



PRIVIDEMA



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Factsheet 04: Privacy-Preserving Cyber Threat Intelligence (CTI)

Share insights—not raw data

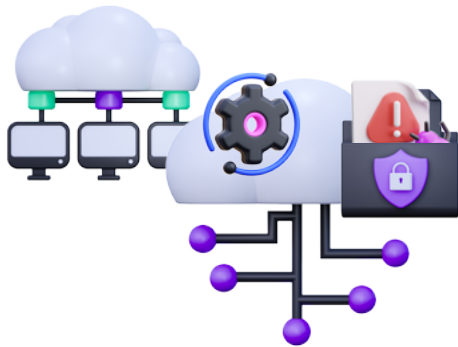


The Problem

Modern attacks span sectors and borders, but sharing raw logs and indicators can expose confidential or personal information and deter collaboration.

PRIVIDEMA's Contribution

We prototype CTI workflows that aggregate and analyse encrypted indicators from multiple organisations, quantifying accuracy and overhead so operators can adopt with confidence.



The Solution

PRIVIDEMA enables encrypted contribution, correlation, and alerting using PETS: FHE for computations on encrypted data, FL with secure aggregation and DP, and hardware-backed key management.

European Impact

Operators gain earlier, more reliable signals while respecting confidentiality and GDPR—strengthening collective cyber-resilience across Europe.



Consortium
7 Partners
5 Countries



Budget
€ 5.3 Million
€ 3.1 EU-funded



Duration
36 Months
11/2024 - 10/2027



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