

Programme Management - Configuration Management -
Part 100: A guide for the application of the principles of
configuration management

EESTI STANDARDI EESSÕNA

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English Version

**Programme Management - Configuration Management -
Part 100: A guide for the application of the principles of
configuration management**

Management de Programme - Gestion de la
Configuration - Partie 100 : Guide pour la mise en
œuvre des principes de la gestion de la configuration

Programm-Management - Konfigurationsmanagement
-Teil 100: Anwendungsanleitung für die Grundsätze
des Konfigurationsmanagement

This European Standard was approved by CEN on 25 September 2017.

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European foreword

This document (EN 9223-100:2018) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2018, and conflicting national standards shall be withdrawn at the latest by September 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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1 Scope

The present document:

- is based on internationally-recognized concepts;
- proposes organisational principles and implementation processes for configuration management from both viewpoints: “programme” and “company”, with emphasis on the “programme” viewpoint.

The required procedures for implementation and necessary tailoring have to be prescribed for each programme.

This document encompasses some aspects of the relationship between configuration management and contract management, but does not address contract management procedures.

Intended for use in complex programmes (aerospace, defence, etc.), this document is an extension of standard ISO 10007 *Quality management systems — Guidelines for configuration management*.

This document is coherent with EN 9200 *Programme management — Guidelines for project management specifications*.

The described principles concern all the stakeholders in the programme (authorities, manufacturers, skills, etc.) from the feasibility phase to disposal. These principles can be applied or tailored to any products (material or software).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

Applicable standards may change according to the related skills (mechanical, chemical and software, etc. or according to the different domains (Defence, Space, Aircraft, etc.)

EN 9223-101, *Programme Management — Configuration Management — Part 101: Configuration identification*¹⁾

EN 9223-102, *Programme Management — Configuration Management — Part 102: Configuration status accounting*¹⁾

EN 9223-103, *Programme Management — Configuration Management — Part 103: Configuration Verifications, Reviews and Audits*¹⁾

EN 9223-104, *Programme Management — Configuration Management — Part 104: Configuration Control*¹⁾

EN 9223-105, *Programme Management — Configuration Management — Part 105: Glossary*¹⁾

EN 9100, *Quality Management Systems — Requirements for Aviation, Space and Defence organizations*

1) Published as ASD-STAN Prestandard at the date of publication of this standard <http://www.asd-stan.org/>.

EN ISO 9000, *Quality management systems — Fundamentals and vocabulary*

EN ISO 9001, *Quality management systems — Requirements*

ISO 10007:2003, *Quality management systems — Guidelines for configuration management*

NOTE A list of publications is given in the bibliography. A table summarizes the relationships of the main documents dealing with configuration management identified at the time this document was published.

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 9223-105 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

4 Configuration management: basic concepts

4.1 “Programme” and “company” viewpoints

The following diagram presents configuration management from the “programme” and “company” viewpoints.

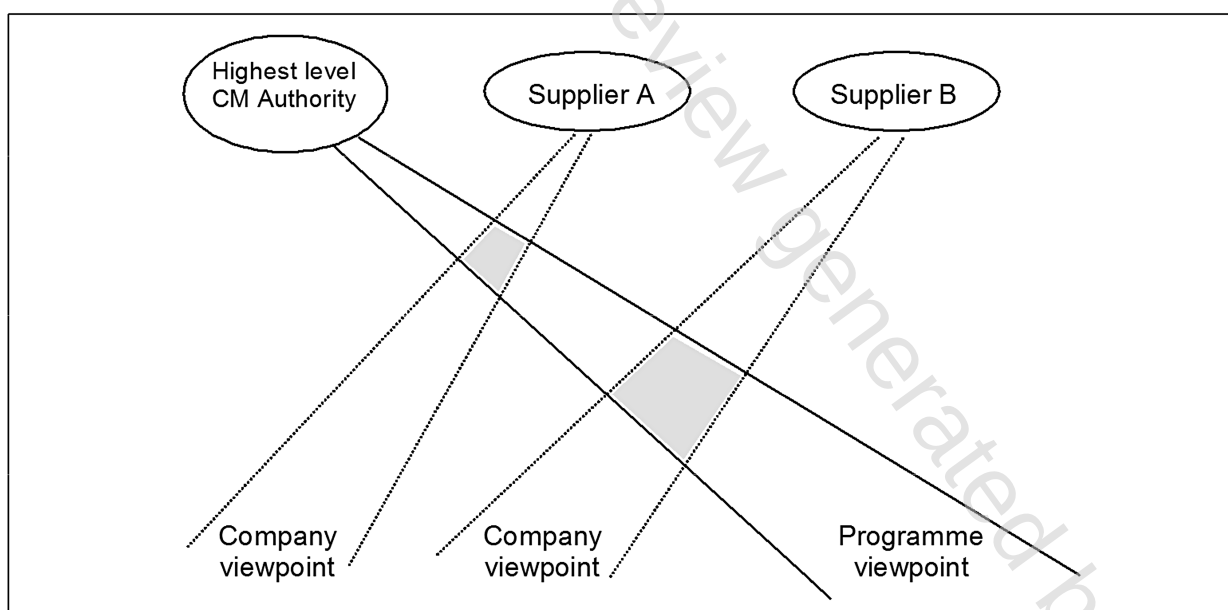


Figure 1 — “Programme” and “Company” viewpoints in configuration management

The necessity of combining these two viewpoints implies that common concepts and methods for the different stakeholders make these viewpoints consistent. The programme manager is responsible for defining management methods for “programme” configuration management, taking into account the programme particular needs and especially its phasing and scheduling.

The present document develops the configuration management according to the “programme” viewpoint. The “company” viewpoint is given preference in other standards.