	Georgia Technology Authority	
Title:	**Systems and Development Lifecycle**	
PSG Number:	**PS-08-018**	
Effective Date:	03/20/2008	**Review Date:** 08/30/2024
Synopsis:	Requirements for a formal IT lifecycle management program	

PURPOSE

System life-cycle management is a methodology for establishing processes, procedures and practices governing and managing the life of an information system from initiation/requirements through disposal. The methodology is a tool to assist system owners, developers and management in documenting the design and decisions made regarding a system.

SCOPE and AUTHORITY

O.C.G.A 50-25-4(a)(10) – *State Government, Georgia Technology, General Powers*
O.C.G.A 50-25-4(a)(21) - *State Government, Georgia Technology, General Powers*
PM-04-001 – *Information Technology Policies, Standards and Guidelines*
PS-08-005 – *Enterprise Information Security Policy*

TERMS AND DEFINITIONS

System Lifecycle - the overall process of developing/acquiring, implementing, and retiring information systems through a multi-step process from initiation, design, implementation, and maintenance to disposal.

POLICY

All state information systems and applications, whether in development or production, shall be governed by a formal system life-cycle management process and incorporates security planning throughout all phases of the system's life-cycle from conception to disposal.

RELATED ENTERPRISE POLICIES, STANDARDS AND GUIDELINES

System Lifecycle Management (SS-08-025)
Information Security - Risk Management (PS-08-031)
System Security Plans (SS-08-028)

REFERENCES

NIST SP 800-12 An Introduction to Information Security

NIST SP 800-100 Information Security Handbook for Managers: A Guide for Managers

NIST SP 800-160 Volume 1 Engineering Trustworthy Secure Systems