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Australian/New Zealand Standard™

Systems and software engineering — System of systems (SoS) considerations in life cycle stages of a system



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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT-015, Software and Systems Engineering.

The objective of this Standard is to provide a set of critical system of systems (SoS) considerations to be addressed at key points in the life cycle of the system of interest (SoI). This document refers to considerations that apply to an SoI that is a constituent system that interacts in an SoS. The considerations and life cycle model align with those which are already defined in AS/NZS ISO/IEC/IEEE 15288:2015 and SA/SNZ TR ISO/IEC 24748.1:2014. Selected subsets of these considerations can be applied throughout the life of systems through the involvement of stakeholders. The ultimate goal is to achieve customer satisfaction, so that when delivered, the SoI will operate effectively in the operational or business environment which is typically characterized as one or more systems of systems.

This document concerns those systems that are man-made and are configured with one or more of the following: hardware, software, humans, procedures and facilities.

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