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| PREP | | Irit Pernat | |  | 06/2015 | | Title : | | | | | | | |
| SEPG Manager | | Siaglit Croitoru | |  |  | | **Template for** **Software** **Version Description (SVD)** | | | | | | | |
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|  |
| --- |
| **Software Version Description**  **(SVD)** |
| ***for the***  ***[CSCI Name] CSCI***  ***of***  ***[System Name] System***  CDRL SEQUENCE NO. *[CDRL number]*  Prepared for:  *[Contracting Agency Name, department code]*  Prepared by:  *[contractor name and address]* |

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**General Guidelines**

* Remove the first page of this document (template header). This page will be added automatically by PLM.
* Remove the explanation text (in red) from the final document
* Replace the italic blue text with the actual data
* Do not delete not applicable paragraphs or paragraphs with no data, just mark it with None – when applicable but no relevant requirements for the paragraph, or NA - when the paragraph is not applicable.

# SCOPE

The Software Version Description (SVD) identifies and describes the released version of the *CSCI Name* CSCI of the *System Name* System.

You may identify and describe versions release of more than one CSCI in the same SVD. In this case, modify the above sentence (and other sentences in this SVD) so it refers the relevant CSCIs

## Identification

Identify the CSCI(s) which this SVD applies to.

System name: *System name*

System abbreviation: *System abbreviation*

CSCI number: *CSCI number*

CSCI Name: *CSCI Name*

CSCI abbreviation: *CSCI abbreviation*

CSCI version number: *CSCI version number*

CSCI version issue date: *CSCI version date*

Software checksum: *Software Checksum   
checksum is mandatory for burn SW. If not required - write "not required"*

SVD recipients: Identify the intended recipients of the SVD to the extent that this identification affects the contents of the software released (for example, source code may not be released to all recipients.)

## System Overview

Include here a brief description of the system. Describe the general nature & functionality of the system and software.

Identify the project user, developer and support agencies. Identify current & planned operating sites.

Add simplified block diagram of the system.

You may reference to an external document describing "System Overview", or to the relevant paragraphs in the SDP.

## Document Overview

The SVD identifies and describes the released version of the *CSCI Name*.

The documentation listed in paragraph 2.2 provides a detailed description of the software.

This SVD was developed in conformance with and structured to follow Data Item Description (DID) DI‑IPSC-81442.

*If applicable, describe security / privacy considerations associated with this SVD use.*

This SVD is structured as follows:

*Add appendixes as applicable.*

| Section | Contents |
| --- | --- |
| Section 1 | Scope of this document |
| Section 2 | All documents referenced by this SVD |
| Section 3 | Version description |
| Section 4 | Notes and Acronyms |
| Appendix A | Lists the files for this CSCI |

# Referenced Documents

Make sure to mention only referenced documents and not all applicable documents.

## Government Documents

Update the list of government documents referenced in this SVD (standards, international guidelines, etc.).

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Title** | **Description** | **Date** |
|  | DI-IPSC-81442 | SOFTWARE VERSION DESCRIPTION (SVD) | 05/12/1994 |

## Project Documents

Complete the list of project documents referenced in this SVD (except of the documents mentions in Related Documents paragraph – 3.5).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Doc. ID** | **Title** | **Revision** | **Date** |
|  |  |  |  |  |
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## Other Documents

Complete the list of project documents referenced in this SVD.

|  |  |  |  |  |
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| **#** | **Doc. ID** | **Title** | **Revision** | **Date** |
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# Version Description

## Inventory of Materials Released

The following section is relevant only when media is delivered. If none, write: None materials released.

The CSCI is released on the following media: *DISKETTE 3 1/2” / CD / DVD* whose label is identified as following:

|  |  |
| --- | --- |
|  | *ID number* |
|  | *Name* |
|  | *Version number* |
|  | *Issue date* |

Add references (including Doc. ID, titles, revision and date) for the physical media associated documentation that makes up the software version being released.

## Inventory of Software Contents

List the ZIP files and Executables (as in PLM) - files names, their exact size and date.

The release contains the following files:

|  |  |  |  |
| --- | --- | --- | --- |
| **File Name** | **Size** | **Date** | **Comment** |
| Source code ZIP files |  |  | If the release of source files is NOT required by the contract, add the following note. Otherwise, remove this note  This zip file is released in the formal CM for future development. It is considered proprietary to ESL and is not to be released to the customer |
|  |  |  |  |
|  |  |  |  |

The released version contains the CSCI’s files listed in appendix A.

## Changes Installed

## Class I Changes Installed

*For the initial release of a CSCI this paragraph is not applicable - Write: NA.*

*For subsequent CSCI versions - List all Class I changes (functional changes) incorporated into the CSCI since the previous released version, with a cross reference to the affected CSCI specifications. Specify the ID number of the previous and current versions.*

The following summarizes the functional changes incorporated into the CSCI from version *[last formal version full ID number]* to this version *[this version full ID number]*:

*Fill the following table with the software modifications / fixes / enhancements / … that were made since the previous version that delivered to the specific customer. Make sure that you add all changes including changes of versions that not delivered to the specific customer.*

| **No.** | **Change Title** | **Change Type** | **Comment** |
| --- | --- | --- | --- |
|  |  | *Requirement Change (by customer / sys. eng.)*  *Continuance Development (for next block)*  *Bug Fix* | *Reference to ECP/ECO or SW requirement ID or*  *Bug ID* |
|  |  |  |  |

## Class II Changes Installed

*As explained in paragraph 3.3.1, for class II changes (document changes only).*

*If no Class II changes, write: No Class II changes.*

## Changes Effects

*For the initial release of a CSCI this paragraph is not applicable - Write: NA.*

*For subsequent CSCI versions - Indicate items that affected by the changes incorporated in this version.*

*I.e. interfaces to other systems, configuration, operational, etc.*

## Adaptation data

*For the initial release of a CSCI - Whether the CSCI will be installed in several sites, and there are differences in the installations or in the usage instructions, specify or reference all unique-to-site data contained in the items being delivered. Otherwise – write: No adaptation is required.*

*For subsequent CSCI versions - Whether this paragraph was applicable in the initial release of the CSCI, specify the information necessary to identify changes made to the adaptation data. Otherwise – write: No adaptation is required*

## Related Documents

* *List all project's documents applicable for this version (Requirements, design documents, etc.)*
* *List the operation and support documents that are not a part of the delivered package, but required to operate, load, or regenerate the CSCI.*
* Make sure to include, the released STD/ATP and the released STR/ATR documents, that served to test this SW released version

The following table lists the associated documentation that makes up the new version, and the operation and support documents that are not a part of the delivered package, but required to operate, load, or regenerate the CSCI.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Doc. ID** | **Title** | **Revision\*** | **Date** |
|  |  |  |  |  |
|  |  |  |  |  |

\* The referenced documents' revision estate the applicable revisions relevant for this SW version on its release date.

CLASS II changes for these documents will not accompanied with new SVD revision.

Other SW versions relevant for the proper functionality of this CSCI version are listed in the following table:

*List all other SW versions relevant for the proper functionality of this CSCI version*

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **SW Name** | **SVD/VDD Revision (in PLM)** | **Remarks** |
|  |  |  |  |
|  |  |  |  |

## Installation instructions

*Update this paragraph according to the released CSCI; describe also the installation instructions for offline parameters*

## Prerequisites

The *CSCI abbreviation* CSCI installation for use requires a *Operating System name* system. The following items have to be installed prior to installation of the CSCI:

* Operating system *Operating System name* version *version number*

Installation for development and maintenance required also the following development tools:

* *compiler name* compiler, version *version number*
* *linker name* linker, version *version number*
* *debugger/simulator name* debugger/simulator, version *version number*

*Consider to add appendix with detailed configuration information and installation for perquisite software. Add here reference to this appendix and add it name in the Document Overview section.*

## Installation instructions

To install the software for use, perform the following instructions:

1. Use the approved version of the released CSCI media, and locate it in drive *drive name* of the system.
2. Restore the backed-up CSCI by use of the system commands:

*Command*

*Command*

*....*

1. ...

To verify the proper installation of this software use the following procedure:

*Add here instructions / procedures for determining whether the version has been installed properly.*

The following persons are the points-of-contact for the installation process of this software release: *Add here relevant POCs with phone number and e-mail address.*

## Installation instructions for development

*This paragraph is optional. You may remove it when not applicable.*

1. Compilation of all source files: activate *- - -.COM* file.
2. Linkage: activate  *- - -.COM* file.
3. Locate: activate *- - -.COM* file.
4. Convert locate files: activate *- - -.COM* file.
5. Program the device in accordance with *User/Developer Manual name*

*Consider to add appendix with printouts of the installation files used to install this CSCI. Add here reference to this appendix and add it name in the Document Overview section.*

## Possible problems and known errors

*List the possible problems or known errors with the software version and any steps being taken to resolve the problems or errors. Add instructions (either directly or by reference) for recognizing, avoiding, correcting, or otherwise handling each one*

*Whether there are none - write: none*

# NOTES

This section shall contain any general information that aids in understanding this document (e.g., background information, glossary, rationale). This section shall include an alphabetical listing of all acronyms, abbreviations, and their meanings as used in this document and a list of any terms and definitions needed to under­stand this document

## Acronyms and Abbreviations

Update the table according to the relevant abbreviations in this document

|  |  |
| --- | --- |
| CM | Configuration Management |
| CSCI | Computer Software Configuration Item |
| ECO | Engineering Change Order |
| ECP | Engineering Change Proposal |
| NA | Not Applicable |
| VDD | Version Description Document |

Appendixes may be used to provide information pub­lished separately for convenience in document main­tenance (e.g., charts, classified data). As applicable, each appendix shall be refer­enced in the main body of the document where the data would normally have been provided. Appendixes may be bound as separate documents for ease in handling. Appendixes shall be lettered alphabeti­cally (A, B, etc.).

# APPENDIX A - Contents of CSCI directories

This appendix lists all files, divided to directories, as arranged in the released CSCI.

For each entry in the list include the following information: file name, file date, and file size.

At the end of the list add a directory summary line. This line shall include the total number of files and their size.

When the CSCI is to be released on more than one diskette, the list shall be organized according to the media’s order. Each diskette shall be described in a separated sub-paragraph.

If the media contains compressed files, these should be, first, listed in their compressed form, giving for each file : name, date and size, then each compressed file should be detailed in its extracted form, giving all its included files list, with the details, as above : file name, file date and file size.

Other possible appendixes:

**Appendix B - LINK/LOCATE MAP printout**

Gives the MAP of this CSCI, as listed by the LINK/LOCATE process

**Appendix C - CSCI Installation files**

Describes printout of the installation files used to install this CSCI

**Appendix D - Software configuration requirements**

Gives detailed requirements for configuration of software installed as pre-requisite

**Appendix E - Hardware configuration requirements**

Gives detailed requirements for configuration of hardware as prerequisite