

Template No.

CEMILAC_SYSGP_SCMP_05

**Software Configuration Management
Plan
of <LRU/System Name>
for
<Platform Name>**

Issue/Rev No: 01/00

Date of Release: 8 Feb 2025



<DESIGNAGENCYLOGO>

Document No.:

Issue/ Rev No. :

<0X>/ <0X>

Issue Date :

<DD/MM/YYYY>

Copy No. :

01 of N

No. of Pages :

<Total No .of Pages >

Document Classification :

☐Secret

☐Confidential

☐Restricted

☐Unrestricted

Title:

Project/System :

Software Configuration Management Plan

of

<LRU/SYSTEM Name>for <Platform name>

<System/Project Name>

LRU/System Part No.:

<No.>

Software Criticality Level :

DO-178C Level <A/ B/ C/ D>

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Doc No. <Document number>

Issue

Revision

Date

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Amendment History

Issue, Rev. No.	Issue, Rev Date	Change Request Ref.	Brief Description of Amendment	Affected Pages/ Section	Changed By	Change Effective Date
01, 00		NA	Initial Issue	NA	NA	Initial

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1. Introduction

The Software Configuration Management Plan establishes the methods to be used to achieve the objectives of the SCM process throughout the software life cycle.

1.1. Purpose and Scope

The purpose of this Software Configuration Management Plan (SCMP) is to provide guidance for establishing and implementing configuration management for the <Project Name>. It will set forth the policies, procedures and processes used to accomplish system Configuration Management (CM) for this project.

1.2. Applicable documents

Define the list of all applicable documents in following sections:

1.2.1. External documents

Define the list of all applicable documents of external origin, relevant for this project.

1.2.2. Internal documents

Define the list of all applicable documents of internal origin, relevant for this project.

1.3. Part Number and Nomenclature

2. Define the details of all software components having unique part number and nomenclature to identify them through the software development life cycle.

2.1. Acronyms and Abbreviations

Define all the abbreviations and acronyms with their expanded names in this section.

2. SCM Environment

Define description of the SCM environment to be used, including procedures, tools, methods, standards, organizational responsibilities, and interfaces.

3. SCM Process Objectives

Define description of the SCM Process Objectives environment

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4. SCM Activities

Define description of the SCM process activities in the software life cycle:

4.1. Configuration Identification

Items to be identified, when they will be identified, the identification methods for software life cycle data (for example, part numbering), and the relationship of software identification and airborne system or equipment identification.<Define process Activities as per Sec 7.2.1>

4.2. Baselines and Traceability

The means of establishing baselines, what baselines will be established, when these baselines will be established, the software library controls, and the configuration item and baseline traceability.<Define process Activities as per Sec 7.2.2>

4.3. Problem Reporting

The content and identification of problem reports for the software product and software life cycle processes, when they will be written, the method of closing problem reports, and the relationship to the change control activity.<Define process Activities as per Sec 7.2.3>

4.4. Change Control

Configuration items and baselines to be controlled, when they will be controlled, the problem/change control activities that control them, pre-certification controls, post-certification controls, and the means of preserving the integrity of baselines and configuration items.<Define process Activities as per Sec 7.2.4>

4.5. Change Review

The method of handling feedback from and to the software life cycle processes; the methods of assessing and prioritizing problems, approving changes, and handling their resolution or change implementation; and the relationship of these methods to the problem reporting and change control activities.<Define process Activities as per Sec 7.2.5>

4.6. Configuration Status Accounting

The data to be recorded to enable reporting configuration management status, definition of where that data will be kept, how it will be retrieved for reporting, and when it will be available.<Define process Activities as per Sec 7.2.6>

4.7. Archive, Retrieval, and Release

The integrity controls, the release method and authority, and data retention. <Define process Activities as per Sec 7.2.7>.

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4.8. Software Load Control

A description of the software load control safeguards and records.<Define process Activities as per Sec 7.4 >

4.9. Software Life Cycle Environment Controls

Define Controls for the tools used to develop, build, verify, and load the software, addressing sections 11.4.b.1 through 11.4.b.7. This includes control of tools to be qualified. <Define process Activities as per Sec 7.5>

4.10. Software Life Cycle Data Controls

Description of access and change Controls associated with Control Category 1 and Control Category 2 data.<Define process Activities as per Sec 7.3>

5. Transition Criteria

Define the transition criteria for entering and the exit from the SCM process.

6. SCM data

A definition of the software life cycle data produced by the SCM process, including SCM Records, the Software Configuration Index and the Software Life Cycle Environment Configuration Index.

7. Supplier Control

Define the means of applying SCM process requirements to sub-tier suppliers (if applicable)

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