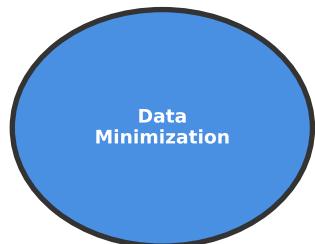
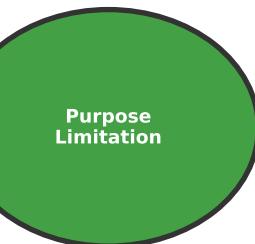


Digital Identity Privacy Framework

GDPR Privacy Principles

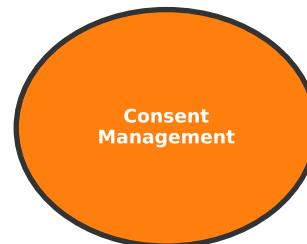


Data
Minimization



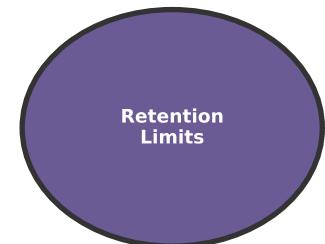
Purpose
Limitation

Use only for
stated purpose



Consent
Management

User controls
data sharing



Retention
Limits

Delete when
no longer needed



Security
Safeguards

Protect
stored data

Privacy Enhancing Technologies (PETs)

- * Zero-Knowledge Proofs: Prove attributes without revealing data
- * Selective Disclosure: Share only required attributes
- * Pseudonymization: Replace identifiers with pseudonyms
- * Encryption: End-to-end protection of data
- * Secure Enclaves: Process data in isolated environments

Regulatory Landscape

- * **GDPR (EU):** Comprehensive data protection
- * **BIPA (US-IL):** Biometric data consent
- * **CCPA (US-CA):** Consumer privacy rights
- * **PIPL (China):** Personal information protection
- * **LGPD (Brazil):** Data protection law

User Rights (GDPR):
* Right to access
* Right to rectification
* Right to erasure
* Right to portability
* Right to object

GDPR Penalties:
Up to 20M EUR or
4% global revenue
(whichever higher)