Systems and software engineering — Life cycle management —
Part 2: Guidelines for the application of ISO/IEC/IEEE 15288 (System life cycle processes)

*Ingénierie des systèmes et du logiciel — Gestion du cycle de vie — Partie 2: Lignes directrices pour l’application de l’ISO/IEC/IEEE 15288 (Processus du cycle de vie du système)*
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Foreword

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Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.
Introduction

This document and its companion, ISO/IEC TR 24748-3 Guide to the application of ISO/IEC 12207 (Software life cycle processes) specifically support use of ISO/IEC/IEEE 15288 and ISO/IEC/IEEE 12207, respectively. These two guidelines continue and make use of the alignment effort evident in the two revised International Standards. Terminology, structure and content in the guidelines are aligned consistent with that in the two International Standards. Consequently, the users of ISO/IEC/IEEE 12207 and ISO/IEC/IEEE 15288 will benefit from having documents complementarily addressing all aspects of services or products over their life cycle.

Besides the above, there is also increasing recognition of the importance of ensuring that all life cycle stages, and all aspects within each stage, are supported with thorough guidance enabling alignment with process documents that focus on areas besides systems and software. This can include hardware, humans, data, processes (e.g. review process), procedures (e.g. operator instructions), facilities and naturally occurring entities (e.g. water, organisms, minerals). The concept and structure of the ISO/IEC/IEEE 24748 series is intended to allow its extension to such additional domains where that will provide value to users.
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1 Scope


This document is intended to be consistent with both ISO/IEC/IEEE 24748-1 and ISO/IEC/IEEE 15288:2015 in its treatment of life-cycle concepts and systems engineering processes.

NOTE Systems engineering for defense programs is addressed in IEEE Std 15288.1, Application of Systems Engineering on Defense Programs.

2 Normative references

There are no normative references in this document.