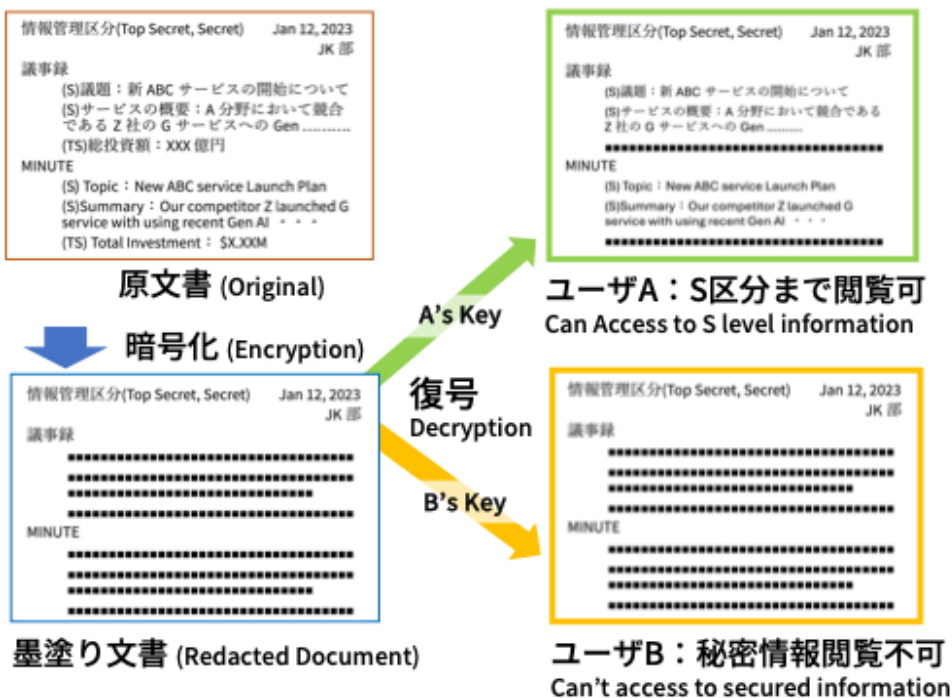


SPIP: Security, Privacy, Integrity enhancement platform

Reduce the leakage risk of private and confidential information when sending and receiving files or data

#Customer Experience Value Creation, #Business Resilience

SpillProof™ Document



電子的な墨塗りと、利用者の権限に応じた開示により、配布した文書からの機密情報の漏洩を防止

Protect breach of privacy/secret information by electronic redaction and disclosure dependent on authority of users.

Spill Proof Document™ is a trademark of NTT DATA Federal

///Technical Issue

Online systems ensure privacy by masking data according to use, but it is difficult to ensure privacy for data in files and downloaded information.

///Research Goal

To reduce the risks of a privacy/secret information breach when data is leaked from servers or distributed by e-mail etc.

---Technology

Attribute-based Encryption (ABE), Anonymization and Secret Multi-Computation (NTT Group's proprietary technologies)

---Novelty

Traditionally, in data distribution, it is necessary to create and distribute data according to individual users and purposes. ABE includes data access control and encryption, and the system can distribute the data to all users who can then see only the data permitted by their specific attributes.

---Applicable Business

- Redacted document service for government, enterprise to be able to disclose the information based on receiver's attribute. (Commercialization: 2025) [Market size of Document management service \$3B]
- Reduce risks of privacy/secret information from transcript of conversations between a customer and an agent in contact center (Commercialization: 2025) [Market size of call recording/analytics software in contact center \$1.3B]