Project <Project Name>

<System Name>

Software Version Description (SVD) for <Name of software>

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| --- | --- | --- | --- | --- | --- | --- | --- |
| CDRL: |  | Spec Refs: |  |  |  |  |  |
| <CDRL> |  | <Spec Refs> |  |  |  |  |  |
| Prepared: |  | <Prepared Name> |  |  |  | signed: |  |
|  |  | <Prepared Title> |  | Signature |  | yyyy-mm-dd |  |
| Verified: |  | <Verified Name> |  |  |  | signed: |  |
|  |  | <Approved Title> |  | Signature |  | yyyy-mm-dd |  |
| Approved: |  | <Approved Name> |  |  |  | signed: |  |
|  |  | <Approved Title> |  | Signature |  | yyyy-mm-dd |  |
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|  | Revision: |  | <Revision Level> |  |
|  | Status: |  | Draft |  |
|  | Date (yyyy-mm-dd): |  | 2012-04-02 |  |

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Revision | Date  (yyyy-mm-dd) | Initials | Description of Changes |
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# Scope

[TBD – Make sure you have the correct master template (ANNAX Template for Technical Documents.dotm) correctly installed in the correct location (see hints in the master template).

Please evoke the “Document Information” dialog by pressing **SHIFT+F10** in order to enter document information like e.g. document title and document number.

This SVD template contains **explanatory hidden text**. Pressing **ALT+H** will **toggle on/off** hidden text. Please remove this paragraph as well as all hidden text in the document before or when you finalize the SVD.]

Removal of hidden text is supported by a Word macro: Pressing SHIFT+F10 will evoke a dialog. Clicking „Finalize document“ will remove all hidden text automatically.

Please leave the structure of the SVD – if not otherwise stated – unchanged. This will facilitate re-use of document content in future projects and is a prerequisite for conformance of the SVD with IEEE Standard 1558-2004.

Descriptions taken from the standard and pertaining questions from an ANNAX customer’s checklist are shown in hidden texts in nearly every subclause

## Identification

The following paragraph and several other texts in the document are only examples and must be changed. The structure of the document (Table of Contents) must not be changed, in order to stay conform to IEEE 1558.

This Software Version Description (SVD) covers the software for <system name> for the <project name> project. No software is currently being released. Therefore, this document only contains a list of software versions which will presumably be installed on the <project name> at the time of first commissioning.

[EIA/IEEE J-STD-016-1995] I.2.2: Identification .This subclause shall contain a full identification of the system and the software to which this document applies, including, as applicable, identification number(s), title(s), abbreviation(s), version number(s), and release number(s). It shall also 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

The software system is described in the ANNAX Software Project Management Plan [ASPMP]. The figure below is contained in [ASPMP] and repeated here for reference.

[EIA/IEEE J-STD-016-1995] I.2.2: System overview .This subclause shall briefly state the purpose of the system and the software to which this document applies. It shall describe the general nature of the system and software; summarize the history of system development, operation, and maintenance; identify the project sponsor, acquirer, user, developer, and maintenance organizations; identify current and planned operating sites; and list other relevant documents.



Figure 1: Context Diagram

## Document Overview

This document is organized into four sections: Section 1 (this section) describes the scope of the document, and Section 2 lists document references. Section 3 is the essence of the document and lists the software version information and all changes from the preceding to the current version. Section 4 contains the version history.

[EIA/IEEE J-STD-016-1995] I.2.2: This subclause shall summarize the purpose and contents of this document and shall describe any security or privacy protection considerations associated with its use.

## Definitions, Acronyms and Abbreviations

The following acronyms and definitions are used within this SVD:

Table 1: List of Acronyms and Definitions

| Term/Acronym | Definition |
| --- | --- |
| SCI | Software Configuration Item |
| SVD | Software Version Description |
| TBD | To Be Defined |

# References

The following documents are referenced within this SVD:

Table 2: List of References

| Doc ID | Document Description |
| --- | --- |
| [ASPMP] | Software Project Management Plan; ANNAX; Doc.ID TBD |

[EIA/IEEE J-STD-016-1995] I.2.2: Referenced documents .This clause shall list the number, title, revision, date, and source of all documents referenced in this manual.

# Version Description

## Inventory of Materials Released

[EIA/IEEE J-STD-016-1995] I.2.2: Inventory of materials released .This subclause shall list by identifying numbers, titles, abbreviations, dates, version numbers, and release numbers, as applicable, all physical media (for example, listings, tapes, disks) and associated documentation that make up the software version being released. It shall include applicable security and privacy protection considerations for these items, safeguards for handling them, such as concerns for static and magneticfields, and instructions and restrictions regarding duplication and license provisions.

### Executable Software

Will be filled in a future revision of this document

[IEEE1558] Table A.15: Identify the media the executable software is delivered on. Include any batchfiles, commandfiles, etc., needed to install and operate the software.

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {Is the reference to the electronic media containing the software release provided?}

### Packaging Requirements

Will be filled in a future revision of this document

[IEEE1558] Table A.15: Identify requirements for packaging and delivering the software.

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {Are the requirements for packaging and making copies of the software provided?}

### Qualification Provisions

Will be filled in a future revision of this document

[IEEE1558] Table A.15: Identify the method to be used to ensure the executable software delivered is a valid copy. This may be done by verifying a Checksum or cyclical redundancy check, etc.

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {Is the method used to validate that the given body of software is a valid copy stated?}

## Inventory of Software Contents

Table 3: Software Contents

| Device | Component | SCI Name | SCI Description | Image-Filename | Version |
| --- | --- | --- | --- | --- | --- |
| <device name> | -/- |  |  |  |  |
|  |  |
|  |  |
|  |  |

[EIA/IEEE J-STD-016-1995] I.2.2: Inventory of software contents .This subclause shall list by identifying numbers, titles, abbreviations, dates, version numbers, and release numbers, as applicable, all computer files that make up the software version being released. Any applicable security and privacy protection considerations shall be included.

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {Are all the computer files making part of the software release identified, including version numbers of each file? }

Remarks:

## Changes Installed

Not applicable for this preliminary document version

Here all changes since the previous version are listet. A version history shall be documented in chapter 4. Please copy the content to Chapter 4 before changing Chapter 3.3.

[EIA/IEEE J-STD-016-1995] I.2.2: Changes installed .This subclause shall contain a list of all changes incorporated into the software version since the previous version. If classes or categories of changes have been used, the changes shall be separated into these classes or categories. This subclause shall identify, as applicable, the problem reports, change proposals, and change notices associated with each change and the effects, if any, of each change on system operation and on interfaces with other hardware and software. This subclause does not apply to the initial software version.

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {Are all the changes incorporated in the software since initial release described?}
* {Are the problem reports and change proposals associated with these changes identified?}
* {If applicable, are the effects of the changes on system operation, interfaces, and external hardware and software described?}

## Adaption Data

Not applicable for this preliminary document version

[EIA/IEEE J-STD-016-1995] I.2.2: Adaptation data .This subclause shall identify or reference all unique-to-site data contained in the software version. For software versions after the first, this subclause shall describe changes made to the adaptation data.

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {If applicable, are the unique-to-site adaptation data contained in the software version described?}
* {If applicable, are changes to the unique-to-site adaptation data for the new software release described?}

## Related Documents

Not applicable for this preliminary document version

[EIA/IEEE J-STD-016-1995] I.2.2: Related documents. This subclause shall list by identifying numbers, titles, abbreviations, dates, version numbers, and release numbers, as applicable, all documents pertinent to the software version being released but not included in the release.

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {Are all software documents pertaining to the software version being released identified, including document number and version number?}

## Installation Instructions

Not applicable for this preliminary document version

[EIA/IEEE J-STD-016-1995] I.2.2: Installation instructions .This subclause shall provide or reference the following information, as applicable:

* a) Instructions for installing the software version
* b) Identification of other changes that have to be installed for this version to be used, including site-unique adaptation data not included in the software version
* c) Security, privacy protection, or safety precautions relevant to the installation
* d) Procedures for determining whether the version has been installed properly
* e) A point of contact to be consulted if there are problems or questions with the installation

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {Are the instructions for installing the software version provided?}
* {Are unique-to-site changes that have to be installed provided, if applicable?}
* {If applicable, is security, privacy, or safety precautions relevant to the installation provided?}
* {Is the procedure for determining whether the version as being installed properly provided?}
* {Is a point of contact to be consulted if there are problems or questions with the installation provided?}

## Software Maintenance Information

Not applicable for this preliminary document version

### Compilation / Build Procedures

[IEEE1558] Table A.15: Identify all the tools, by version number, used to develop the software. Describe the compilation/build processes required to produce the executable software from the source file.

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {Is the compilation / build process to generate the software from the source files described or referenced?}

### Computer Hardware Resource Utilization

[IEEE1558] Table A.15: Document the “as built” software resource utilization.

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {If applicable, is the “as-built” software measured utilization of computer hardware resources described?}

## Possible Problems and Known Errors

Not applicable for this preliminary document version.

[EIA/IEEE J-STD-016-1995] I.2.2: Possible problems and known errors .This subclause shall identify any possible problems or known errors with the software version at the time of release, any steps being taken to resolve the problems or errors, and instructions (either directly or by reference) for recognizing, avoiding, correcting, or otherwise handling each one. The information presented shall be appropriate to the intended recipient of the SVD (for example, a user organization may need advice on avoiding errors, a maintenance organization on correcting them).

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {Are all possible problems and known errors of the software release identified?}
* {Are the steps to recognize, avoid, correct or handle the errors provided?}

## Compatibility Information

Not applicable for this preliminary document version

[IEEE1558] Table A.15: Describe the versions of hardware or software that are compatible with this version.

Zugehörige Fragen aus der Checkliste eines Kunden von ANNAX:

* {Are the versions of hardware and software compatible with this version described?}

# Version History

Not applicable for initial document release.

Here the version history is documented. Therefore the content of section 3.3 (where only the changes since the previous revision are documented) shall be copied here before changing it.

## Version aa.bb.cc

### Overview

### Changes

#### Fixes

#### New Features