

CONFIGURATION MANAGEMENT
DM 3520-000

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CHAPTER 4
GENERAL INFORMATION

1 PURPOSE

The purpose of this chapter is to define Configuration Management (CM) and describe its constituent functions, processes, and procedures. The chapter is presented in a two-part structure. Part one is devoted to CM policy and responsibilities. It provides the high-level statements of CM policy, identifies the CM standards to be adopted and followed, and also describes responsibilities for operation of CM within USDA. The establishment of this policy is intended to demonstrate USDA's commitment to implement a quality CM system to control changes to system environments as required by regulation and defined by Carnegie Mellon's Software Engineering Institute (SEI) Integrated – Systems Engineering/Software Capability Maturity Model (CMMI-SE/SW).

The following regulations, directives and standards mandate this policy: Office of Management and Budget Circular A-130, Appendix III, November 30, 2000; National Institute of Standards and Technology (NIST) Special Publications 800-14, Generally Accepted Principles and Practices for Securing Information Technology Systems & 800-12, An Introduction to Computer Security: The NIST Handbook, <http://csrc.nist.gov/publications/nistpubs/800-12/>; DR 3130-001, Acquisition of IRM Resources, <http://www.usda.gov/ocio/directives/DR/DR3130-001.htm>; DM-3200-001, <http://www.usda.gov/ocio/directives/DM/DM3200-001.htm>, and DM-3200-002, <http://www.usda.gov/ocio/directives/DM/DM3200-002.htm>;

Management: A Project Managers Guide to Applications Systems Life Cycle Management; Carnegie Mellon, Software Engineering Institute (SEI), System Engineering/Software Integrated Capability Maturity Model (CMMI-SE/SW) version 1.1, <http://www.sei.cmu.edu/cmmi/products/v1.1se-sw-cont.pdf>; ANSI/EIA-649-1998 National Consensus Standard for CM and MIL Handbook-61. [Note: ANSI/EIA-649-1998 National Consensus Standard for CM, will require the purchase of a licensing agreement with the Government Electronics and Information Technology Association (GEIA). Mil-HDBK-61 is free and available for download from http://www.acq.osd.mil/io/se/cm&dm/pdf_files/MIL-HDBK-61A.pdf]

2 CANCELLATION

This Departmental Manual will be in effect until superseded.

3 SCOPE

This manual applies to all USDA agencies, programs, teams, organizations, appointees, employees, and other activities.

4 ABBREVIATIONS

ANSI/EIA	- American National Standards Institute/Electronic Industries Alliance
CC	- Configuration Control
CCA	- Change Control Authority
CCB	- Configuration Control Board
CI	- Configuration Item
CM	- Configuration Management
CMA	- CM Authority
CML	- CM Librarian
CMMI	- Capability Maturity Model Integrated
CMP	- CM Plan
CMS	- CM Specialist
COTS	- Commercial Off the Shelf
CR	- Change Request
CS	- Cyber Security
CSA	- Configuration Status Accounting
CVA	- Configuration Verification and Audit
DAA	- Designated Accrediting Authority

DM	- Department Manual
DR	- Department Regulation
FCA	- Functional Configuration Audit
GEIA	- Government/Electronic Industries Association
GSS	- General Support System
HWCI	- Hardware Configuration Item
IPT	- Integrated Product Team
IRM	- Information Resources Management
ISSPM	- Information System Security Program Manager
IT	- Information Technology
KPA	- Key Process Area
LAN	- Local Area Network
MIL	- Military
MSA	- Major Software Application
NFC	- National Finance Center
NIST	- National Institute of Standards and Technology
NITC	- National Information Technology Center
OCIO	- Office of the Chief Information Officer
OMB	- Office of Management & Budget
PCA	- Physical Configuration Audit
POA&M	- Program Of Action and Milestones
SBU	- Sensitive But Unclassified
SCM	- Software CM
SEI	- Software Engineering Institute
SWCI	- Software Configuration Item
TFM	- Trusted Facilities Manual
USDA	- United States Department of Agriculture