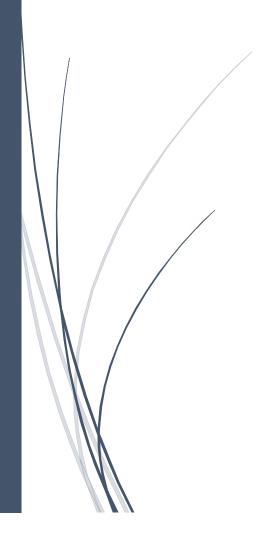
Template No. CEMILAC_SYSGP_SCI_16

SOFTWARE CONFIGURATION INDEX for <LRU/SYSTEM Name> for <Platform Name>

Issue/Rev No: 01/00 Date of Release: 8 Feb 2025



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Disclaimer:

This document is a guidance document. Applicable section / table rows may be considered. Any additional details may be added. Any not applicable section/ table rows may be deleted. The template is very general and vary with process to process followed by Development Agency. The document may be fine-tuned with the TAA for finalization.

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Amendment History

Issue	Issue Date	Brief	Change	Affected	Affected	Change Effective From
No.		Description of	Request Ref.	Pages	Section	(Version/ Date)
		Amendment				
001		Initial Issue	NA	NA	NA	Initial
002						

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1.0 INTRODUCTION

1.1 Purpose

1.2 Scope

1.3 Acronyms and Abbreviations

1.4 External Documents

Include references to standards, manuals, OEM documents etc.

1.5 Internal Documents

Include references to the following documents, as applicable

- Technical/ system/ functional specification
- Aircraft integration/ Flight trial reports
- User feedback
- Any MoM resulting in decisions related to this version of the software
- Impact analysis
- IV&V recommendation

2.0 Software Product

This document describes the version details of the following software component(s):

Sl.No.	CSCI Name	Software Version	Checksum

3.0 Current Software Release details

3.1 Software Development Environment

The software development environment used along with versions/ release of the tools is to be included.

Programming Language :

IDE / Compiler :

Emulators/ Debug tools :

Linker/ Loader tools :

Development Operating System :

Test software version used :

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Other supporting software used:

3.2 Changes from previous version (Ver no.) to current version :

Include brief description of changes to the software.

3.3 Source Code listing

Sl.no.	File name	Size	Last compilation date

Executable	size	Compilation	Device in which	Ckt ref. Of the device
object code		date	the CSCI is	(including Card name,
file			loaded	LRU name)

Similar tables will have to included for each CSCI.

4.0 Software Revision History

Include summary of changes made in each of the earlier versions.

4.1 Changes from Ver 1.0 to Ver 1.1

Include brief description of changes to the software. If more than one software component is changed in each version, separate listing for each component is to be given along with respective checksums.

4.2 Changes from Ver 1.1 to Ver 1.2

And so on...(except the current version, which is covered in section 3.2)

5.0 Previously Developed Software

Include details of any software components which were developed for other applications and being used in this application. This may also include RTOS and other COTS components.

6.0 Software Lifecycle Data

Include references to Plan documents, SRD, SDD, SVCP, SVR documents.

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7.0 Instructions for Building Executable Object Code

Give step by step procedure to build the object code from the source files and load it into the device. Give the details of configuration settings in the software tools, switch positions/ pin positioning etc in the hardware tools used for this purpose. Screenshots may be included if required, for better clarity.

8.0 Archive, Release and data integrity

Mention how and where the source code, object code and the tools are going to be preserved without tampering by unauthorised personnel and retrieved safely for use by authorised personnel. Include how data integrity of the software is ensured before use.

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