

ID	Specification objective	Goals
I1	SO1: Legal knowledge	Understand how data was classified (G1.1). Understand kinds of processing applicable to data (G1.2).
	SO2: Traceability	Version control and ownership (G1.3).
	SO3: Concerns' separation	Prioritizing compliance (G1.4). Balancing need for agility and compliance (G1.5).
	SO4: Specification transparency	Clear mapping of GDPR sensitive data (G1.6). Identifying the level of data sensitivity (G1.7). Knowing data processing period (G1.8). Identifying purposes of processing (G1.9).
	SO5: Specification flexibility	Identify components requiring flexibility (G1.10). Establish review process with GDPR experts (G1.11).
	Other goals	Automation of compliance controls (G1.12). Communication (G1.13).
I2	SO1: Legal knowledge	Clear mapping of legal norms on IT systems (G2.1).
	SO2: Traceability	"Updateability"/modifiability of traceability (G2.2). Consistency (G2.3) Ease of implementation (G2.4).
	SO3: Concerns' separation	NA
	SO4: Specification transparency	Documenting all the systems (G2.5). Documenting types of data processed (G2.6).
	SO5: Specification flexibility	NA
	Other goals	Identification of the data type (G2.7).
I3	SO1: Legal knowledge	Avoding risks of non-compliance (G3.1)
	SO2: Traceability	Optimal investment to manage non-compliance (G3.2).
	SO3: Concerns' separation	NA
	SO4: Specification transparency	Passing audit (G3.3). Improving communication (G3.4).
	SO5: Specification flexibility	NA
I4	SO1: Legal knowledge	Understanding of design goals (G4.1). Understanding the required design flexibility (G4.2).
	SO2: Traceability	Implementation and change history (G4.3).
	SO3: Concerns' separation	Merging compliance with business operations (G4.4).
	SO4: Specification transparency	Privacy impact assessment (G4.5).
	SO5: Specification flexibility	Effective implementation of changes (G4.6).
I5	SO1: Legal knowledge	NA
	SO2: Traceability	Making sure that software works correctly (G5.1).
	SO3: Concerns' separation	NA
	SO4: Specification transparency	Effective communication on system compliance (G5.2). Faster execution of business processes (G5.3)
	SO5: Specification flexibility	Fast implementation of changes (G5.4). Adaptability (G5.5).
I6	Other goals	Assuring web marketing needs (G5.6). Assuring personal data protection (G5.7).
	SO1: Legal knowledge	Balance business and compliance (G6.1). Finding consensus (G6.2). Bringing the required expertise together (G6.3). Performing gap analysis when required (G6.4). Team understands and can implement compliance (G6.5).
	SO2: Traceability	Executing governance (G6.6). Having proofs for inspections and when issues arise (G5.7).
	SO3: Concerns' separation	NA
	SO4: Specification transparency	Compliance/system is implemented as expected (G6.8).
I7	SO5: Specification flexibility	Identification of components requiring updates (G6.9). Identifying what new vulnerabilities are relevant (G6.10).
	Other goals	Prevent personal data breaches (G6.11). Control IT infrastructure and its evolution (G6.12). Have a correct interpretation (G6.13).
	SO1: Legal knowledge	Implementation of system according to requirements (G7.1.). Advising clients about GDPR compliance of solutions (G7.2).
	SO2: Traceability	Optimization of compliance implementation process (G7.3).
	SO3: Concerns' separation	Identifying components requiring GDPR compliance (G7.4). Not making things more complex (G7.5). Avoid additional expenditures and limitations (G7.6).
I8	SO4: Specification transparency	Everything should be clear to responsible roles (G7.7). Full understanding of requirements to each specific task (G7.8).
	SO5: Specification flexibility	NA
	Other goals	Processing as much data as possible (G7.9). Automation of external GDPR compliance checks (G7.10).
	SO1: Legal knowledge	Address GDPR as early as possible (G8.1). Making GDPR requirements clear to roles involved (G8.2). Higher service quality (G8.3).
	SO2: Traceability	Guarantee that specifications comply with GDPR (G8.4).
I9	SO3: Concerns' separation	Explicit identification of GDPR requirements (G8.5). Logic and functionality separation (G8.6). Audits facilitation (G8.7).
	SO4: Specification transparency	Facilitating compliance reviews (G8.8). Improvement of communication (G8.9). Reducing risk of non-compliance (G8.10). Balancing different requirements and limitations (G8.11). Resolving conflicts between requirements (G8.12). Common understanding between stakeholders (G8.13).
	SO5: Specification flexibility	Modular design (G8.14). Adaptability of engineering processes (G8.15).
	Other goals	Manageability of non-compliance cases (breaches) (G8.16). Manageability of GDPR duties (e.g., consent) (G8.17).
	SO1: Legal knowledge	Awareness and responsibility (G9.1). Security of organization (G9.2).
I10	SO2: Traceability	Control over compliance (G9.3). Visibility and identification of compliance gaps (G9.4). Clarity of compliance status (G9.5).
	SO3: Concerns' separation	Keeping business running (G9.6).
	SO4: Specification transparency	Compliance simplification (G9.7). Avoid penalties (G9.8). Common understanding (G9.9). Efficient compliance (G9.10).
	SO5: Specification flexibility	Monitor gaps in compliance (G9.11).
	Other goals	Compliance efficiency (G9.12).

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I10	SO1: Legal knowledge	Clarity of GDPR requirements (G10.1). Concreteness of GDPR requirements (G10.2). Track changes (G10.3).
	SO2: Traceability	Stay on track in case of changes (G10.4). Identifying where changes are required (G10.5). Compliance testability (G10.6). Ensure that processes support compliance implementation (G10.7).
	SO3: Concerns' separation	Clarity of what in specification is GDPR-relevant (G10.8).
	SO4: Specification transparency	Specification understandability (G10.10). Specification completeness (G10.11). Specification describes resulting software (G10.12).
	SO5: Specification flexibility	Selecting the right abstractions (G10.13). Traceability to support evolution (G10.14). Breaking things down to smaller parts (G10.15). Separation of concerns (G10.16).
	Other goals	NA
I11	SO1: Legal knowledge	References to regulations (G11.1). Providing context for GDPR requirements in future (G11.2). Accessibility of legal knowledge (G11.3). Feeling confident about compliance (G11.4). Improving communication of requirements (G11.5). Spending the right effort (G11.6). Accessibility of legal knowledge (G11.7). Save time in next project (G11.8).
	SO2: Traceability	Develop what is needed (G11.9). Not developing what is not needed (G11.10). Not developing something wrong (G11.11). Not forgetting to develop something (G11.12). Ensuring software fulfills specification (G11.13). Maintain traceability (G11.14).
	SO3: Concerns' separation	Fulfilling certification and validation (G11.15). Ease of identifying what needs to be changed (G11.16). Providing proofs (G11.17). Visibility through "living compliance" (G11.18).
	SO4: Specification transparency	Ease to know what we are implementing (G11.19). Ease to know how we are implementing (G11.20). Choosing and discussing different solutions (G11.21). Ease of implementing updates (G11.22). Providing access to external auditor (G11.23).
	SO5: Specification flexibility	Minimizing costs of changes and updates (G11.24). Good architecture of system (G11.25). Not to miss anything (G11.26). Identifying unnecessary work (G11.27). Facilitating recertification (G11.28).
	Other goals	Synthesizing best practices for compliance (G11.29).
I12	SO1: Legal knowledge	Clarity to avoid misinterpretation (G12.1). Stakeholders understand what is required (G12.2).
	SO2: Traceability	Facilitating auditors to trace from start to implementation (G12.3). Reaction to changes in regulations (G12.4).
	SO3: Concerns' separation	Maintainability (G12.5). Scalability (G12.6).
	SO4: Specification transparency	Understandability of specification to experts and auditors (G12.7). Optimal effort (G12.8). Clear definition of personal data processed (G12.9). Clear specification of privacy policies (G12.10). Implementation of security controls to prevent breaches (G12.11).
	SO5: Specification flexibility	Ease of compliance tracking (G12.12). Ease of identifying what requires changes (G12.13).
	Other goals	Assuring data subject rights (G12.14). Transparency of data processing (G12.15).