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# Factsheet 08: Federated Learning (FL)

## Learn together—without sharing data



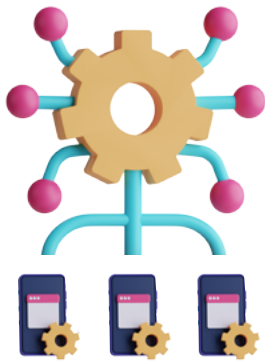
### The Problem

Centralising training data concentrates risk and may violate confidentiality or data-minimisation rules.



### PRIVIDEMA's Contribution

PRIVIDEMA applies FL to CTI and biometric contexts, combining it with FHE/DP so that even the models' update resist inversion or leakage.



### The Solution

FL trains models where data resides. Participants share model updates—not raw data—which are aggregated to improve a global model.



### European Impact

Cross-border and cross-sector collaboration becomes feasible while maintaining trust, compliance, and utility.



Consortium  
7 Partners  
5 Countries



Budget  
€ 5.3 Million  
€ 3.1 EU-funded



Duration  
36 Months  
11/2024 - 10/2027



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