

# DIN EN ISO/IEC 29101:2022-04 (E)

## Information technology - Security techniques - Privacy architecture framework (ISO/IEC 29101:2018 )

---

	Contents	Page
<b>European foreword</b>		3
<b>Foreword</b>		4
<b>Introduction</b>		5
<b>1 Scope</b>		6
<b>2 Normative references</b>		6
<b>3 Terms and definitions</b>		6
<b>4 Symbols and abbreviated terms</b>		6
<b>5 Overview of the privacy architecture framework</b>		6
5.1 Elements of the framework		6
5.2 Relationship with management systems		8
<b>6 Actors and PII</b>		8
6.1 Overview		8
6.2 Phases of the PII processing life cycle		9
6.2.1 Collection		9
6.2.2 Transfer		10
6.2.3 Use		10
6.2.4 Storage		11
6.2.5 Disposal		11
<b>7 Concerns</b>		11
7.1 Overview		11
7.2 The privacy principles of ISO/IEC 29100		11
7.3 Privacy safeguarding requirements		12
<b>8 Architectural views</b>		12
8.1 General		12
8.2 Component view		13
8.2.1 General		13
8.2.2 Privacy settings layer		14
8.2.3 Identity management and access management layer		17
8.2.4 PII layer		19
8.3 Actor view		24
8.3.1 General		24
8.3.2 ICT system of the PII principal		25
8.3.3 ICT system of the PII controller		25
8.3.4 ICT system of the PII processor		26
8.4 Interaction view		27
8.4.1 General		27
8.4.2 Privacy settings layer		27
8.4.3 Identity and access management layer		28
8.4.4 PII layer		28
<b>Annex A (informative) Examples of the PII-related concerns of an ICT system</b>		30
<b>Annex B (informative) A PII aggregation system with secure computation</b>		35
<b>Annex C (informative) A privacy-friendly, pseudonymous system for identity and access control management</b>		42