

DIN EN 17529:2022-08 (E)

Data protection and p rivacy by design and by default

Contents		Page
European foreword		4
Introduction		5
1 Scope.....		6
2 Normative references.....		6
3 Terms, definitions and abbreviations		6
3.1 Terms and definitions.....		6
3.2 Abbreviated terms.....		7
4 General.....		7
4.1 Preparing the grounds for data protection and privacy by design and by default.....		7
4.2 Structure for disassembling product and service into applicable categories		8
4.2.1 Introduction.....		8
4.2.2 Product perspectives.....		9
4.2.3 Service elements		9
4.3 Self-declaration and levels of achievement.....		10
5 Privacy-aware development of products and services		12
5.1 Leadership and market intelligence		12
5.2 Preparation.....		13
5.3 Design.....		13
5.3.1 Determination of DPPbDD requirements		13
5.3.2 Development		14
5.3.3 Production and service provision.....		15
5.3.4 Release of products and services		15
5.4 Performance evaluation.....		15
5.5 Improvement.....		15
6 Data protection capability requirements on the design of products and services		15
6.1 Access		15
6.1.1 Access to data		15
6.1.2 Copy of data.....		16
6.2 Accountability		16
6.3 Accuracy		17
6.4 Data de-identification		18
6.5 Data minimization		19
6.6 Data portability		20
6.7 Confidentiality		21
6.8 Erasure.....		23
6.9 Consent and Children		24
6.9.1 Determination of user age.....		24
6.9.2 Configurable children age threshold		24
6.10 Information security.....		25
6.10.1 Unauthorized or unlawful processing.....		25
6.10.2 Data loss		28
6.10.3 Information protection targets.....		29
6.10.4 Restore.....		29
6.11 Lawfulness.....		30

6.11.1	Data disclosure	30
6.11.2	Consent.....	30
6.12	Objection to processing.....	31
6.13	Automated decision making.....	32
6.14	Restriction of processing	32
6.15	Storage limitation	33
6.16	Transparency	34
6.16.1	Information.....	34
6.16.2	Record of processing activities.....	37
7	Requirements to the self-declaration of privacy-aware design	38
7.1	Process requirements.....	38
7.1.1	Preparation based on the product perspective and service element requirements.....	38
7.1.2	Additional considerations related to DPIAs	38
7.1.3	Determination of the level of achievement.....	38
7.2	Self-declaration statement.....	39
Annex A	(informative) Applicability mapping between Clause 6 requirements and perspectives or elements.....	41
Annex B	(informative) Approach for a specification	53
Annex C	(informative) Guidelines related to EN ISO 9001	55
Annex ZA	(informative) Relationship between this European Standard and the data protection by design and by default requirements of Regulation EU 2016/679 aimed to be covered	60
Bibliography	62