

# ISO/IEC 29110-5-6-4:2025-03 (E)

## Systems and software engineering - Life cycle profiles for very small entities (VSEs) - Part 5-6-4: Systems engineering guidelines for the generic Advanced profile

---

### Contents

Page

Foreword.....	v
Introduction.....	vi
<b>1 Scope.....</b>	<b>1</b>
<b>2 Normative references.....</b>	<b>1</b>
<b>3 Terms and definitions.....</b>	<b>1</b>
<b>4 Conventions and abbreviated terms.....</b>	<b>5</b>
4.1 General.....	5
4.2 Naming, diagramming and definition conventions.....	5
4.3 Notation used to document new processes, additions and modifications to the processes of the Intermediate profile.....	6
4.4 Abbreviated terms.....	7
<b>5 Systems thinking.....</b>	<b>8</b>
<b>6 Overview.....</b>	<b>8</b>
<b>7 Technical management (TM) process.....</b>	<b>10</b>
7.1 TM process purpose.....	10
7.2 TM process outcomes.....	10
7.3 TM roles involved.....	11
7.4 TM process description.....	11
7.4.1 TM diagram.....	11
7.4.2 TM activities.....	12
<b>8 Project management (PM) process.....</b>	<b>19</b>
8.1 PM process purpose.....	19
8.2 PM process outcomes.....	19
8.3 PM roles involved.....	20
8.4 PM process description.....	20
8.5 PM diagram.....	20
8.5.1 PM activities.....	21
<b>9 System definition and realization (SR) process.....</b>	<b>31</b>
9.1 SR process purpose.....	31
9.2 SR process outcomes.....	31
9.3 SR roles involved.....	32
9.4 SR process description.....	32
9.4.1 SR diagram.....	32
9.4.2 SR activities.....	33
<b>10 Acquisition management process (AM).....</b>	<b>48</b>
10.1 AM process purpose.....	48
10.2 AM process outcome.....	48
10.3 AM roles involved.....	48
10.4 AM process description.....	48
10.4.1 AM diagram.....	48
10.4.2 AM activities.....	49
<b>11 System transition and disposal process (SYTD).....</b>	<b>52</b>
11.1 SYTD process purpose.....	52
11.2 SYTD process outcomes.....	52

11.3	SYTD roles involved.....	52
11.4	SYTD process description.....	52
	11.4.1 SYTD diagram.....	52
	11.4.2 SYTD activities.....	53
<b>12</b>	<b>Roles.....</b>	<b>57</b>
<b>13</b>	<b>Work product description.....</b>	<b>59</b>
	13.1 States of work products.....	59
	13.2 Description of work products.....	60
<b>14</b>	<b>System tools.....</b>	<b>79</b>
	14.1 System tools overview.....	79
	14.2 Project management process.....	79
	14.3 System definition and realization process.....	79
<b>Annex A (informative) Systems engineering deployment packages.....</b>		<b>80</b>
<b>Bibliography.....</b>		<b>82</b>