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# Privacy and Data Protection Challenges in Digital Information Systems

DEMO / THEME CONTENT

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## Abstract

The increasing collection and processing of personal information has created significant privacy and data protection challenges. This paper examines data minimization, access control, encryption, retention policies, and privacy-aware system design.

## Keywords

Data Privacy; Information Security; Data Protection; Privacy by Design; Cybersecurity

## Main Content

1. Digital services collect and process increasing amounts of information, requiring appropriate technical and organizational safeguards.

2. Data minimization, purpose limitation, access control, transparency, and appropriate retention can reduce privacy risks.

3. Privacy-aware design can improve trust and reduce unnecessary exposure of personal information in digital systems.

## References

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