



# STATE OF ALABAMA

## INFORMATION TECHNOLOGY POLICY



Policy 510: Security and Privacy Architectures		
Document/Version: 510-01	Version Date: 04/07/2021	Effective Date: TBD

**OBJECTIVE**

The objectives of this policy are to address actions taken by organizations in the design and development of information systems and to ensure that information security and privacy architecture at the individual information system level is consistent with and complements the more global, organization-wide and enterprise-wide information security and privacy architecture. The overall goal is to improve the manageability, reliability, effectiveness, and efficiency of agency business functions.

**AUDIENCE**

Information technology professionals responsible for the design and development of information systems, integration of systems onto the enterprise network, and management of systems throughout the system lifecycle,

**STATEMENT OF POLICY**

It is the policy of OIT that:

- a) Security and privacy architectures describe the philosophy, requirements, and approach to be taken for protecting the confidentiality, integrity, and availability of organizational information. [PL-8 a.1]
- b) System security and privacy plans shall describe how the security and privacy architectures are integrated into and support the applicable enterprise architecture. [PL-8 a.2]
- c) Where there are dependencies on external information systems and service providers, ensure that such dependencies are consistent with agency mission and business protection strategy.
- d) Security and privacy architectures shall describe any security- and privacy-related assumptions about, and dependencies on, external services [PL-8 a.3]

**OIT RESPONSIBILITIES**

OIT shall:

- O.1 Define standard security and privacy architectures that can effectively support agency missions and business functions.

O.2 Review and update (as necessary) security and privacy architectures no less often than every three (3) years and whenever changes are made to the enterprise architecture. [PL-8 b.]

**AGENCY  
RESPONSIBILITIES**

IT agencies shall:

A.1 Ensure that external providers that process, store, or transmit state data, or operate systems on behalf of the state or agency, meet the same security and privacy requirements as the agency.

A.2 Ensure that security and privacy architecture changes are reflected in system security plans, the security Concept of Operations (CONOPS), and in organizational procurements and acquisitions. [PL-8 c.]

**SUPPORTING  
DOCUMENTS**

The following documents support this policy:

- [Standard 510S1: Zone Architecture](#)

The following special publications (SP) of the National Institute of Standards and Technology (NIST) support this policy and may aid in its implementation:

- NIST SP 800-39: Managing Information Security Risk
- NIST SP 800-53R4: Security and Privacy Controls for Federal Information Systems and Organizations

**AUTHORITY AND  
APPLICABILITY**

This policy is promulgated under the authority granted OIT as described in Policy 101: IT Governance. Unless granted exemption by law or by procedure of Policy 101, the requirements and responsibilities defined in OIT policies apply to all Executive Branch departments, agencies, offices, boards, commissions, bureaus, and authorities and authorized individuals in the employment of or under contract with the State of Alabama and responsible for the management, operation, or use of State IT resources.

**DOCUMENT CHANGE HISTORY**

Version	Version Date	Comments
510-01	04/07/2021	Replaces Policy 500