

Big Data and Law

Caldarola / Schrey

2020

ISBN 978-3-406-74393-1

C.H.BECK

schnell und portofrei erhältlich bei
[beck-shop.de](https://www.beck-shop.de)

Die Online-Fachbuchhandlung [beck-shop.de](https://www.beck-shop.de) steht für Kompetenz aus Tradition. Sie gründet auf über 250 Jahre juristische Fachbuch-Erfahrung durch die Verlage C.H.BECK und Franz Vahlen.

[beck-shop.de](https://www.beck-shop.de) hält Fachinformationen in allen gängigen Medienformaten bereit: über 12 Millionen Bücher, eBooks, Loseblattwerke, Zeitschriften, DVDs, Online-Datenbanken und Seminare. Besonders geschätzt wird [beck-shop.de](https://www.beck-shop.de) für sein umfassendes Spezialsortiment im Bereich Recht, Steuern und Wirtschaft mit rund 700.000 lieferbaren Fachbuchtiteln.

Index of keywords

The numbers refer to the margin numbers

A

Access control 448, 449, 489
Access and user control 452
Admission control 450
Algorithms 321, 496
Analyses of projects 344
Anonymization 277, 389, 395
– De-anonymization 298
Applicable law 248
Applicant analysis 318
Availability control 456

B

Balancing of interests 69, 189, 230
Blocking 395
Big Data-application
– Verification steps 41
Business or trade secret 49, 105

C

Change of purpose 230
– dynamic 234
Collective works 81, 527
Compliance Management-system 499
Consent 197
– Formal requirements 201
– Free Will 203
– Indications 206
– Opt-in and opt-out solutions 216
– Withdrawal 211
Contract control 455
Controller 122
Control of disclosure, transmission and
transport 453

D

Damages claim 528
Data Trustee 303
Data
– analysis 315
– Collection 255
– Combination 264
– definition 52
– Document 68
– Dynamic IP addresses 56, 281
– Erasure 365
– evaluation 315
– Location, traffic and usage data 64
– Non-personal 175

– non-personal factual data 217, 277
– Ownership 117
– Personal data 51
– Personnel or customer numbers 57
– purchase 257
– Record 42
– Special categories 59
– Transmission 180
– Use 363
– VIN/Vehicle registration numbers 58
Databases 35, 81, 219
Databases and collective works
– Definition 81, 102, 503
Database management system 102, 503
Database model 101
– Hierarchical database model 101
– Network database model 101
– Object-oriented database model 101
– Phases 102
– Relational database model 101
Data base protection rights 93
Data cycle 222
Data deletion concept 393
– Elements 376
– Implementation 374
Data format 103
Data integrity 460
Data medium control 451
Data protection officer 29, 164
Data protection impact assessment 175, 467
Data processing 180, 222
Data sources 267
– Apps 73
– Publicly accessible sources 118, 310
– Open Data 71, 220
– Social Media 67
Deficiencies
– Rectifying 262, 274
Destruction claim 531
Disclosure of a trade or business secret 543
Dynamic matrix structures 152

E

Employee analysis 337
Enforcement rights 510
Encryption 296
Entry in central trade register 521
Erasure date 365
Erasure period 365, 382, 385

Index of keywords

- F**
Fundamental right to ensure the integrity and confidentiality of information technology systems 481
Fundamental right to informational self-determination 479
- I**
Indirect effect of fundamental rights between private individuals 483
Injunctive relief 527, 538
Input and storage control 454
Interface 104
- J**
Joint controllers 141
– Cloud Computing 159
– Minimum contents 143
- L**
Lawful ground for data processing 180
– Personal data 184, 187
Legal storage obligations 385
Level of data protection 251
Liability of the controller 532
- M**
Masking 395
Misdemeanours 520
Monetary fine 513
- N**
Non-personal factual data 217
– Virtual domestic authority 109
- P**
People Analytics 318, 333
Performance of a contract 190
Power to bring collective actions 517
Principles
– Applicable law 248
– Data economy 228
– Prohibition subject to permission 184
– Principle of accountability 465
Processing chain 186
Processor 126
– Controller to processor agreement 129
– Obligations of the processor 135
Pseudonymization 247, 277, 278, 395
- R**
Records of processing activities 441
Recoverability 458
Retention period 365, 387
Rights of data subjects 429, 431
– Right to be access 433
– Right to rectification 434
– Right to appeal 529
– Information obligations 429
– Right to data portability 438
– Right to restriction of processing 437
Right to be forgotten 214, 384, 409
Right holders 36
- S**
Sanction 461, 466, 512, 543
Separation control 457
Scoring 352
Secrecy 296
Stress and mood analyses 343
Subordinate claims 541
Supervisory intervention rights 524
System data protection 474, 491
- T**
Technical and organizational measures 66, 137, 271, 397, 445, 461, 485
Third country transfer 248
Types of data 34, 41, 46
– Anonymized 41
– Personal 41, 51
– Purely factual 41
- U**
User profile 356
- W**
Works council agreements 194