

ISO/IEC 29110-1-1:2024-05 (E)

Systems and software engineering - Lifecycle profiles for very small entities (VSEs) - Part 1 -1: Overview

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms	1
5	VSE Characteristics and VSE potential benefits	1
5.1	VSE characteristics	1
5.2	VSE potential benefits	2
6	Lifecycle process concepts	2
6.1	General	2
6.2	Systems concepts	2
6.3	Life cycle models and stages	2
6.4	Life cycle product types	2
7	Process improvement and assessment concepts	3
7.1	Process improvement concepts	3
7.2	Capability assessment concepts	3
7.3	Conformity assessment	3
8	Standardization concepts	4
8.1	General	4
8.2	Standard	4
8.3	Guidelines	4
8.4	Profile	4
8.5	Profile group	4
8.6	Generic profile group	4
8.7	Use of profiles	5
8.8	Conformity to profiles	5
9	Catalogue of VSE profile-based documents	5
9.1	General	5
9.2	Profile-based documents	5
9.3	The software engineering generic profile group	6
9.3.1	General	6
9.3.2	The Entry profile	6
9.3.3	The Basic profile	6
9.3.4	The Intermediate profile	7
9.3.5	The Advanced profile	7
9.3.6	The agile profile	7
9.4	The systems engineering generic profile group	7
9.4.1	General	7
9.4.2	The Entry profile	7
9.4.3	The Basic profile	7

9.4.4	The Intermediate profile	7
9.4.5	The Advanced profile	7
9.5	The organizational management profile group	7
9.6	The service delivery profile group	8
9.7	Specific profile group -- The space profile	8
10	Overview of the ISO/IEC 29110 series	8
10.1	General	8
10.2	Profile specific documents	8
10.2.1	VSE profiles	8
10.2.2	Generic profile group	8
10.2.3	Profile specifications	8
10.2.4	Management and engineering guidelines	8
10.2.5	Product line engineering	9
10.3	Introductory documents	9
10.3.1	Overview	9
10.3.2	Vocabulary	9
10.4	Framework	9
10.5	Domain specific profile	9
10.6	Certification and assessment guidelines	9
10.6.1	Guidelines	9
10.6.2	Certification guidelines	10
10.6.3	Assessment guidelines	10
10.6.4	Framework of autonomy-based improvement	10
10.7	Specific profile guidelines	10
Annex A (informative)	Reference works	11
Bibliography	13