encrypt
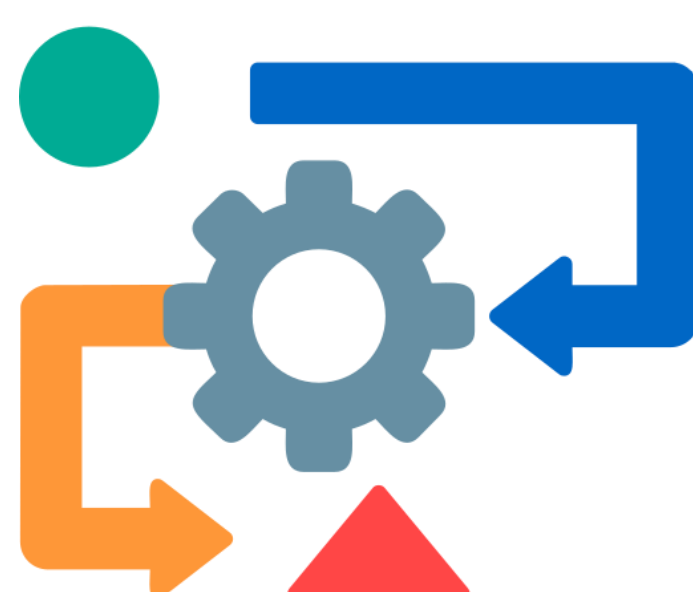## A scalable and practical privacy-preserving framework

Privacy Risk Assessment Tool

Privacy Risk Assessment Methodology for Organizations

Objectives and Introduction

- Methodology to assess privacy risks in business processes
- Links privacy threats to cybersecurity vulnerabilities
- Supports Controllers and Processors in risk prioritization

Methodology and Foundations

- **Taxonomies of Assets**: Domain-specific
- **LINDDUN**: Privacy threat modeling
- **MITRE ATT&CK**: Technical vulnerability assessment
- **ISO/IEC 27005:2022**: Maturity model questionnaire

MITRE ATT&CK | **LINDDUN**

Define the context	Identify business process	Assets and Vulnerability	Privacy Threats	Risk Evaluation
• Company domain • Actors and roles	• PDP and processing role • personal data type (KG) • PPT in use	• IT-OT assets mapping • MITRE ATT&CK vulnerability assessment	• Linking • Identifying • Non-Repudiation • Detecting • Data Disclosure • Unawareness & Unintervenability • Non-Compliance	• Privacy and Cyber risks correlation • Fill in the questionnaire based on ISO/IEC-27005:2022 to understand the maturity level of the PDP

Tool Implementation

- **Web Application Stack**
- **Integrated with Keycloak, Kafka, Knowledge Graph**
- **Hosted at: https://privacy.rating-eng.eu/**