

 Georgia Technology Authority	<b>Georgia Technology Authority</b>	
<b>Title:</b>	<b>Systems and Development Lifecycle</b>	
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<b>POC for Changes:</b>	GTA Office of Information Security	
<b>Synopsis:</b>	Requires agencies to implement a formal lifecycle management program for systems in development or operations.	

## PURPOSE

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

## SCOPE; ENFORCEMENT; AUTHORITY; EXCEPTIONS

See Enterprise Information Security Charter (policy)

## 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, GUIDELINES

- System Lifecycle Management (Standard)
- Risk Management (Policy)
- System Security Plans (Standard)

## REFERENCES

- NIST SP 800-12 Introduction to Computer Security NIST Handbook (Ch 8)
- NIST SP 800-100 Information Security Handbook for Managers (Ch 3)
- NIST SP 800-64 Security Consideration for SDLC
- NIST SP 800-65 Integrating IT Security into the Capital Planning and Investments Controls Process

## TERMS and DEFINITIONS

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

Note: The PSG number was changed from P-08-018.01 on September 1, 2008.