

CHAPTER 2. SOFTWARE CONFIGURATION MANAGEMENT PURPOSE AND SCOPE

2-1 Purpose

The purpose of Software Configuration Management (SCM) is to establish and maintain the integrity of the products of software projects throughout the project's software life cycle.

The goal of CM at HUD is improve the management of HUD's computer software and improve computer software delivery through the implementation of standard computer software policies.

There are two major thrusts in the HUD SCM initiative. First, is to instill discipline in the migration of software through the system development and production phases of the life cycle. Second, is to provide a means of cataloguing the history of application software systems, and to be able to retreat to a prior version in the even that should become necessary.

2-2 Scope

The expected outcome of the SCM Policies is to provide oversight to the SCM process and provide an automated toolset for application software development and maintenance personnel.

Additionally SCM Policies shall resolve long-standing Inspector General (IG) audit item and;

- A. Improve the delivery of software.
- B. Provide oversight of the SCM automated tool implementation.
- C. Develop and implement HUD's SCM policies over applications software.
This ensures that standard practices are identified, ensures compatibility of implementation at HUD, and improves HUD's ability to share resources across multiple projects.