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| **[Organization Name]**  **Information Technology Standard** | **No:** [Policy Number: e.g. POL-GOV-01] |
| **IT Standard**:  **Mobile Device Security** | **Updated:** [Updated Date] |
| **Issued By:** [Authority: e.g. CEO or CIO]  **Owner:** [Owner: e.g. IT Department] |

# 1.0 Purpose and Benefits

Mobile devices often need additional protection because their nature generally places them at higher exposure to threats than other client devices that are only used within an entity’s facilities and on the entity’s networks. This standard outlines the additional protections required for the use of mobile devices.

# 2.0 Authority

This policy is established under the authority of organizational management and is guided by best practices outlined in the National Institute of Standards and Technology (NIST) Cybersecurity Framework 2.0. While not mandated by law, the organization adopts this framework to enhance its cybersecurity posture and protect its information assets. The authority for enforcement and adherence to this policy is vested in the [Authority], who is responsible for ensuring compliance across all departments.

# 3.0 Scope

This policy applies to all employees, contractors, third-party vendors, and any individuals or entities accessing, using, or managing the organization's information systems, networks, and physical infrastructure, regardless of the medium or format of the information. It covers all electronic, paper-based, and verbal communication, including, but not limited to, data processing systems, cloud services, email platforms, mobile devices, databases, and other digital storage mechanisms that store, transmit, or process sensitive organizational information.

The policy encompasses internal and external users, whether they access the organization's systems on-site or remotely, and includes all physical infrastructure such as data centers, workstations, and hardware that interact with or support the organization's information environment. Additionally, it extends to any devices, both personal and organizational, that connect to the corporate network or handle company data.

All users are responsible for protecting the confidentiality, integrity, and availability of information, complying with this policy and relevant laws, and familiarizing themselves with the organization's security policies and procedures to ensure the protection of organizational assets. Failure to comply with these requirements may result in disciplinary action, including termination of access rights or contractual agreements.

# 4.0 Information Statement

Needed

### Mobile Device Definition

* 1. Mobile devices are computing devices in a small form factor that have at least one network connection interface, non-removable and/or removable storage, and is portable (i.e., non-stationary). These devices come in the forms such as: smartphones, PDAs, smart watches, tablets, laptops, and wearable devices. Mobile devices must follow all requirements of the Information Security Policy.

### Device Encryption

1. As per the Encryption Standard, all mobile devices that access or contain any entity information must be encrypted.

### Approved Applications

1. For entity issued mobile devices or personal mobile devices with direct access to managed networks, only those applications which are approved may be installed and or run on the mobile devices. Applications must be restricted through the use of whitelisting (preferable) or blacklisting. Applications must be digitally signed to ensure that only applications from trusted entities are installed on the device and that code has not been modified.

### Authentication Lockout

1. Entity information must be removed or rendered inaccessible from mobile devices after no more than 10 incorrect authentication attempts.

### Idle Lockout

1. Mobile devices must automatically lock after being idle for a period not to exceed 10 minutes.

### Network Access

1. Mobile devices which directly connect to managed private networks, virtually connect to managed private networks in a manner consistent with a directly connected device, or which contain or could contain information, including e-mail data, must be managed by a Mobile Device Management (MDM) or other centralized management solution.
2. Mobile devices may not access private networks unless their operating environment integrity is verified (including whether the device has been rooted/jailbroken).

### Device Backups

1. Use of synchronization services, such as backups, for mobile devices (e.g., local device synchronization, remote synchronization services, and websites) must be controlled through an MDM or other centralized management solution.

### Device Management

The [Owner] shall manage all mobile devices by:

1. Implementing device policies and configurations as appropriate to the use of the device.
2. Developing and implementing processes which check for upgrades and patches to the software components, and for appropriately acquiring, testing, and deploying the updates to entity issued devices.
3. Reconfiguring access control features as needed based on factors such as policy changes, technology changes, audit findings, and new security needs.
4. Detecting and documenting anomalies which may indicate malicious activity or deviations from policy and procedures. Anomalies should be reported to other systems’ administrators as appropriate.
5. Providing training and awareness activities for mobile device users on threats and recommended security practices which can be incorporated into the entity’s security and awareness training.

# 5.0 Compliance

This policy shall take effect upon publication. Compliance is expected with all enterprise policies and standards. Policies and standards may be amended at any time; compliance with amended policies and standards is expected.

If compliance with this standard is not feasible or technically possible, or if deviation from this policy is necessary to support a business function, entities shall request an exception through the following process.

# 6.0 Policy Exceptions

Requests for exceptions to this policy must be submitted to the [Authority] by the requesting department. Each request should include the scope and justification for the exception, potential risks, proposed mitigation measures, and a timeframe for achieving compliance. The [Authority] will review and discuss these requests with the department.

# 7.0 Definitions of Key Terms

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| **Term** | Definition |
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# 8.0 Contact Information

Submit all inquiries and requests for future enhancements to the policy owner at:

[Organization Address & Policy Owner’s Contact Info]

# 9.0 Revision History

This policy should be reviewed at least annually to keep pace with evolving regulations, threat landscapes, and organizational changes. However, more frequent reviews may be necessary following regulatory updates, cybersecurity incidents, significant technology changes, organizational shifts, or compliance audits. This policy should be revised based on these reviews and those revisions noted below.

| **Date** | **Description of Change** | **Reviewer** |
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# 10.0 Related Documents

[NIST Special Publication 800-124, Guidelines for Managing and Securing Mobile Devices in the Enterprise](https://csrc.nist.gov/publications/detail/sp/800-124/rev-1/final" \t "_blank)

[NIST Special Publication 800-164, Guidelines on Hardware-Rooted Security in Mobile Devices](https://csrc.nist.gov/publications/detail/sp/800-164/draft" \t "_blank)