

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.

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 (SS-08-025)

Information Security - Risk Management (PS-08-031)

System Security Plans (SS-08-028)

REFERENCES

- NIST SP 800-160 vol. 1 <https://csrc.nist.gov/publications/detail/sp/800-160/vol-1/final>
- 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.