both the relevant person within your place of work and also contact the company they claim to be from, using the company's official website contact details.

Example 4: You receive an email requesting that you reset your password immediately. The email contains a link to perform the password reset. You have not attempted to login to that account recently. You should use an internet search for the website or type the URL directly if you know exactly what it should be. When you attempt to login, the website will let you know if you need to reset your password. If not, you know someone else has attempted to gain access to your account. That would mean the password reset request was not legitimate, and most likely a phishing attempt hoping to get your username and password through the reset link in the original email. Similarly, if you get an MFA request unexpectedly, do not confirm it unless you were indeed attempting to access that account immediately before the request came through. If you get an MFA request, but had not been trying to connect using the account, you should change the account password as soon as possible, because it might have been compromised.

When doing an out of band check, be sure to pick a different method of communication to the one used to contact you originally. If someone emails you unexpectedly, perform an out of band check by making a phone call. If someone calls you, perform an out of band check by using the Internet. It is very unlikely that multiple communication channels have been compromised.

Be sure to get official contact details for companies only from their official websites. Never be afraid to hang up on someone and check their identity through another method, especially if they are asking for sensitive or personal information or credentials. Never be afraid to check the legitimacy of unusual email requests. by contacting the sender through a different communication channel.

Doing an out of band check lets you confirm that the messages come from the person they claim to be, and that the requests are valid. This helps prevent you or your company from losing money to fake invoices, from accidentally giving up sensitive information or credentials, and from having unauthorised individuals in your place of work. Doing an out of band check is fast and easy.

All members of your workplace should be happy to receive such a check. It shows that you take security seriously, and that you are helping to protect them as well as yourself.

Contact and Feedback

For any further questions or advice relating to security, or for any feedback or suggestions for improvement, contact: security@justice.gov.uk.



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