Ministry of Justice (MoJ) Cyber Security Guidance: Intranet Edition

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Intranet landing page

This document is an offline version of the security policy and guidance decisions that the Ministry of Justice (MoJ) has made for the products we operate, and our relationships with suppliers.

This guidance is dated: 1 April 2021.

It is time-limited, and is not valid after 1 May 2021.

Equipment

Clear screen and desk

Clear Screen and Desk

Clear Screen

Users shall comply with the following:

- Digital Services 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 (set to 5 minutes by default). This 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.

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 etc. are not available, doors must 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.

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.

Data and equipment management

Bluetooth

Introduction

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

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.

Accessibility

Some types of Bluetooth devices are not allowed, by default. However, where there is a good reason for requiring a Bluetooth device, such as for Accessibility reasons, then a request for an exception to use the device will be treated sympathetically and permitted wherever possible.

Contact the Cyber Assistance Team by email: CyberConsultancy@digital.justice.gov.uk

Bluetooth devices and risks

Examples of Bluetooth devices, and whether they might be used for business purposes, are as follows:

Bluetooth device	Suitable for MoJ work purposes (Y/N)
Keyboards	Y
Mouse	Y
Telephone headsets	Y
Headphones	Y
Earbuds	Y
Trackpads	N - but exception possible for Accessibility reasons
External speakers	Y - but be aware of other people or devices nearby that might be listening
Gaming joysticks and controllers	N - but exception possible for Accessibility reasons
Laptops	Y - for MoJ-issued devices
Hearing aids	Y
Watches and Fitness bands	N

Bluetooth device	Suitable for MoJ work purposes (Y/N)
Smart TVs	N - requires authorisation
Storage devices (similar to USB 'thumb' drives)	N
Internet-of-things 'Smart speakers'	N

A Bluetooth device might be at risk from any of the following:

- Eavesdropping
- Unauthorised access
- Message modification
- Denial of service
- Data exfiltration
- Insecure data transmission
- Phishing

An example of a Bluetooth problem is 'bluetooth marketing'. As your walk around with your mobile phone, it is continuously looking for Bluetooth devices and WiFi access points. It does this to help with acurate location tracking. But other devices can also see your mobile phone. These devices might report tracking information about where you were at any time. This guidance will help you understand more about the problem, and suggest things you can do to reduce the risks.

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 see 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 undiscoverable if you can. Only make the device discoverable when you need to connect to a trusted device.

At regular intervals, check to see 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 see 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 details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

Email

For general assistance on Ministry of Justice (MoJ) security matters, email security@justice.gov.uk.

For Cyber Security assistance or consulting, email CyberConsultancy@digital.justice.gov.uk.

Suppliers to the MoJ should primarily contact your usual MoJ points of contact.

Information Classification, Handling and Security Guide

Introduction

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.

Classifying information

The three information security classifications the MoJ uses are `OFFICIAL`, `SECRET`, and `TOP SECRET`. This follows the HMG Government Security Classifications Policy.

Each information security classification has a minimum set of security measures associated with it that need to be applied. These security measures might change, depending on the information lifecycle stage.

Classification	Description
`OFFICIAL`	All information related to routine business, operations, and services. If this information is lost, stolen, or published, it could have damaging consequences, but is not subject to a heightened threat profile. For regular, unsupervised access to `OFFICIAL` information, someone would be expected to have achieved Baseline Personnel Security Standard (BPSS) assessment.

Classification	Description
SECRET	Very sensitive information that requires protection against highly sophisticated, well-resourced, and determined threat actors. For example, where compromise could seriously damage military capabilities, international relations, or the investigation of a serious crime. For regular, unsupervised access to SECRET information, someone would be expected to have passed National Security Vetting Security Check (SC) clearance. In exceptional circumstances, someone with BPSS might be granted occasional supervised access to UK SECRET assets, or be required to work in areas where SECRET or TOP SECRET information might be overheard.
TOP SECRET	Exceptionally sensitive information that directly supports, or threatens, the national security of the UK or its allies, and requires extremely high assurance of protection from all threats.

Securing the MoJ's information must be done with a combination of information security measures:

Type of Measure	Description
PERSONNEL	Personnel should be aware of their security responsibilities and in turn acquire security clearances and undertake training to support the MoJ's information security objectives.
PHYSICAL	Tangible measures that prevent unauthorised access to physical areas, systems, or assets.
TECHNICAL	Hardware or software mechanisms that protect information and IT assets.

It is important to understand that security classification is determined by the level of risk in case of loss or unauthorised access, and not by the type of information.

It is the responsibility of the Data Owner to classify the data.

- Most production data is OFFICIAL information. Within this, some production data might be classified as SECRET information.
- Most personal data is OFFICIAL information. Within this, some personal data might be classified as SECRET information if it meets the risk threshold defined.

The table below sets out the definitions for each security classification, as well as whether it is necessary to explicitly “mark” a piece of information with its classification type.

Classification	Definition	Marking
OFFICIAL	All information related to routine public sector business, operations and services. Almost all personal information falls within the OFFICIAL classification.	

Classification	Definition	Marking
	OFFICIAL-SENSITIVE is not a separate security classification. It should be used to reinforce the "need to know" principle, beyond the baseline for OFFICIAL.	OFFICIAL data does not need to be marked except where SENSITIVE, and must be marked OFFICIAL-SENSITIVE.
SECRET	Very sensitive information that requires protection against highly sophisticated, well-resourced and determined threat actors, for example serious and organised crime.	Must be marked
TOP SECRET	Exceptionally sensitive information that directly supports (or threatens) the national security of the UK or its allies and requires extremely high assurance of protection from all threats.	Must be marked

Additional information on how to manage information is described in the Information Asset Management Policy.

Information security classification may change throughout the information lifecycle. It is important to apply appropriate security classifications and continually evaluate them.

The consequences of not classifying information correctly are outlined below:

- Applying too high a marking can inhibit business operations, such as collaboration, and lead to unnecessary and expensive protective controls being applied.
- Applying too low a marking may result in inappropriate controls, and may put sensitive assets at greater risk of compromise.
- Incorrect disposal can lead to unauthorised access to information. Disposal of information should be done using approved processes, equipment or service providers.

OFFICIAL and OFFICIAL-SENSITIVE

All of the MoJ's information is, at a minimum, OFFICIAL information. It is very likely that the information you create and use in your MoJ day-to-day job is OFFICIAL information.

Examples include:

- Routine emails you send to your colleagues.
- Information posted on the intranet.
- Supplier contracts.
- Information and data you use to build a database, such as database secrets, record types, and field types.
- Most production data.
- Most non-production data.

OFFICIAL means that the MoJ's typical security measures are regarded as sufficient.

OFFICIAL-SENSITIVE "whilst not a formal classification", should be used sparingly, so that its effectiveness is not weakened. This is especially important when you consider that OFFICIAL is already well-protected.

Use OFFICIAL-SENSITIVE when you want to remind users to be careful when handling information. This asks them to use extra care, beyond what is expected for the baseline OFFICIAL classification.

SECRET

The threshold for classifying information as SECRET information is very high. It is unlikely that you will encounter SECRET information in your day-to-day job.

SECRET information should not usually be handled unless you have sufficient and valid clearance. If you have gained access to information that you believe is SECRET, contact the Cyber Assistance Team (CAT) immediately: CyberConsultancy@digital.justice.gov.uk.

To help decide whether some information should be classified as SECRET, ask yourself a simple question:

> If a hacker gained unauthorised access to the information, could it compromise the security or prosperity of the country?

The answer is most likely "No". In that case, you should consider using the OFFICIAL classification.

TOP SECRET

If the threshold for classifying information as SECRET is very high, the threshold for classifying information as TOP SECRET is extremely high. It is very unlikely that you will encounter TOP SECRET information in your day-to-day job.

TOP SECRET information should not be handled unless you have sufficient and valid clearance. If you have gained access to information that you believe is TOP SECRET, contact the Cyber Assistance Team (CAT) immediately: CyberConsultancy@digital.justice.gov.uk.

To help decide whether some information should be classified as TOP SECRET, ask yourself a simple question:

> If a hacker gained unauthorised access to the information, would it directly and immediately threaten the national security of the country?

The answer is most likely "No". In that case, you should consider using the OFFICIAL or SECRET classification, as appropriate.

Reclassifying information

The asset owner has responsibility for reclassifying an asset. If another user has reason to believe that an asset is incorrectly classified or has an incorrect handling caveat, they should normally discuss this with the asset owner. The other user cannot unilaterally reclassify the asset.

The exception is where the asset might need a higher classification than that assigned by the asset owner. The reclassification must still be communicated to the asset owner, for consistency. If it is agreed that the classification should be increased, check with the Operational Security Team (OperationalSecurityTeam@justice.gov.uk) whether additional actions are required to protect the material.

Reclassification examples

When deciding whether it is appropriate or desirable to reclassify information, a useful model is to consider what audience might get value from accessing the information. For example, if a hostile country might want the information, then the information might well be best classified as SECRET. Alternatively, a reclassification decision might be required as a result of changing threat advice from intelligence agencies.

Example 1

An asset owner creates a report. The report contains potentially private information about individuals. The asset owner decides that the report should be classified as OFFICIAL, with the SENSITIVE handling caveat.

A user wishes to share a copy of the report "as-is" with their team. They cannot remove the handling caveat without prior discussion and agreement from the asset owner.

Example 2

An asset owner creates a report. The report contains potentially private information about individuals. The asset owner decides that the report should be classified as OFFICIAL, with the SENSITIVE handling caveat.

A user wishes to share a subset of the report with their team. In particular, the report is substantially re-worked to remove all the private information. The user becomes the owner of this new asset. They are responsible for this new asset. They can decide that the SENSITIVE handling caveat is not required.

The original report retains its OFFICIAL classification and SENSITIVE handling caveat.

Example 3

An asset owner creates a report. The report contains information about plans to handle a pandemic. The asset owner decides that the report should be classified as `OFFICIAL`, with the `SENSITIVE` handling caveat.

A user reviews the report. They realise that the information could potentially compromise the security or prosperity of the country. They decide to increase the classification of the report, and treat it as `SECRET`. They discuss this decision with the asset owner, so that the original report is correctly reclassified.

Handling and securing information

The HMG Government Security Classifications Policy is the most comprehensive guide on the security measures necessary for each of the three security classifications, including measures related to the following:

- Personnel (administrative) security.
- Physical security.
- Technical (information security).

The following sections set out the minimum measures you need to consider when handling and securing information within the different levels of classification.

Handling and securing `OFFICIAL` and `OFFICIAL-SENSITIVE` information

Type	Measure	Example
`PERSONNEL`	Make sure all MoJ staff including contractors undergo baseline security clearance checks.	A contractor working with the MoJ Security Team must undergo a baseline background check (i.e. BPSS check) at minimum. Refer to Security Vetting Guidance.
`PHYSICAL`	Make sure that you lock your screen before you leave your desk.	
	When working in an unsecured area, for example when working remotely, think about whether unauthorised people might be able to eavesdrop on your conversations, or look over your shoulder at your screen.	
	The MoJ has additional requirements when moving assets which can be found in the HMG Government Security Classifications Policy.	A software developer working from a flatshare should take calls in private, and use headphones and a privacy screen.
	Transferring information from one location to another requires planning and preparation, including a risk assessment. More information on this is available in the HMG Government Security Classifications Policy, and from your manager.	A technical architect working on the requirements for a new MoJ platform should lock their laptop before leaving their desk.

Type	Measure	Example
TECHNICAL	Protect information "at rest" by using appropriate encryption.	In the development of a new cloud-hosted solution, the following criteria should be considered: remote access connections and sessions are encrypted using an appropriate VPN; information stored "at rest" on end user devices and the cloud is encrypted; information in transit between the end user and the cloud service, such as payment services, is encrypted; and the cloud service used is a Digital Marketplace (GCloud) service.
	Appropriate encryption is also necessary when protecting information in transit.	When using any services over the PSN, make sure you fully read the agreements that you make with the service provider for details and definitions about the data you use or transfer using the service, to ensure you understand the risks to compliance, confidentiality, integrity, and availability.
	Digital Marketplace (GCloud) services can be used for OFFICIAL information.	
	You must not use removable media such as an USB memory stick unless it is unavoidable. When you have to use one, it must be MoJ issued, encrypted so that the effects of losing it are minimised, and the data erased securely after use.	

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.

Handling and securing SECRET information

Type	Measure	Example
PERSONNEL	Make sure employees and contractors undergo Security Check (SC).	A contractor working with the MoJ Security Team must have at least SC before being allowed to access SECRET information.

Type	Measure	Example
PHYSICAL	Consider using multiple layers of security to protect SECRET information. SECRET information should be held on a secure computer network which is physically isolated from unsecured networks and the internet.	Imagine you are moving locations for a server used to host SECRET information. The encrypted server is secured in a locked and monitored room in 102 Petty France. You have now decided to move it to 10 South Colonnade. This should only be done after relevant parties, including the data owner, line manager, and the system owner, have reviewed and accepted the risks associated with this transfer. The transfer should then be handled by two SC-cleared individuals, for example, employees of a specialised commercial courier company.
	Transferring SECRET information from one location to another requires planning and preparation, including the completion of a Risk Assessment and the use of SC-cleared personnel. More information on this is available in the HMG Government Security Classifications Policy and from your manager.	
TECHNICAL	SECRET information at rest should be protected with very strong encryption. Contact the MoJ Security Team for more information: security@justice.gov.uk.	
	Care should be taken to ensure that SECRET information in transit is only shared with defined recipient users through assured shared infrastructure or using very strong encryption.	
	SECRET information should be processed on IT systems which have been approved for the SECRET threat model. Advice on what commercial IT systems meet this requirement is available from the MoJ Security Team: security@justice.gov.uk	

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.

Handling and securing TOP SECRET information

Type	Measure	Example
PERSONNEL	Ensure employees and contractors undergo Developed Vetting (DV) security clearance checks.	A contractor working with the MoJ Security Team should have at least DV clearance before being allowed to access TOP SECRET information.
PHYSICAL	Handling and storing TOP SECRET information requires exceptional planning, monitoring, and record-keeping.	Imagine you are moving locations for a server used to host TOP SECRET information. The encrypted server is secured in a locked and continuously monitored room in 102 Petty France. You have now decided to move it to 10 South Colonnade. This should only be done after you, your manager, and senior managers have reviewed and accepted the risks associated with this transfer. The transfer should then be handled by two DV-cleared individuals, for example, employees of a specialised commercial courier company. When it happens, local police may need to be informed and involved in providing an additional layer of security.
	Working remotely with TOP SECRET is not permitted due to the extreme sensitivity of the information.	
	Transferring TOP SECRET information from one location to another requires even greater planning and preparation than for SECRET information, including the completion of a Risk Assessment by senior management and the use of DV-cleared personnel. More information on this is available in the HMG Government Security Classifications Policy and from your manager.	
TECHNICAL	When physical security measures cannot be used, TOP SECRET information at rest should be protected with extremely strong encryption. Contact the MoJ Security Team in these circumstances: security@justice.gov.uk.	

Type	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: security@justice.gov.uk.	

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 details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

Guidance on IT Accounts and Assets for Long Term Leave

Audience and Document Purpose

This document is intended for Ministry of Justice (MoJ) line managers who have a staff member going on any type of long-term secondment, loan, or leave. It provides guidance on how to handle the IT accounts and IT assets (such as desktops, laptops, or mobile phones) of the staff member while they are on leave.

Long term means longer than 2 months.

Types of secondment, loan, or leave where this might apply include:

- Adoption Leave.
- Career Break.
- Loan.
- Maternity Leave.
- Secondment.
- Shared Parental Leave.

For the purpose of this guidance, all of these are examples of “long-term leave”.

Guidance Statement
Retaining assets, and access during leave

This guidance applies to assets, defined as being laptops, desktops, or mobile phones.

- A staff member going on any long-term leave may keep their assets while they remain contractually employed by the MoJ, **AND** where the leave is not longer than 12 months in duration.

- Remind your staff member that the Acceptable Usage Policy applies at all times during their leave. The policy can be found at: https://intranet.justice.gov.uk/guidance/security/it-computer-security/acceptable-use/
- Preparation or return from any type of leave may be accompanied by changes in working patterns. The Remote Working guidance provides useful advice for anyone who may be working remotely for the first time. The policy can be found at: https://intranet.justice.gov.uk/guidance/security/emergencies/coronavirus-guidance/security/remote-working/.

Note: Devices that are not used for 3 months or more go in to a technical "quarantine", intentionally to render them unusable. Staff members should log in to their devices once per month during leave, to ensure that technical quarantine is not activated. Logging in also helps ensure that system updates are downloaded and applied.

Reviewing access to data and information systems

Before the staff member goes on leave, review their access to data and information systems, to ensure that this meets an ongoing need. This means that:

- If the staff member's role is planned to change on their return to the MoJ, consider removing access now to data and information systems which they will no longer need. If their role is not planned to change on their return, you might consider leaving access "as-is" currently.
- Consider removing access to data or information systems which are `OFFICIAL-SENSITIVE`. This is in line with the necessity rigorously to apply the "need to know" principle for `OFFICIAL-SENSITIVE` information. See the guidance on classifying information for more detail https://intranet.justice.gov.uk/guidance/knowledge-information/protecting-information/classifying-information/

When to remove access and return assets

In a number of circumstances assets should be returned and access should be removed. This is where:

- The leave is longer in duration, and there is no business need or individual need for the user to keep assets and access. This should be considered for any leave above 12 months in duration. This is likely to be for Career Breaks or Loans.
- The staff member has no means of securely storing the asset, for example locking it securely in their home.
- Staff members going on leave for less than 12 months may return their assets and have access removed if they choose to do so.
- Line managers are empowered to determine whether the staff member should keep assets and access, as long as there is appropriate business justification, and staff members are appropriately supported. For example, a communication mechanism for keeping in touch is agreed.
- If, during their leave, the staff member decides to end their employment (resign), their line manager is responsible for following the appropriate leaver's process with them. Refer to the Resignation section of the HR guidance and forms, with particular reference to the Leavers Checklist for Managers. This can be found at: https://intranet.justice.gov.uk/guidance/hr/end-change-of-employment/resignation/

How to remove access and return assets

- Access to systems and return of assets can be organised through the appropriate items in the MoJ Technology Portal. Please see the Knowledge Base article on "Returning your MoJ laptop, accessories and mobile phones" for details. Removal of access to local systems should be arranged with local IT teams.

Note: When a Dom1 account is deactivated, its data is recoverable for up to 12 months. See the Knowledge Base article on "How to Re-instate a Deactivated Email Account or Mailbox".

Contact details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

OFFICIAL, OFFICIAL-SENSITIVE

h/t https://www.gov.uk/guidance/official-sensitive-data-and-it

OFFICIAL

`OFFICIAL` is a UK HM Government information asset classification under the Government Security Classifications Policy (GSCP).

OFFICIAL-SENSITIVE

`OFFICIAL-SENSITIVE` is **not** a classification. `SENSITIVE` is a handling caveat for a small subset of information marked OFFICIAL that require *special* handling by staff above and beyond the decribed `OFFICIAL` baseline.

The `SENSITIVE` handling caveat is a *reminder* as opposed to a requirement for additional controls nor a description of a minimum set of controls.

DESCRIPTORS

Descriptors *can* be applied (but they do not need to be) to help identify certain categories of `SENSITIVE` information.

Descriptors should be applied in the format `OFFICIAL-SENSITIVE [DESCRIPTOR]`

The Cabinet Office maintains the following list of core descriptors to ensure a consistent approach is adopted across all departments:

- `COMMERCIAL`: Commercial- or market-sensitive information, including that subject to statutory or regulatory obligations, that may be damaging to HMG or to a commercial partner if improperly accessed.
- `LOCSEN`: Sensitive information that locally engaged staff overseas cannot access.
- `PERSONAL`: Particularly sensitive information relating to an identifiable individual, where inappropriate access could have damaging consequences. For example, where relating to investigations, vulnerable individuals, or the personal / medical records of people in sensitive posts (e.g. military, SIA).

Descriptors are **not** codewords.

Security Guidance for Using a Personal Device

Summary

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.

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

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, and to raise a request through the 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.

Note: Except when connecting to an MoJ virtual environment, or with documented approval in exceptional circumstances as described below, you must not use a personal device for work purposes.

Guidance

- If you have an MoJ-issued device or virtual environment, you must use that.
- You must not use a personal device to access Office 365 tools (email, calendar, Word, Excel, Powerpoint, etc.) for work purposes.
- You must not use a personal device to access Google Workspace tools (Gmail, Docs, Slides, Sheets, Drive, Meet, Hangouts, etc.) for work purposes.
- This guidance applies to all tools accessed through a web browser or installed client applications.
- Do not send MoJ information to your personal email account.
- Do not use personal accounts for work purposes.
- Do not store work files or information on a personal device (desktop, laptop, tablet or phone).
- Do not store work files or information on a personal storage device or memory stick (external drive, thumb drive, USB stick, etc.).

- 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 Operational Security Team: security@justice.gov.uk.

Note: You are not asked or required to use your own devices for work purposes. If you have access to MoJ devices for work purposes, you must use them by default.

Virtual environment

The MoJ can enable 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.

Note: A virtual environment does not offer the same capabilities or performance as a physical MoJ-issued device. Using an MoJ-issued device is always preferable.

Protecting Social Media Accounts

Summary

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 worringly, 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 see 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.

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
- Twitter
- Instagram

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 & Risk Advisors

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

Protect yourself online

There are five simple things we can all do to protect ourselves online:

1. Use a strong password to protect your laptop, computer and mobile devices. To choose a good password, follow NCSC guidance.
2. Think before clicking on links or attachments within emails. By hovering your cursor over the link you can see the actual URL. If you are unsure if an email is genuine, contact your IT or security team.
3. Do not use your work email address to register for accounts on websites for personal use. For example, a shopping website does not need your work email address. Using the wrong address could open up your work email account to spam and fraudulent emails. This in turn could harm your department's IT system.
4. Protect your online identity. Do not share sensitive information about your work on social media or online professional networks.
5. Do not disclose your level of vetting. If you share this information, you advertise what resources you have access to. This could make you a target for malicious individuals.

For more information, see the Acceptable Use guidance.

Removable Media

Note: 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: OperationalSecurityTeam@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.

Contact details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.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, including desktop computers, laptops, USB memory sticks and other mobile devices. This equipment is procured and managed though MoJ suppliers, who are normally responsible for the secure disposal of the equipment when it is no longer used. Typically, a supplier managed device will have a supplier asset tag on it, making it easier to identify who to ask for help with disposal.

However, there are also other devices 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.

To determine the correct disposal requirement, use the following table to identify the correct outcome, depending on the type of equipment and its security classification. If the table does not cover your exact requirement, contact the Operational Security Team: OperationalSecurityTeam@justice.gov.uk

Note: When disposing of SECRET or TOP SECRET equipment or materials, always contact the Operational Security Team: OperationalSecurityTeam@justice.gov.uk

Equipment or asset type	Data deletion method	Disposal 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	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 4 pieces. This can be done either manually or by using a commercially available destruction product suitable for use with hard disks. Alternatively, apply a Lower Level degauss 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	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 available shredder that meets a recognised international destruction standard. Particles of tape should be no larger than 6 x 15 mm. Alternatively, apply a Lower Level degauss and then cut the tape to no larger than 20 mm 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. A high capacity CD and DVD shredder is available at 102 Petty France, suitable for items up to TOP SECRET. Contact OperationalSecurityTeam@justice.gov.uk for help with this option.

Owners of the data storage devices are responsible for procuring services that meet the necessary destruction outcomes as described above. Assurance shall be required that the appropriate destruction has taken place for any locally procured MoJ assets, and that an audit trail is available for inspection upon request by MoJ security.

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

If you have any concerns about moving items between sites securely, contact the Operational Security Team: OperationalSecurityTeam@justice.gov.uk

Contacts

The following organisations are approved to help you with security disposal of equipment:

- TYR security: g-cloud@tyr-security.co.uk
- Data eliminate: info@dataeliminate.com

Contact details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

Web Browsing

The Ministry of Justice (MoJ) provides access to the Intranet and Internet for business use. The access helps you to do your job effectively and efficiently. MoJ security policies governs your use of these facilities.

Reasonable personal use is allowed, if:

- Your line manager agrees.
- It does not interfere with the performance of your duties.

You and your manager are responsible for ensuring that you use these systems responsibly.

If you connect to a website that contains unsuitable, illegal or offensive material:

- Disconnect from the site immediately.
- Inform your Service Desk.

The Department monitors the use of electronic communications and web-browsing activity. If your email use or web browsing seems unacceptable, your manager can request detailed activity reports.

What websites can I access?

The MoJ's approach to website access is continually reviewed and updated. By default, we try to allow access to as much as possible of the internet for all users. Inevitably, there are some restrictions, for the following reasons:

Cyber Security	The site is an unacceptable security risk for MoJ systems or users. For example, sites known to host malware are blocked.
Technical	The site causes technical issues which interfere with business activities. For example, a video site uses too much network capacity.
Business Policy	Only a specific individual or group of users can access the site. For example, social media sites are blocked for systems or users in frontline roles.

The list of websites included in each of the categories is as small as possible. But if you cannot access a site that you think should be OK, you can request a review. Similarly, if you can access a site that you think should be blocked, request a review.

What to do if you are blocked from a website that you think should be OK

Log an incident with your Service Desk.

Provide the following details:

- The address of the website.
- The time you visited the site.
- The details of any block message that you received.

The Service Desk will investigate the reason why you cannot access the website.

If there was a system error or fault, remedial action will restore access.

If the block is due to an access rule, Operational Security 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 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 Service Desk via a local or area IT Manager.
- HMPPS Probation - Log an incident with your Service Desk.
- All other teams, contact the Operational Security Team: OperationalSecurityTeam@justice.gov.uk

General enquiries, including theft and loss

Dom1/Quantum - Technology Service Desk

- Tel: 0800 917 5148

Note: The previous `itservicedesk@justice.gov.uk` email address is no longer being monitored.

Digital & Technology - Digital Service Desk

- Email: servicedesk@digital.justice.gov.uk
- Slack: `#digitalservicedesk`

HMPPS Information & security:

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

Laptops

Laptops

Related information

Lost Laptop or other IT security incident on page 29

Storing data on laptops

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

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 should I save data 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.

What is 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

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

Contact details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

Locking and shutdown

General

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.

How do I shutdown my 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 Down'.
- 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.

What are 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.

What if there are any 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 see 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.

A simple and quick way to lock a Mac computer is:

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

Background

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.

Incident

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.

What you need to do

- 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

Dom1/Quantum - Technology Service Desk

- Tel: 0800 917 5148

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Digital & Technology - Digital Service Desk

- Email: servicedesk@digital.justice.gov.uk

- Slack: `#digitalservicedesk`

HMPPS Information & security:

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

Contact details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

Macbook

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

Dom1/Quantum - Technology Service Desk

- Tel: 0800 917 5148

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Digital & Technology - Digital Service Desk

- Email: servicedesk@digital.justice.gov.uk
- Slack: `#digitalservicedesk`

HMPPS Information & security:

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

Contact details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

Incident management

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. Alternatively, if the incident is of a cybersecurity nature then use Report a cyber security incident.

Lost Laptop or other IT security incident

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

Related information

Laptops on page 25

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.

If you think your device is lost, stolen, 'hacked', or in some way compromised, you must:

1. Contact your Technology Service Desk. The analyst will ask the relevant questions and note responses on the ticket.

   Dom1/Quantum - Technology Service Desk

   - Tel: 0800 917 5148

   Note: The previous `itservicedesk@justice.gov.uk` email address is no longer being monitored.

   Digital & Technology - Digital Service Desk

   - Email: servicedesk@digital.justice.gov.uk
   - Slack: `#digitalservicedesk`
2. Tell your line manager as soon as possible.
3. For a lost or stolen device, contact the Police and make sure you get the incident reference number.

Summary

Find out more about how to report a security incident here.

Contact details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

Remote working

Remote Working

Key points

- Be professional, and help keep Ministry of Justice (MoJ) information and resources safe and secure at all times.
- Think about where you are working, for example - can other people or family see what you are working on? Be thoughtful about information privacy.
- Never send work material to personal email accounts.
- Keep MoJ accounts and password information secure.
- Take care of your equipment. Devices are more likely to be stolen or lost when working away from the office or home.
- Do not leave MoJ equipment unattended.
- Get in touch quickly to report problems or security questions.

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.

Always:

- Keep MoJ equipment and information safe and secure.
- Protect MoJ information from accidental access by unauthorised people.
- Lock or log off your device when leaving it unattended. For long periods of non-use, shut down your device.
- Keep your workspace clear and tidy - follow a 'clean desk policy', including paperwork, to ensure MoJ information isn't seen by unauthorised people.
- Use MoJ IT equipment for business purposes in preference to your own equipment such as laptops or printers.
- Be wary of anyone overlooking or eavesdropping what you are doing.

Never:

- Let family or other unauthorised people use MoJ equipment.

- Leave equipment unattended.
- Work on sensitive information in public spaces, or where your equipment can be overlooked by others.
- Advertise the fact that you work with MoJ materials.
- Take part in conference or video calls when you are in public or shared spaces such as cafes or waiting rooms.
- Send work material to your personal email address.

Working securely

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

- **Work locations** - as with home working above, 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 eg 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 your own equipment

The main guidance is available here.

Wherever possible, you should always use official MoJ equipment for business purposes. Never send work material to your personal 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. The advice is to avoid printing anything, and in particular not to use personal printers.

However, if you really must print MoJ information, you:

- should connect directly to the printer using USB, not WiFi
- should not print out personal information relating to others
- should consult the information asset owner or line manager before printing the information
- must store any and all printed materials safely and securely until you return to MoJ premises, when they must be disposed of or filed appropriately
- **must never** dispose of MoJ information in your home rubbish or recycling

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 see 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:

- Lock your computer, even when unattended for short periods.
- Think about whether an unauthorised person, such as a family member, might see the information you are working with.
- Don't 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

Dom1/Quantum - Technology Service Desk

- Tel: 0800 917 5148

Note: The previous `itservicedesk@justice.gov.uk` email address is no longer being monitored.

Digital & Technology - Digital Service Desk

- Email: servicedesk@digital.justice.gov.uk
- Slack: `#digitalservicedesk`

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.

Operational Security Team

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

Privacy Advice

Privacy Team

- Email: privacy@justice.gov.uk
- Slack: `#securityprivacyteam`
- Intranet: https://intranet.justice.gov.uk/guidance/knowledge-information/protecting-information/

Cyber Security Advice

Cyber Consultants & 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 CPNI Home Working Advice

To access the following link, you'll need to be connected to the HMPPS Intranet.

HMPPS Advice

Overseas travel

Accessing Ministry of Justice (MoJ) IT Systems From Overseas

Note: This guidance information applies to all staff, contractors and agency staff who work for the MoJ.

Note: If you are national security cleared to 'Enhanced SC' or DV levels, follow this process for all your trips, regardless of whether they are for business or personal reasons.

As a government official travelling overseas, you should consider that you may be of interest to hostile parties regardless of your role. By following MoJ policies and processes, you can help reduce the risk to yourself and limit the damage of exposure of sensitive information.

In general, it is acceptable for MoJ users to access MoJ services from overseas, and to do this using their MoJ equipment. But before you travel, consider:

- Do you need to take MoJ IT equipment overseas or access MoJ IT systems to do your job?
- Can the business need be met in another way or by someone else?
- If you just need to manage your inbox while away, can you delegate permissions to your inbox to a colleague to manage on your behalf?
- Have you left enough time to check and obtain necessary approvals? The process can take several weeks, depending on the circumstances. This is because it may be necessary to apply additional technical controls to protect you, your device, and any data the device can access.

Steps to follow before travelling
Part One

1. Get confirmation from your Line Manager that there is a business need for you to take MoJ equipment overseas and access MoJ services. Keep a note of the answers you get.
2. Proceed directly to Part Two of this process if *either one* of the following two statements apply to you:
   - You are travelling or passing through one of the following high-attention countries: *China, Cyprus, Egypt, India, Iran, Israel, North Korea, Pakistan, Russia, Saudi Arabia, South Africa, South Korea, Syria, Turkey, UAE*.
   - You are national security cleared to 'Enhanced SC' or DV levels.
3. If you have reached this step, you do not need to seek further formal approval for your trip.
4. Take a copy of this guidance; it includes useful contact details that help in the event of a problem while travelling.
5. Check if you need to do anything to prepare for International Roaming.
6. Enjoy your trip.

Part Two

1. Collect the following information:
   - Name.
   - Email address.
   - Your business area.
   - Your Security Clearance.
   - The network you use to access MoJ data, services or applications, for example DOM1 or Quantum, or online services such as AWS or Google Workspace.
   - The make/type of equipment you want to take with you.
   - Asset Tag details.
   - Countries you'll be visiting or passing through.
   - Dates of travel.
   - Transport details where possible, for example flights or rail journeys.
   - Proposed method of connecting, for example MoJ VPN, WiFi, or Mobile Data (3G/4G/5G).
   - Reason for maintaining access while overseas.
   - The MoJ data, applications, or services you expect to access during your trip.
   - Who you are travelling with.
2. The next step depends your MoJ business area:
   - If you are part of MoJ HQ, HMPPS HQ or HMCTS, contact your Senior Civil Servant (SCS) and ask for approval to take MoJ equipment overseas and access MoJ services. Ask for any special details or considerations that apply to your proposed travel arrangements. Keep a note of the answers you get.
   - If you are part of HMPPS (but *not* HQ), contact your Governor and ask for approval to take MoJ equipment overseas and access MoJ services. Ask for any special details or considerations that apply to your proposed travel arrangements. Keep a note of the answers you get.
3. Fill in the overseas travel request form.
4. Send the completed form to security@justice.gov.uk, including the answers obtained from the earlier parts of this process.
5. Your request is considered, and an answer provided, as quickly as possible.
6. When you have received all the approvals, send a copy of your request and the approvals to OperationalSecurityTeam@justice.gov.uk.
7. When Operational Security have acknowledged receipt of the request and approvals, the formal process is complete.
8. Check if you need to do anything to prepare for International Roaming .
9. Take a copy of this guidance; it includes useful contact details that help in the event of a problem while travelling.
10. Enjoy your trip.

International Roaming

While travelling, you might incur roaming charges when using your MoJ equipment for calls or accessing services. These charges can be expensive, and must be paid by your Business Unit. This is another reason for having a good business need to take MoJ equipment overseas.

By default, MoJ equipment is not enabled for use overseas. Before travelling, raise the relevant IT Catalogue request to have International Roaming enabled for the duration of your trip, and to activate the remote wipe function. This helps protect the MoJ equipment in case of loss or theft.

If you have any problem when using MoJ equipment overseas

Contact the Service Desk immediately. Tell them if the MoJ equipment is lost, stolen or was potentially compromised. This includes any time the equipment is deliberately removed out of your sight, such as by a customs official.

If any security-related incident occurs overseas, regardless of whether it involves MoJ equipment, you should contact the Operational Security Team as soon as possible. See the guidance on Reporting a Security Incident on the MoJ

Intranet. This includes information on reporting an incident outside of UK working hours. For convenience, the out-of-hours telephone number for reporting incidents is repeated below.

If there is a problem with your MoJ equipment, it might be necessary to disable your ability to connect to the MoJ network or services from your device. The Service Desk will do this if required. MoJ-issued phones might still have some functionality, to let you make phone calls, but the device should be treated as compromised and not used any more for any MoJ business.

Related pages

- General advice on taking Equipment overseas
- Overseas travel
- Staff security and responsibilities – during employment

External websites

- Foreign & Commonwealth Office – travel & living abroad

Contacts
Operational Security Team

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

Dom1 - Technology Service Desk

- Tel: 0800 917 5148

Note: The previous `itservicedesk@justice.gov.uk` email address is no longer being monitored.

Digital & Technology - Digital Service Desk

- Email: servicedesk@digital.justice.gov.uk
- Slack: `#digitalservicedesk`

Information Incident Reporting Line

- Tel: +44 (0)20 3334 0324 for HMPPS staff at any time.
- Tel: +44 (0)20 3334 0324 for MoJ staff **outside UK working hours**.

During UK working hours, MoJ (but not HMPPS) staff should follow the process on the Reporting a Security Incident page on the MoJ Intranet.

MoJ Phone and Mobile Devices

- Email: MoJ_Phone_and_Mobi@justice.gov.uk

MoJ Security

- Email: security@Justice.gov.uk

General advice on taking equipment overseas

As a government official travelling overseas, you should consider that you are highly likely to be of interest to a range of hostile parties, regardless of your role or seniority. Laptops, tablets and phones are very desirable pieces of equipment to steal and travelling overseas with it puts you at a greater security risk of being a victim of theft.

You should never put yourself in any danger to protect the security of an IT device, as the level of impact to the Ministry of Justice (MoJ) of a compromise does not warrant the risk of injury or loss of liberty. By following your department policies and the advice issued, you can help reduce the risk to yourself and your colleagues.

General guidance

Remove unnecessary files from your device when travelling overseas so that the risk of data exposure is reduced in case of loss or theft.

Keeping safe whilst conducting sensitive work overseas

Be aware that voice calls and SMS messages are not secure and voice calls can be intercepted whilst overseas. Keeping your phone with you at all times helps in having a high level of physical control over the equipment:

- Keep any password/PIN separate from the device.
- Be careful when using your device in situations where it may be lost or stolen, such as busy public places and while transiting customs or security at airports.
- Think about where you are working to ensure that you are not being observed (for instance, somebody looking over your shoulder in a crowded place).
- Never leave the device unattended - not even for a moment.
- If it is not practical to keep the device with you securely at all times (for instance, you are at the swimming pool or gym), consider storing the device in the hotel safe.

Note: Standard hotel safes are not entirely secure and it is normally possible for hotel staff to override controls to gain access. In addition therefore you should also store your device in a tamper proof envelope. You should ensure you have a sufficient number to last the duration of your period of travel. If the tamper evident seals show signs of disturbance or the device exhibits strange behaviour, it should be considered compromised. In either case, you must discontinue use of the device and contact your Service Desk immediately and report the device as potentially compromised.

Guidance on using mobile phones

As a government official you may be of interest to a range of hostile parties and therefore:

- If it is not practical to keep the device with you securely at all times (for instance, you are at the swimming pool or gym), consider storing the device in the hotel safe.
- Avoid conducting work related sensitive phone conversations as they can be intercepted and if you do, ensure you can't be overheard. Examples of sensitive information might include prisoner/offence details, court cases of foreign nationals, terror attacks and extremists.
- Do not use public charging stations or connect the phone to a vehicle by USB or Bluetooth as information can be downloaded from your phone.
- Be aware that hotel and public WiFi spots are not secure, as they can easily be monitored.
- Make sure you use the phone's password or PIN.
- If the phone is taken from you or you believe it may have been compromised in any way, report it to the Departmental Security Officer.

What to do if you are asked to unlock the device by officials

The extent to which an individual wishes to prevent the customs or security staff from accessing the data will directly relate to its sensitivity. Do not risk your own safety. If the device is being carried by hand to an overseas destination, the sensitivity of the data it holds should not justify any risk to personal safety.

- Try to establish your official status and good faith from the outset.
- Remain calm and polite at all times.
- Carry the names and telephone numbers of a relevant departmental contact and invite the official(s) to contact them to confirm that you are who you claim to be.
- If the official continues to insist on the user inputting his/her password, repeat the above steps.
- State that you are carrying official UK government property that is sensitive and that you cannot allow access.
- Ask to see a senior officer or supervisor. You may want to take the names and/or contact details of any officials involved in the event that you wish to pursue a complaint, or an investigation is required, even at a later date.

If you are on official business:

- State that you are a UK civil servant etc. travelling on HMG official business.
- Where appropriate, produce an official document (e.g. on headed notepaper or with a departmental stamp) or identity card that clearly gives your name, photograph and affiliation.
- Produce a letter of introduction from the overseas organisation or individual you are visiting.

- Carry the names and telephone numbers of the officials to be visited in your destination and invite the official(s) to contact them to confirm that you are who you claim to be.

In the event that a device is removed out of your sight (such as by a customs official) then it should be considered compromised. You must contact the Technology Service Desk immediately and report the device as potentially compromised.

The Technology Service Desk will disable your ability to connect to the MoJ network from your device. Be aware that although the device will still work as a mobile phone, it should be treated as compromised and not used for any MoJ business.

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.

If unsure, contact your Line Manager.

General enquiries, including theft and loss

Dom1/Quantum - Technology Service Desk

- Tel: 0800 917 5148

Note: The previous `itservicedesk@justice.gov.uk` email address is no longer being monitored.

Digital & Technology - Digital Service Desk

- Email: servicedesk@digital.justice.gov.uk
- Slack: `#digitalservicedesk`

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.

Operational Security Team

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

Risk assessment

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:

- The business harm (the 'impact') which is likely to result from a security failure, taking into account the potential consequences of a loss of confidentiality, integrity or availability of the information and other assets.
- The realistic likelihood of such a failure occurring in the light of the threats to and vulnerabilities of the system, and the controls currently implemented.

Managing information security risks

The results of the risk assessment are identified risks and risk severities. These help guide and determine the appropriate management action, and priorities for managing information security risks. Risks with a high severity level would justify the expenditure of more resources to control them than risks with a low severity level.
Risk Management involves identification, selection and implementation of justified security and contingency 'countermeasures' to reduce risks to an acceptable level.

Countermeasures can act in different ways such as:

- Reducing the likelihood of attacks or incidents occurring.
- Reducing the system's vulnerability.
- Reducing the impact of an attack or incident should it occur.
- Detecting the occurrence of attacks or incidents.
- Facilitating recovery from an attack or incident.

Risk management requires a judgement about what is an acceptable level of risk. Although this is a business decision, it does require a thorough understanding of the nature of the risk and the effectiveness of the countermeasures implemented to manage the risk. For some systems or scenarios, specialist advice might be needed.

When taking risk management decisions, consideration must be given to the full implications of the decisions taken. Failure to implement some countermeasures might breach legal or regulatory requirements. This is unlikely to be an acceptable risk management decision. Failure to meet other countermeasures might breach Government information security standards; as a consequence it might not be possible to link the MoJ system with other systems. This might limit the usefulness of the MoJ system.

Consideration must also be given to what are tolerable financial losses, political sensitivities and adverse publicity. The cumulative effect of accepting high levels of risk should also be taken into account.

Information security in projects

Information security controls are considerably cheaper and more effective if incorporated at the system requirements specification and design stage. Information risk assessments must be part of the project process.

Ongoing information security risk management

Effective risk management does not end once a risk assessment has been done and the required countermeasures implemented. Checks need to be carried out to ensure that the countermeasures are being applied effectively. It is also important to carry out periodic reviews of security risks and implemented controls to:

- Take account of changes to business requirements and priorities.
- Consider new threats and vulnerabilities.
- Confirm that controls remain effective and appropriate.

The role of security in risk assessment and risk management

The MoJ security team can provide help in all areas of security risk management for systems. Examples include:

- Advice on risk assessments.
- Help with carrying out risk assessments.
- Assist with the risk management decision process.
- Help with creating and managing documentation compliant with MoJ standards.
- Assisting with mandatory Government risk assessments.
- Advice on compliance checking.

Contact details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

Personnel security clearances

Personnel security clearances

Baseline Personnel Security Standard (BPSS)

Unless otherwise agreed formally by the Ministry of Justice (MoJ) in writing, any person (whether MoJ staff, contractor or through supply chain) who has access to, or direct control over, MoJ data must have satisfactorily completed the baseline.

The BPSS is published on GOV.UK.

National Security Clearances

The MoJ will advise on a case-by-case basis if an individual requires a national security vetting and clearance.

Minimum User Clearance Requirements Guide

Introduction

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 above 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 Cyber Assistance Team and refer to the Vetting Policy for further information.

Checking someone's clearance status

To check someone's clearance status, collect the following information:

- Their firstname.
- Their lastname.
- Their date of birth.

Send this information to the MoJ Group Security Team, by emailing: mojgroupsecurity@justice.gov.uk. The team will check with the Cluster, to determine the individual's clearance status, if any. If you are authorised to receive the answer, the team will reply to you with the answer.

Contact details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

User access

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.

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 see 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 your work email address for personal tasks.
- Using a personal account or personal email address for work tasks.
- Excessive private use during working time.
- Installing unlicensed or unauthorised software.

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:

- Duspension 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.

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

If you get an email from anyone or anywhere that you are not sure about, remember:

- Don't open any attachments.
- Don't click on any links in the email.

If there is any doubt, or you are worried that the email might be malicious or inappropriate, report it immediately as an IT security incident.

Personal use of MoJ IT

Limited personal use of MoJ IT is acceptable as long as it does not cause a problem with your work or that of your colleagues. Context is important. For example, doing personal internet banking during your lunch break might be acceptable, but doing the same thing during a work meeting would not.

Personal use of MoJ mobile phones

You might be allocated a mobile phone for use as part of your work. The mobile phone enables you to:

- Make or receive calls.
- Send or receive SMS texts.
- Use Internet services.

This usage must always be for work purposes.

Examples of unacceptable MoJ mobile phone use include:

- Making charitable donations from the mobile phone account.
- Signing up for premium rate text services.
- Calling premium rate telephone services.
- Voting in 'reality TV' popularity contests - these usually involve premium rate services.
- Downloading, uploading, or streaming media files that are not work-related, such as music or movies.
- 'Tethering' another device to the MoJ mobile phone, and then using the other device for any of the above activities.

... as well as any other activities that are not obviously work-related.

All use of MoJ IT resources is monitored and logged. This includes mobile phone usage listed in account bills. It is possible to see if you used a work-issued mobile phone for unacceptable activities. Unacceptable use is reported to your Line Manager for further appropriate action. Assessing your behaviour and performance takes this kind of activity into account.

Using MoJ IT outside your usual workplace

Some IT resources might be usable away from your usual workplace, such as a laptop. Even outside the office, you must continue to ensure acceptable use of the IT resources.

You should also ask before taking MoJ IT equipment outside the UK.

Avoid using removable media

Removable media like memory sticks are portable and easy-to-use. Unfortunately, this makes them a security risk, so avoid using them. If however they are essential to your work, please follow the Use of Removable Media policy.

Personalisation of equipment

A popular trend is to adorn laptops with stickers. This is acceptable as long as the material does not cause problems such as upset, offence, or embarrassment. The same applies if you customise the desktop environment of your equipment, for example by changing the desktop image.

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 actitivies.

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.

General Apps Guidance

Overview

When working from home, you still need to communicate with Ministry of Justice (MoJ) colleagues. 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 tells you about the 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 Video and Messaging apps for different purposes.

Access to tools

You can access tools that are provided through your MoJ provided devices by downloading from:

- The Software Centre application on your device (for Dom1 equipment).
- The Self Service application on your Mac (for Digital Service Desk (DSD) managed MacBook laptops).

Currently, access to the tools mentioned in this document is not available from Quantum devices.

For other MoJ provided devices, seek help from your Line Manager in the first instance.

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 on gmail, hotmail, yahoo, and so on. You should never use a personal account for business purposes.

Some of the applications listed 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 that 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 a civil servant.

Always follow all MoJ policies and guidelines regarding public information, including social media (to access this information you'll need to be connected to the MoJ Intranet). In particular, follow the Civil Service Code of Conduct.

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 Policy and 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. The list is uploaded to the tool server in order to let the tool to function correctly. Think carefully about whether this is reasonable to do. Make sure that sharing your contacts list does not impact any one else's privacy in a negative way.

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).

Complying with personal information requirements can be complex. Don't hesitate to ask for advice:

- Email: privacy@justice.gov.uk
- Slack: #securityprivacyteam
- Intranet: https://intranet.justice.gov.uk/guidance/knowledge-information/protecting-information/

Information Management

Many of the tools are only used for your day-to-day communication with colleagues. The information you work with is typically classified at OFFICIAL.

Think about the MoJ information you work with when using these tools. What would happen if you lost your mobile device, or it's stolen? Suppose the voice or video call 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 the tool to communicate that information with colleagues.

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.

Remember that it is impossible to delete information after it's released in public.

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.
- Data Protection Act and General Data Protection Regulation.
- Public Records Acts.

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 in tools.
- Try to avoid using the same tool for business and personal use - you can get confused who you're talking with.
- If the message you're about to send might cause problems, 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!"*.

Approved tools

Tool name	Tool type	Conditions/ constraints on use	Accessing /installing tool	Audience
Apple Facetime	Communication tool: Video	Avoid personal or sensitive data	Smartphone App	Internal/ External
Apple iMessage	Text messaging	Avoid personal or sensitive data	Smartphone App	Internal/ External
Google Meet (was Google Hangouts)	Communication tool: Video and/or voice	MoJ use approved	Digital Service Desk controlled Mac - Self service, Web browser.	Internal/ External
Microsoft Teams	Communication and collaboration tool: Video and/or voice	MoJ use approved	Dom1 Software centre, Digital Service Desk controlled Mac - Self service, Web browser.	Internal/ External
Miro	Collaboration tool: Whiteboarding	Avoid personal or sensitive data	Web browser.	Internal/ External
Skype for Business	Communication tool: Video and/or voice	MoJ use approved	Dom1 Software centre, Digital Service Desk controlled Mac - Self service, Web browser.	Internal/ External
Slack	Text messaging, Voice/ Video calls, etc.	Avoid personal or sensitive data	Digital Service Desk controlled Mac - Self service, Web browser.	Internal/ External
Slido	Q&A tool during presentations	Avoid personal or sensitive data	Web browser.	Internal

Tool name	Tool type	Conditions/ constraints on use	Accessing /installing tool	Audience
Twitter	Text Messaging, Video transmission	Approved for MoJ Corporate account. Using a personal account to comment on work related issues is encouraged, as long as you follow the Civil Service Code of Conduct.	Web browser, Windows 10 App, Smartphone App.	Internal/ External
WhatsApp	Text messaging, Voice/ Video calls	Avoid personal or sensitive data	Dedicated app on device, also web browser.	Internal/ External
Yammer	Text messaging	Avoid personal or sensitive data	Dedicated app on device	Internal
YouTube	Video sharing tool: Video, streaming and chat	Avoid personal or sensitive data	Web browser based use.	Internal/ External
Zoom	Communication tool: Video, voice and chat	Avoid personal or sensitive data	Web browser based use	External meetings

NHS Track and Trace

The official NHS Covid-19 app was designed by the NHS. Both NCSC and Cabinet Office have been involved in the security of the system. The app provides contact tracing, local area alerts and venue check-in. It enables you to protect yourself and your loved ones. Installation is optional, but recommended.

After installing the app, you'll receive an alert if you have been in close contact with other people who have tested positive for coronavirus. You can then take action to avoid passing the virus on, for example by self-isolating.

From a security perspective, it is safe for you to use the app on your personal or MoJ issued devices. There are no extra risks for colleagues with security clearance, such as SC and DV.

If you wish to install the app, start at the NHS site.

Note: The NHS app may not work on some older MoJ devices. Installation might not be possible, for example on Quantum smartphones.

You might have both a personal and an MoJ issued device. Think about which device makes most sense to use with the app. It's best to install on the device that you carry with you and use most of the time. You could install on all your devices if you prefer.

To reduce the likelihood of false alerts on the app, turn off the app's Bluetooth mode. Do this when:

- You are working in environments with protective Covid measures in-place, for example plexiglass separators.
- You need to leave your personal or work device in a locker, for example during a sports activity or to work in a secure MoJ facility.

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 above, please consult our Guidance for using Open Internet Tools and speak to us 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 this 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, contact the security team: security@justice.gov.uk.

Other information

Government policy and guidance

GDS Social Media Playbook

NCSC

Video conferencing services: using them securely

Secure communications principles

Using third-party applications

Government Classification Scheme

These summary guidelines are based on “The Government Security Classification (GSC)” as issued by the Cabinet Office in 2018. The link below provides full handling guidance for information classifications including `OFFICIAL`, `SECRET` and `TOP SECRET`:

https://www.gov.uk/government/publications/government-security-classifications

In summary, the majority of information that is created or processed by the public sector is now classified as `OFFICIAL`. The other two classifications are `SECRET` and `TOP SECRET`.

`SECRET` classification should be used on very sensitive information that justifies heightened protective measures to defend against determined and highly capable threat actors.

`TOP SECRET` is HMG's most sensitive information requiring the highest levels of protection from the most serious threats.

Classifications can have additional indicators, providing extra information about looking after the information with that classification. A frequently-seen example is `OFFICIAL-SENSITIVE`. This is still classified as `OFFICIAL`, but there is an additional indicator that tells you the information is of a more sensitive nature, and so should be handled and looked after accordingly.

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

Why OITs are a risk

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: privacy@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.

Useful help for deciding what is OK is in existing social media guidance. While it's more about how to act online, the principles are helpful for OITs.

Remember that it is impossible to delete information after it's released in public.

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:

- the Freedom of Information Act
- the Data Protection Act and General Data Protection Regulation
- the Public Records Acts

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 an OIT, make sure the key information is also stored in an appropriate MoJ system. Guidance on what you must keep is available 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 the OIT.

Most OITs let 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 MoJ Information Management Policy. There is also help on responding to requests for information.

Service and support

OITs are often intuitive and reliable. But that doesn't mean they are always available and always work as you expect. The MoJ can't provide technical support or ensure service availability for them. Always have another way of working if the OIT is not available for some reason or for any length of time. In other words, don't let an OIT become business critical.

Check the OIT usage agreement to find out more about the service and support available.

Note: The MoJ cannot provide technical support for OITs.

Common OITs

There are already many OITs used across the MoJ. Permission to use an OIT might vary, depending on where you work in the MoJ. For example, some teams must not access or use some OITs, for security or operational reasons.

Note: Check with your Line Manager if you want to use an OIT for your work, *before* you use it.

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 this 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, contact the security team: security@justice.gov.uk.

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

IDENTIFY, PROTECT, DETECT, RESPOND, RECOVER

The Ministry of Justice (MoJ) is required to adhere (but prefers to exceed) to the Minimum Cyber Security Standard (MCSS).

The Standard

The UK HMG Security Policy Framework mandates protective security outcomes that the MoJ must achieve (and suppliers to MoJ, where they process MoJ data/information).

More information is available from https://www.gov.uk/government/publications/the-minimum-cyber-security-standard.

IDENTIFY

IDENTIFY is a prerequisite standard that requires:

- appropriate information security governance processes;
- identification and cataloging of information held/processed; and
- identification and cataloging of key operational services provided.

PROTECT

PROTECT is the core standard to provide fundamentally defences to information and requires:

- access to systems and information to be limited to identified, authenticated and authorised systems/users;
- systems to be proportionally protected against exploitation of known vulnerabilities; and
- highly privileged accounts (such as administrative level) to be protected from common attacks.

DETECT

DETECT is the core standard to detect when attacks are taking, or have taken, place and requires:

- capture event information (and apply common threat intelligence sources, such as CiSP);
- based on PROTECT, define and direct monitoring tactics to detect when defence measures seem to have failed;
- detection of common attack techniques (such as commonly known applications or tooling); and
- implementation of transaction monitoring solutions where systems could be vulnerable to fraud attempts.

RESPOND

RESPOND is the core standard to define the minimum of how organisations should respond to attacks and requires:

- development and maintenance of an incident response & management plan (including reporting, roles and responsibilities);
- development and maintenance of communication plans, particularly to relevant supervisory bodies, law enforcement and responsible organisations such as the NCSC;
- regular testing of the incident response & management plan;

- assessment and implementation of mitigating measures on discovery of an incident (successful attack); and
- post-incident reviews to ensure feedback into the iteration of the incident response & management plan.

RECOVER

RECOVER is the core standard to define the minimum of how organisations should recover from an attack once it has been considered closed, and requires:

- identification and testing of contingency mechanisms to ensure the continuance of critical service delivery;
- timely restoration of the service to normal operation (a plan to do so, and testing of that plan);
- from DETECT & RESPOND, immediately implementing controls to ensure the same issue cannot arise in the same way again, ensuring systematic vulnerabilities are proportional remediated.

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.

Examples include:

- General advice on taking equipment overseas.
- Security Guidance for Using a Personal Device.

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 Operational Security: OperationalSecurityTeam@justice.gov.uk.

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 details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

Password Managers

Overview

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.

What is a password manager/vault?

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 do you 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.

What makes a good password manager?

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 should I 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. LastPass and 1Password are probably the most popular for personal or team passwords. Example password vaults would be Hashicorp Vault, Kubernetes Secrets or AWS Key Management.

For individual use, have a look at LastPass and 1Password. See which one you like best, and 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?".

See also Using LastPass Enterprise.

Contact details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.justice.gov.uk.

Using LastPass Enterprise

What is LastPass?

LastPass 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.

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

LastPass will securely save your credentials in your own LastPass 'Vault' and then offer to autofill those credentials the next time you need them.

The Ministry of Justice (MoJ) has the Enterprise tier of LastPass.

Who should use it?

MoJ LastPass accounts can be requested by anyone in MoJ Digital & Technology.

At the moment, rollout is limited to technical service/operation teams but we're working on license funding to make it available to everyone in D&T.

How to get it

Email lastpass-admins@digital.justice.gov.uk to request access.

Make sure you include in the email:

- which team you're in
- your role in your team / why you need access
- if there were any credentials within Rattic that you need access to based on this shared spreadsheet of old Rattic credentials

What it can be used for

LastPass can be used for storing usernames and passwords that are specific to you (for example, your MoJ Google account details).

LastPass can also 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.

Personal use

You could use your MoJ LastPass account to store personal non-work information but as it is a work account belonging to the MoJ you may lose access if you change role and will lose access entirely if you leave the MoJ.

MoJ LastPass administrators cannot routinely access the contents of LastPass Vaults but can reset accounts to gain access if there is a good reason to do so.

What it shouldn't be used for

LastPass should not be used for storing MoJ documents - you must use existing MoJ services such as Office 365 or Google Workspace for that.

You shouldn't use LastPass 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 LastPass account. LastPass 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 must be at least 12 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 on the MoJ intranet.

Your primary password **must** be unique and you should **never** use it anywhere else (including a similar version, for example, by simply adding numbers to the end)

Multi-Factor Authentication

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

LastPass 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 'shared folder' in the LastPass 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 shared folders when access to the credential(s) is no longer required.

(You must not share your LastPass main password with anyone, even your line manager or MoJ security.)

Using it overseas

Taking a device (such as personal smartphone) that has MoJ LastPass 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 LastPass applications or uninstall/delete them before travelling outside of the UK and reinstalling when you get back.

Keeping LastPass update to date

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

Need help?

If you need help *installing* LastPass contact the relevant MoJ IT Service Desk.

If you need help using LastPass such as getting access to shared folders or resetting your primary password as you have forgotten it, contact lastpass-admins@digital.justice.gov.uk

Passwords

Overview

This article provides guidance on passwords within the Ministry of Justice (MoJ). It helps you protect MoJ IT systems by telling you about choosing and using passwords. Whenever you see 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 password guidance is for all users.

Best practices for everyone

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.

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 must 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 must 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

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 LastPass.

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.

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 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 must immediately change the password.

Single-use passwords are time limited. If they are not used within a specific time after generation, they must 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 details

For any further questions relating to security, contact: security@justice.gov.uk, or for security advice, contact the Cyber Assistance Team CyberConsultancy@digital.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.

Training and education

Training and Education

Why?

The Ministry of Justice (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.

Source

Guidance is provided to staff via the Security section of the MoJ Intranet, https://intranet.justice.gov.uk/guidance/security/. All new staff starting work within the MoJ will receive mandatory IA training. This should ensure that the new staff member is made aware of their security responsibilities whilst working at the MoJ.